Appendices

Appendix A

Vehicle Miles Traveled Screening Analysis Report

TECHNICAL MEMORANDUM

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To:	Tom Bergerson Architects Orange	Date:	March 7, 2025
From:	Richard E. Barretto, P.E., Principal Zawwar Saiyed, MS, P.E., R.S.P., Associate Principal Linscott, Law and Greenspan, Engineers	LLG Ref:	2.23.4755.1
Subject:	***Updated Vehicle Miles Traveled (VMT) Screening Analysis*** ***Menlo Hotel Project, Hawthorne***		

As requested, Linscott, Law & Greenspan, Engineers (LLG) is pleased to submit this updated Vehicle Miles Traveled (VMT) Screening Analysis Memorandum for the proposed Menlo Hotel Project (hereinafter referred to as "Project") in the City of Hawthorne, California. The updated assessment evaluates the current Project description as presented in the Project Site Plan prepared by Ao, dated March 2025. This Technical Memorandum presents the VMT screening criteria, for which the approach and methodology outlined herein are consistent with the *City of Hawthorne SB 743 Implementation Guidelines (dated April 2023).* The City's guidelines provide additional detail on the language and analysis procedures described in this Technical Memorandum.

The following sections of this Technical Memorandum summarize the Project description, the City's VMT screening criteria, analysis methodology, analysis and conclusions.

PROJECT LOCATION AND DESCRIPTION

The Project site is a 0.40±-acre square-shaped parcel of land that is located on the southeast corner of Menlo Avenue and Imperial Highway. The subject property is currently vacant but appears to have been developed with a surface parking lot/temporary vehicle storage lot. Access to the Project site appears to have been previously provided via a "right-turn only" driveway located on Imperial Highway and a driveway on Menlo Avenue. The current land use for the property in the Land Use Element of the City of Hawthorne General Plan is Specific Plan – Hospitality Commercial as illustrated in the City's Land Use Map, whereas the current zoning for the property is Regional Commercial (C-R).

The proposed Project includes the development of a 47,887 square-foot (SF), six-level hotel project with 57 rooms and approximately 8,999 SF of hotel amenities (i.e. lounge, hospitality, fitness, administration, roof top terrace). The Project will provide limited services as no restaurant and limited to no meeting/conference space is available for use in this hotel.

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Based on the current project information, guest/visitor parking will be provided in the Project's parking structure via 100% valet service, with a parking supply of 57 spaces that consists of 17 compact spaces, 36 standard spaces and four (4) valet spaces provided within Level 2 of the parking structure drive aisle should guest vehicles need to be "staged" during peak arrival and/or departure times when guest check-in and/or check-out. Vehicular access to the Project will be provided via a proposed full access driveway on Menlo Avenue, plus an "exit-only" driveway to be used for valet and/or pick-up/drop-off service. ***Figure 1*** presents a Vicinity Map that illustrates the general location of the Project and surrounding street system. ***Figure 2*** presents the existing aerial of the Project site. ***Figure 3*** presents the proposed Project site plan, prepared by Architects Orange.

VMT SCREENING ASSESSMENT

Under the VMT methodology, screening is used to determine if a project will be required to conduct a detailed VMT analysis. The following section discusses the various screening methods outlined in the *City of Hawthorne SB 743 Implementation Guidelines (dated April 2023)*, and outlines whether the Project will screen-out, based on its location, size, and/or land use. Per the City's Guidelines, land development projects that have one or more of the following attributes is sufficient to screen the project out of further evaluation.

The *City of Hawthorne SB 743 Implementation Guidelines (dated April 2023)* state the following screening methods:

Small Projects[1]

> *"This applies to projects with low trip generation per existing CEQA exemptions. Note that this includes any land use type (residential, office, open space, neighborhood parks, etc.)*
>
> *Project is presumed to cause a less-than-significant impact if it would:*
>
> - *Generate less than 110 trips per day per the ITE Manual or other acceptable source determined by City of Hawthorne.*
>
> *Unless:*
>
> - *Be inconsistent with the Sustainable Communities Strategy as determined by the City of Hawthorne."*

[1] 2018 OPR Guidance, page 12

According to ***Table 1 – Project Trip Generation***, based on the *Trip Generation, 11th Edition, Institute of Transportation engineers (ITE)* the proposed Project will generate 455 daily trips, which will exceed the threshold of 110 daily trips.

Based on the above, the proposed Project will not screen out under this criteria since the proposed Project will generate more than 110 daily trips.

Projects Near High Quality Transit[2]

> *"High quality transit provides a viable option for many to replace automobile trips with transit trips resulting in an overall reduction in VMT.*
>
> *Project is presumed to cause a less-than-significant impact if it would:*
>
> - *Be within a ½ mile of an existing major transit stop[3].*
>
> *Unless:*
>
> - *Has a Floor Area Ratio (FAR) of less than 0.75; or*
> - *Includes more parking, excluding on-street parking, for use by residents, customers, or employees of the project than required by the City of Hawthorne zoning code; or*
> - *It is inconsistent with the Sustainable Communities Strategy as determined by the City of Hawthorne; or*
> - *Replaces affordable residential units with a smaller number of moderate-or high-income residential units."*

To evaluate if the proposed Project is located within a ½ mile of a major transit stop or within a ½ mile of a HQTC, the City of Hawthorne Transit Priority Area (TPA) map[4] is utilized and illustrated on ***Figure 4***.

As shown, the Project is located on the southeast corner of Menlo Avenue and Imperial Highway within the City's Transit Priority Areas. From a review of this figure, the subject property is within a High-Quality Transit Corridor, which includes the Hawthorne Boulevard and Imperial Highway corridors, and further yet within ½ mile of a Major Transit Stop, the Hawthorne / Lennox Metro C Rail (Green Line) Transit Station located on Hawthorne Boulevard, north of Imperial Highway and south of the I-105 Freeway.

---

[2] 2018 OPR Guidance, page 13. Refer to Appendix C for City specific detail on high-quality transit.

[3] 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.").

[4] Refer to Appendix C for map of High-Quality Transit Corridor.

Since the proposed Project is located in the Transit Priority Area (TPA) as shown in *Figure* 4, a secondary TPA analysis has been conducted as presented below:

Floor Area Ratio (FAR) Assessment

Floor Area Ratio (FAR) is the relationship between the total amount of usable floor area of development and the total area of the development site. Based on the Project development information, the proposed 57-room hotel is comprised of 47,887 total SF of building area. Based on a parcel size of approximately 0.40±-acres (equivalent to 17,424 SF), the FAR for the Project can be calculated as follows:

Based on the above calculation, the proposed Project has a FAR less than 2.75.

$$FAR = \frac{47{,}887\ SF}{17{,}424\ SF} = 2.75$$

Parking Assessment

Per City of Hawthorne Municipal Code Section 17.58.030.B.11. – Required Number of Spaces: Hotel, the following parking requirements are applied to the Project:

Hotels:

a. Hotels with Restaurant and/or Conference Space. One space for each of the first one hundred rooms; three-fourths space for each of the next fifty rooms; and one-half space for each room above one hundred fifty rooms.
b. Hotels with Airport Shuttle. One space for each of the first one hundred rooms; three-fourths space for each of the next seventy-five rooms; and one-half space for each room above two hundred rooms.
c. Hotels without Amenities. One space per room, lot must be at least one acre.

Application of the above City parking requirements and the Project's proposed parking supply is summarized in the table below:

Description	Required Per City	Provided Parking Spaces
57-room hotel	57	57

As shown above, the proposed Project will provide no more parking than required by the City.

To assess the peak parking demand of the Project, parking rates published in Parking Generation, published by the Institute of Transportation Engineers (ITE)[5] provide sources for parking ratio information. "Land Use 312: Limited-Service Hotel" of Parking Generation, 6th Edition indicates an average parking demand ratio of 0.66 spaces per room, with an 85th percentile value of 0.82 spaces per room. It should be noted that when calculating the parking needs for a site the "design level" parking requirement is typically based on the 85th percentile value.

Given the above, to estimate the parking demand for the proposed Project, a ratio of 0.82 spaces per room is utilized and applied to the Project's 57 rooms, which results in a peak parking demand of 47 spaces. Based on a parking supply of 57 spaces, the Project site's parking demand is satisfied.

Sustainable Communities Strategy Assessment

As described in the Project description, the subject property in the City's General Plan has a designated Land Use of Specific Plan – Hospitality Commercial whereas the SCAG Land Use Designation is Commercial Services, which includes hotel use. As such, since the General Plan designation is consistent with the SCAG designation the project is consistent with the applicable Sustainable Communities Strategy (SCS), subject to confirmation by City staff. Attached at the end of this letter are the SCAG Data/Map Book land use designations which shows the consistent land uses (***See Attachment 1***).

Affordable Housing Assessment

The proposed Project will not replace existing affordable residential units since the Project site is currently vacant.

TPA Screening Conclusion

Based on the above, the proposed Project will screen out under this criteria, since it is located in a TPA and it satisfies all the secondary TPA criteria.

Affordable Housing[6]

> *"Lower-income residents make fewer trips on average, resulting in lower VMT overall.*

[5] 6th Edition, Washington, DC, 2023.

[6] 2018 OPR Guidance, page 14. As described, "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."

Project is presumed to cause a less-than-significant impact if it would:

- *Provide a high percentage of affordable housing, as determined by the City of Hawthorne."*

Based on the above, the proposed Project will not screen out under this criteria since the proposed Project is a hotel development and not an affordable housing project.

Local-Serving Retail[7]

"The introduction of new Local-serving retail has been determined to reduce VMT by shortening trips that will occur out of necessity (groceries, other essentials, etc.).

Project is presumed to cause a less-than-significant impact if it would include:

- *A local serving retail development as determined by the City of Hawthorne[8].*

Unless:

- *The nature of the service is regionally focused as determined by the City of Hawthorne."*

Based on the above, the proposed Project will not screen out under this criteria since the proposed Project is a hotel development and not a local-serving retail development.

Local Essential Service[9]

"As with Local-Serving Retail, the introduction of new Local Essential Services shortens non-discretionary trips by putting those goods and services closer to residents, resulting in an overall reduction in VMT.

Project is presumed to cause a less-than-significant impact if it would:

- *Include a building that is less than 50,000 square feet; and*
- *Land Use is:*
  - *Day care center; or*

[7] 2018 OPR Guidance, page 16

[8] Local-serving retail is where no single on-site store exceeds 50,000 square feet and its customer base is the surrounding area that were previously making trips further away to a store offering similar products

[9] Based on assumption that, like local-serving retail, the addition of necessary local in-person services will reduce VMT given that trips to these locations will be made irrespective of distance given their non-discretionary nature.

- *Public K-12 School; or*
- *Police or Fire facility; or*
- *Medical/Dental office building; or*
- *Hospital and clinics; or*
- *Government offices (in-person services such as post office, library, and utilities)*

Unless:

- *The nature of the service is regionally focused as determined by the City of Hawthorne."*

Based on the above, the proposed Project will not screen out under this criteria since the proposed Project is a hotel development and not a local essential service.

Map-Based Screening

"This method eliminates the need for complex analyses, by allowing existing VMT data to serve as a basis for the screening smaller developments.

Note that screening is limited to residential and office projects utilizing the maps.

Project is presumed to cause a less-than-significant impact if it would:

- *Be located in an area of development that is under the threshold as shown on a screening map as allowed by City of Hawthorne[10].*

Unless:

- *Represent significant growth as to substantially change regional travel patterns as determined by the City of Hawthorne."*

Based on the above, the proposed Project will not screen out under this criteria since the proposed Project is a hotel development and not a residential or office project.

Redevelopment Projects[11]

"Projects with lower VMT than existing on-site uses, can under limited circumstances, be presumed to have a non-significant impact. In the event this screening does not apply, projects should be analyzed as though there is no existing uses on site (project analysis cannot take credit for existing VMT).

[10] Refer to Appendix A for screening maps.
[11] 2018 OPR Guidance, Page 18

Project is presumed to cause a less-than-significant impact if it would:

- *Replaces an existing VMT-generating land use and does not result in a net overall increase in VMT.*

Unless:

- *The project replaces an existing VMT-generating land use and results in a net overall increase in VMT; or*
- *The existing land use has been vacant for more than 2 years."*

Based on the above, the proposed Project will not screen out under this criteria since the proposed Project site is currently vacant.

CONCLUSIONS

Based on the *City of Hawthorne SB 743 Implementation Guidelines (dated April 2023),* the VMT screening methodology, criteria, analysis and results outlined in this Technical Memorandum, the proposed Project is located in a Transit Priority Area (TPA) and the land use is consistent with the City's Land Use Element and the SCAG SCS. Therefore, the proposed Project is exempt from the preparation of any further VMT analysis and may be presumed to have a less than significant CEQA related transportation impact.

* * * * * * * * * * *

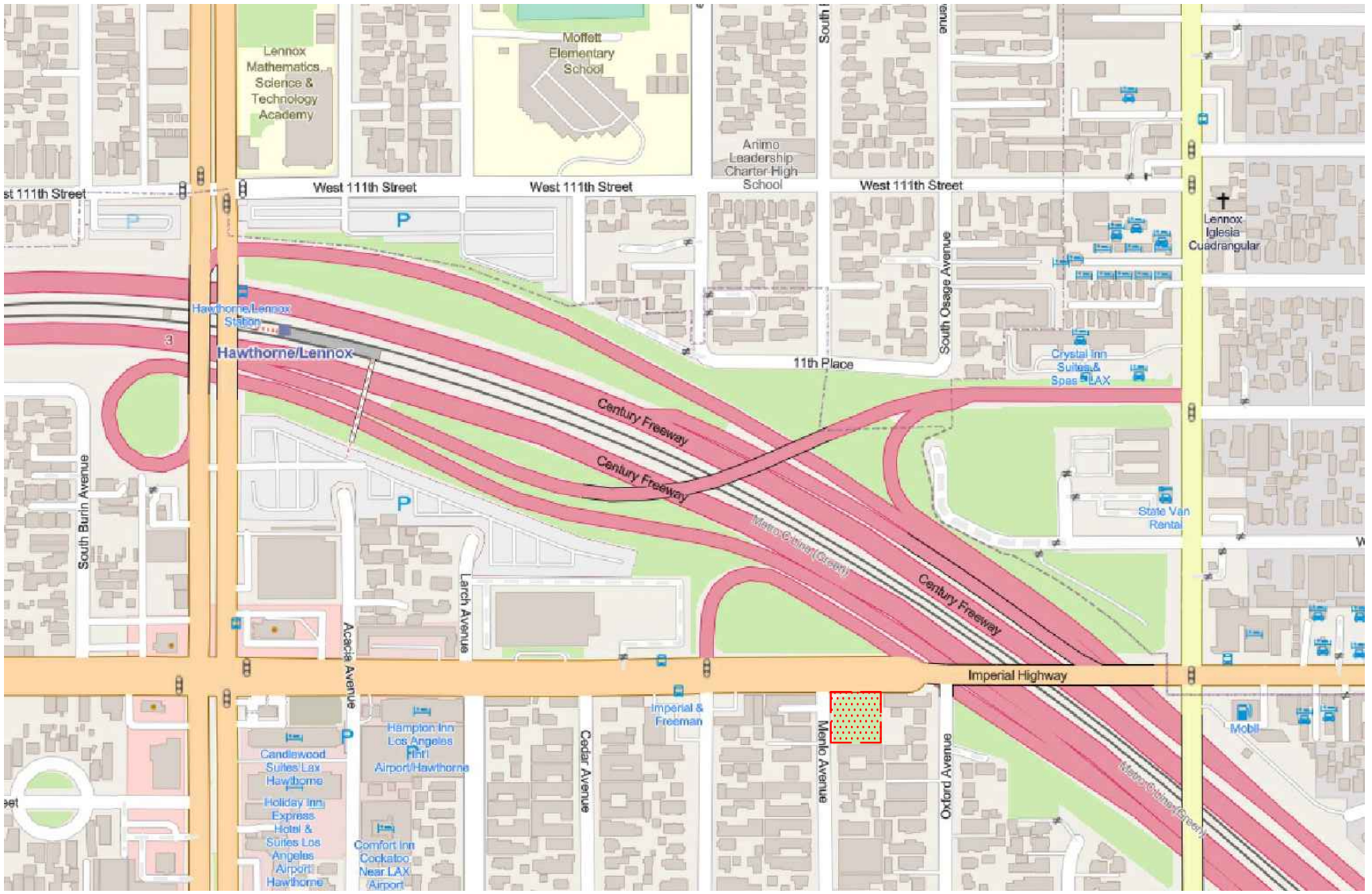
We appreciate the opportunity to provide this Technical Memorandum. Should you have any questions regarding the memorandum, please contact us at (949) 825-6175.

Attachments

Figure 1: Vicinity Map
Figure 2: Existing Aerial Photograph
Figure 3: Proposed Site Plan
Figure 4: Hawthorne Transit Priority Areas

Table 1: Project Trip Generation

Attachment 1: SCAG Data/Map Book for City of Hawthorne



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SOURCE: OPEN STREETS

KEY

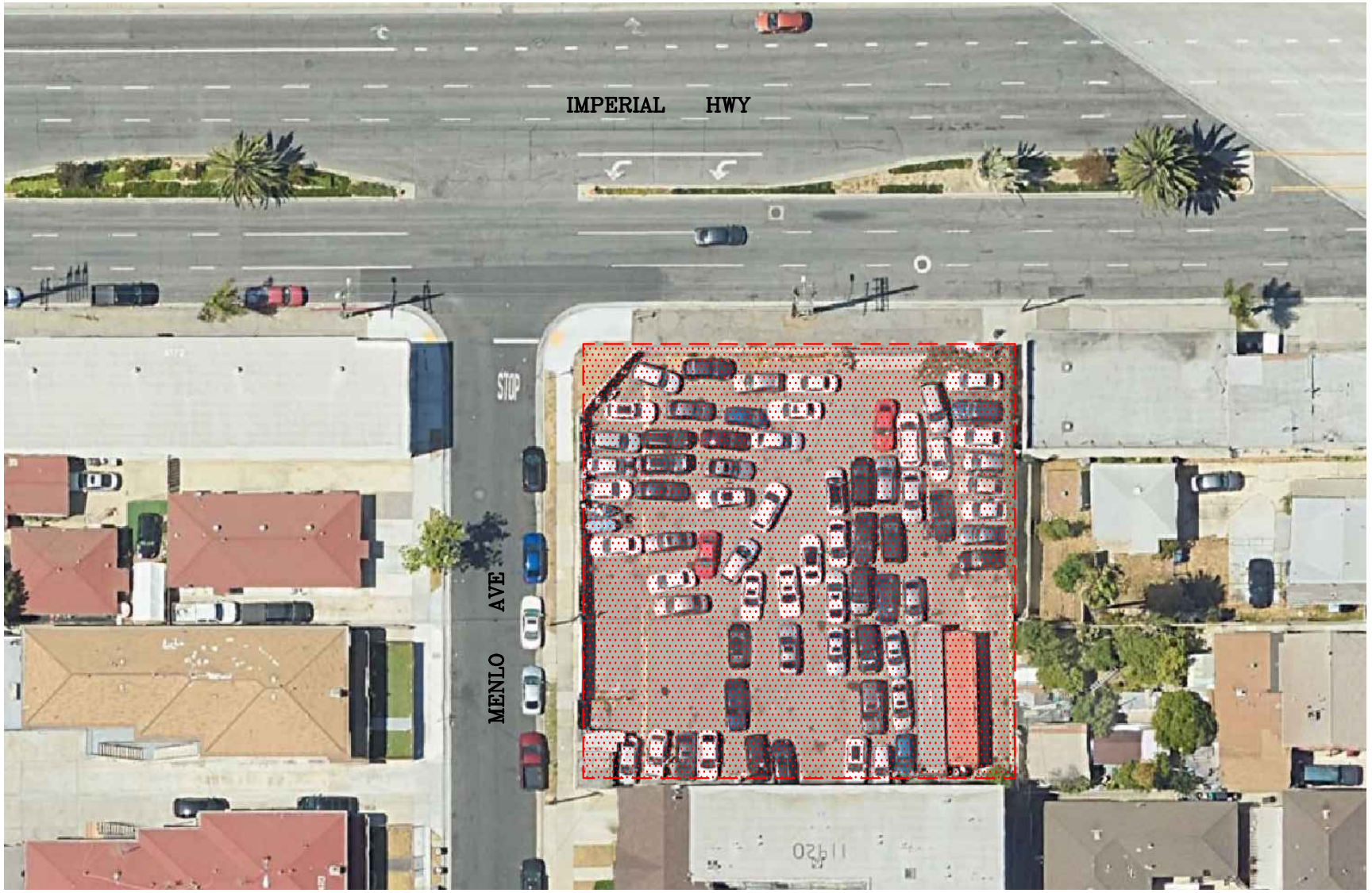
= PROJECT SITE

NO SCALE

FIGURE 1

VICINITY MAP

MENLO HOTEL, HAWTHORNE



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SOURCE: GOOGLE

KEY

= PROJECT SITE

NO SCALE

FIGURE 2

EXISTING AERIAL MAP

MENLO HOTEL, HAWTHORNE



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SOURCE: ARCHITECTS ORANGE

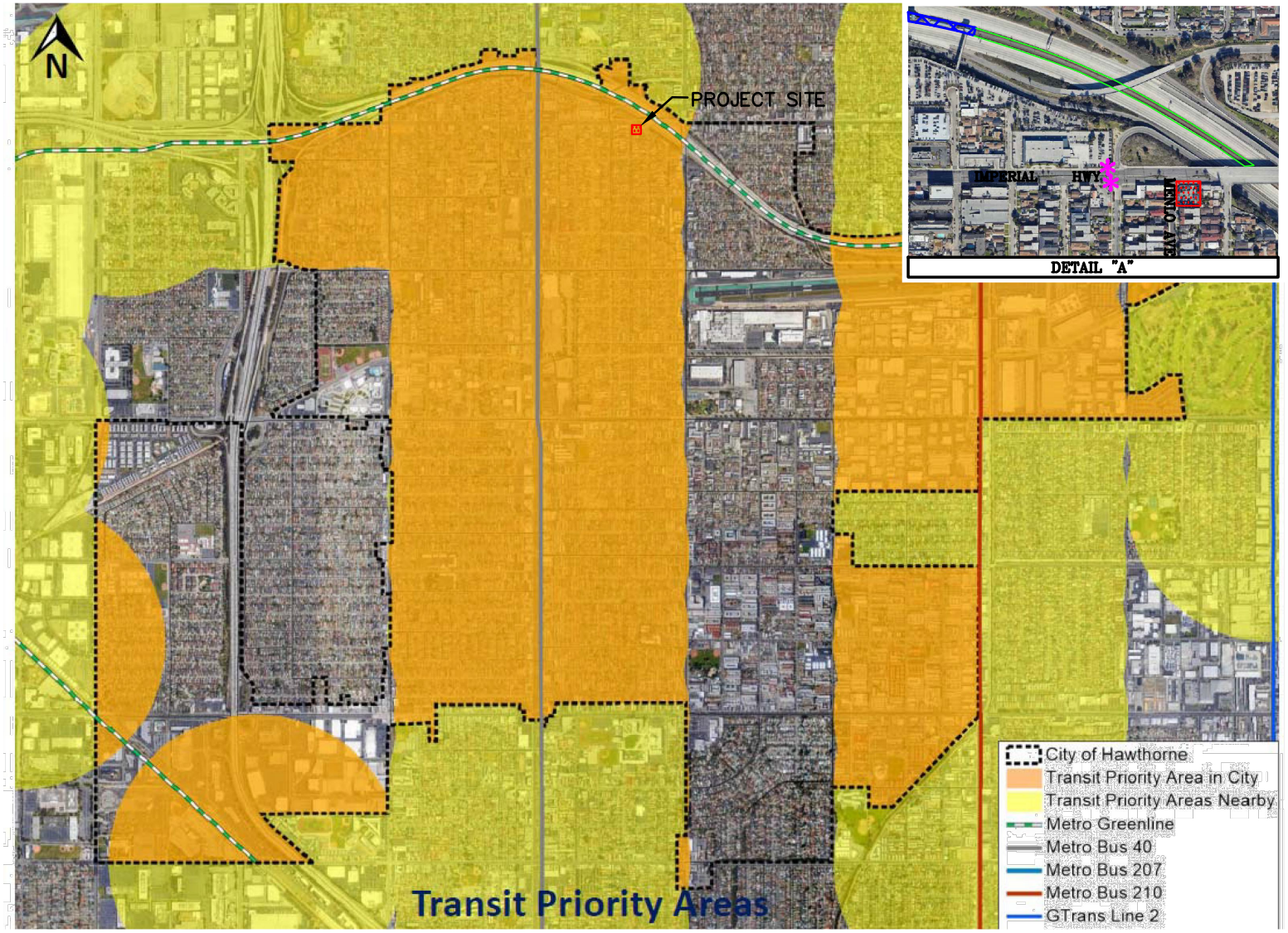
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N NO SCALE

FIGURE 3

PROPOSED SITE PLAN

MENLO HOTEL, HAWTHORNE



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SOURCE: CITY OF HAWTHORNE VMT GUIDELINES, APPENDIX C, PAGE 23

KEY

* = HAWTHORNE TRANSIT STOP
= PROJECT SITE
= METRO GREENLINE
= METRO C (GREENLINE) STATION

LLG

N NO SCALE

FIGURE 4

HAWTHORNE TRANSIT PRIORITY AREAS

MENLO HOTEL, HAWTHORNE

TABLE 1

PROJECT TRAFFIC GENERATION RATES AND FORECAST[12]

ITE Land Use Code / Project Description	Daily 2-Way	AM Peak Hour			PM Peak Hour		
		Enter	Exit	Total	Enter	Exit	Total
Trip Generation Factors:							
▪ 310: Hotel (TE/Room)	7.99	56%	44%	0.46	51%	49%	0.59
Project Trip Generation Forecast:							
▪ Menlo Hotel (57 Rooms)	455	15	11	26	17	17	34

Notes:

- TE/Room = Trip Ends per Room

[12] Source: *Trip Generation*, 11th Edition, Institute of Transportation Engineers (ITE), Washington, D.C. (2021). Average rates used.

ATTACHMENT A

SCAG DATA/MAP BOOK FOR

CITY OF HAWTHORNE

SCAG™
INNOVATING FOR A BETTER TOMORROW

Connect SoCal : The 2020-2045 Regional Transportation Plan/ Sustainable Communities Strategy

LOCAL INPUT & ENVISIONING PROCESS

DATA/MAP BOOK

for the City of

HAWTHORNE

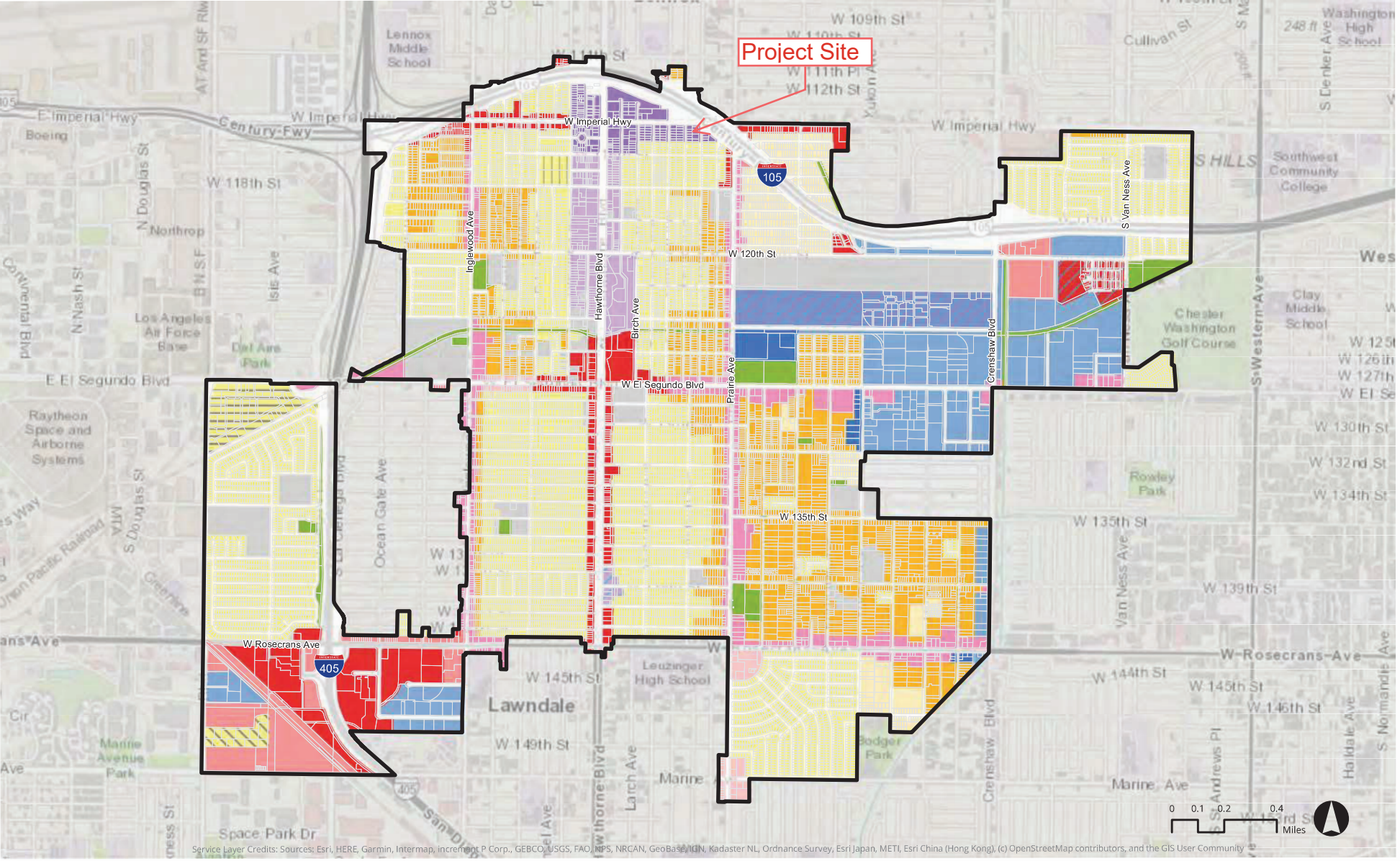
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LAND USE

TABLE 1: 2016 SCAG Land Use Codes – Legend

LEGEND	LAND USE DESCRIPTION
Single Family Residential	1110 Single Family Residential 1111 High Density Single Family Residential (9 or more DUs/ac) 1112 Medium Density Single Family Residential (3-8 DUs/ac) 1113 Low Density Single Family Residential (2 or less DUs/ac)
Multi-Family Residential	1120 Multi-Family Residential 1121 Mixed Multi-Family Residential 1122 Duplexes, Triplexes and 2- or 3-Unit Condominiums and Townhouses 1123 Low-Rise Apartments, Condominiums, and Townhouses 1124 Medium-Rise Apartments and Condominiums 1125 High-Rise Apartments and Condominiums
Mobile Homes and Trailer Parks	1130 Mobile Homes and Trailer Parks 1131 Trailer Parks and Mobile Home Courts, High-Density 1132 Mobile Home Courts and Subdivisions, Low-Density
Mixed Residential	1140 Mixed Residential 1100 Residential
Rural Residential	1150 Rural Residential
General Office	1210 General Office Use 1211 Low- and Medium-Rise Major Office Use 1212 High-Rise Major Office Use 1213 Skyscrapers
Commercial and Services	1200 Commercial and Services 1220 Retail Stores and Commercial Services 1221 Regional Shopping Center 1222 Retail Centers (Non-Strip With Contiguous Interconnected Off-Street Parking) 1223 Retail Strip Development 1230 Other Commercial 1231 Commercial Storage 1232 Commercial Recreation 1233 Hotels and Motels
Facilities	1240 Public Facilities 1241 Government Offices 1242 Police and Sheriff Stations 1243 Fire Stations 1244 Major Medical Health Care Facilities 1245 Religious Facilities 1246 Other Public Facilities 1247 Public Parking Facilities 1250 Special Use Facilities 1251 Correctional Facilities 1252 Special Care Facilities 1253 Other Special Use Facilities
Education	1260 Educational Institutions 1261 Pre-Schools/Day Care Centers 1262 Elementary Schools 1263 Junior or Intermediate High Schools 1264 Senior High Schools 1265 Colleges and Universities 1266 Trade Schools and Professional Training Facilities

Project Site Designation



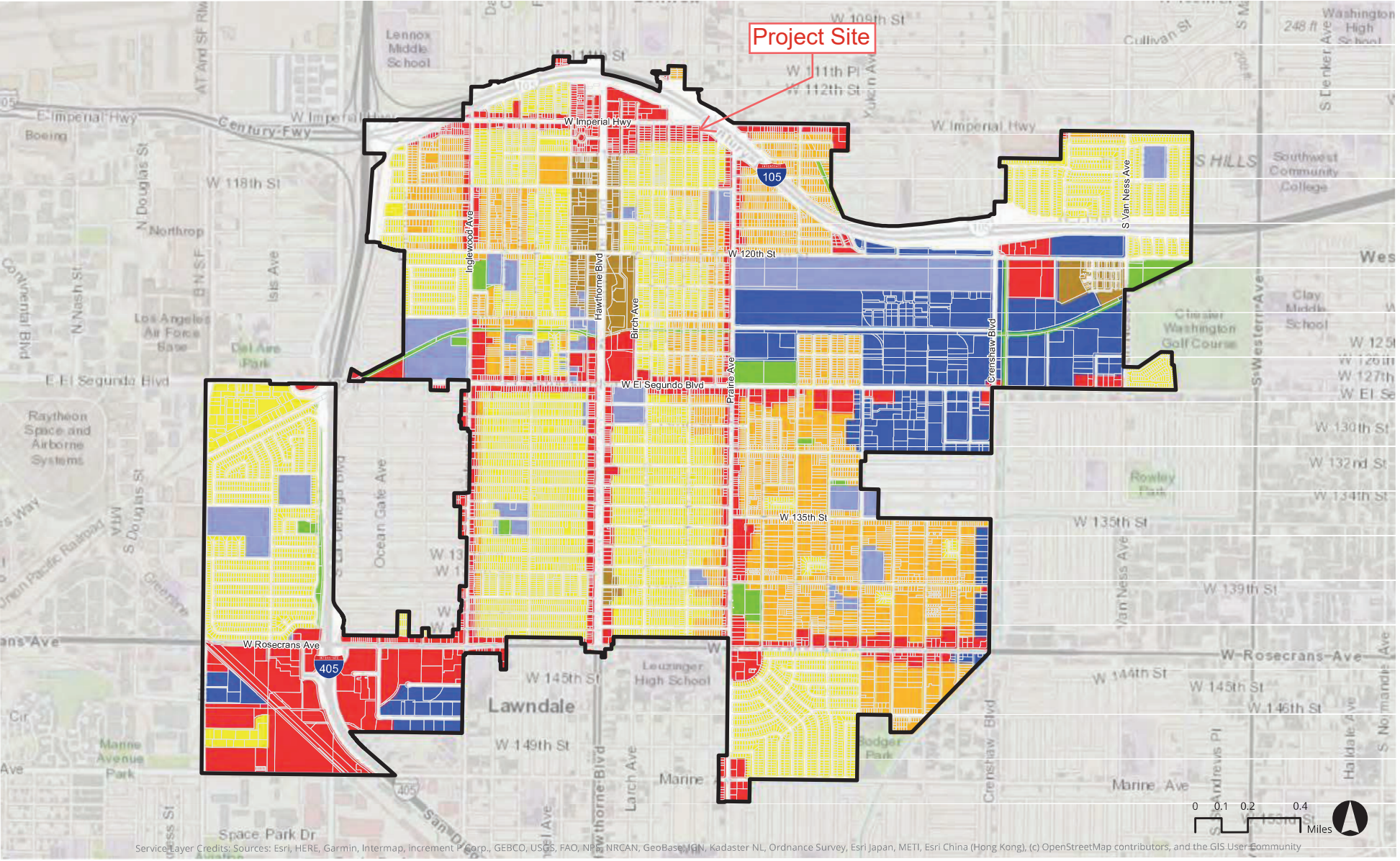
SCAG DATA/MAP BOOK

General Plan Land Use in City of Hawthorne (Local Jurisdiction's Land Use Designations)

- Low Density Residential
- Medium Density Residential
- High Density Residential
- Local Commercial
- General Commercial
- Regional Commercial
- Freeway Commercial/Mixed-Use
- Mixed Commercial
- Hospitality Commercial
- Industrial
- General Industrial
- Open Space
- Public Facilities
- Pacific Glen Specific Plan
- Willow Glen Specific Plan
- Prestige Village Specific Plan
- Central Park Specific Plan
- Century Business Center Specific Plan
- Specific Plan - Other

Data Source: City of Hawthorne, SCAG, 2018 | Map Created: 6/5/2019

Disclaimer: The information shown on this map reflect jurisdiction's input submitted during the Local Input and Envisioning Process for the Connect SoCal. SCAG shall not be responsible for user's misuse or misrepresentation of this map. For the details regarding the sources, methodologies and contents of this map, please refer to the SCAG Data/Map Book or contact RTPLocalInput@scag.ca.gov.



General Plan Land Use in City of Hawthorne (2016 SCAG Land Use Codes)

- Single Family Residential
- Multi-Family Residential
- Mobile Homes and Trailer Parks
- Mixed Residential
- Rural Residential
- General Office
- Commercial and Services
- Facilities
- Education
- Military Installations
- Industrial
- Transportation, Communications, and Utilities
- Mixed Commercial and Industrial
- Mixed Residential and Commercial
- Open Space and Recreation
- Agriculture
- Vacant
- Water
- Specific Plan
- Under Construction
- Undevelopable
- Unknown

Data Source: City of Hawthorne, SCAG, 2018 | Map Created: 6/5/2019

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Appendix B

Noise Impact Analysis Report

Noise Impact Assessment
for the
Menlo Hotel Project

Hawthorne, California

Prepared For:

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Prepared By:

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February 2025

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Attachment B – Federal Highway Noise Prediction Model (FHWA-RD-77-108) Outputs – Project Traffic Noise
Attachment C – Federal Highway Administration Roadway Construction Noise Model Outputs – Project Construction
Attachment D – Vibration and Stationary Noise Attenuation Outputs

LIST OF ACRONYMS AND ABBREVIATIONS

ADT	Average Daily Trips
Caltrans	California Department of Transportation
CNEL	Community Noise Equivalent Level
City	City of Hawthorne
County	Los Angeles County
CR	Regional Commercial
dB	Decibel
dBA	Decibel is A-weighted
DHSP	Downtown Hawthorne Specific Plan
FHWA	Federal Highway Administration
FICON	Federal Interagency Committee on Noise
FTA	Federal Transit Administration
Hz	Hertz
Interstate 105	I-105
Interstate 405	I-405
ITE	Institute of Transportation Engineers
L_{dn}	Day-night average sound level
L_{eq}	Equivalent Continuous Sound Level
L_{max}	The maximum A-weighted noise level during the measurement period.
L_{min}	The minimum A-weighted noise level during the measurement period.
NIOSH	National Institute for Occupational Safety and Health
OPR	Office of Planning and Research
OSHA	Federal Occupational Safety and Health Administration
PPV	Peak particle velocity
Project	Menlo Hotel Project
RCNM	Roadway Construction Noise Model
RMS	Root mean square
sf	Square Feet
SEL	Sound Exposure Level
STC	Sound Transmission Class
UBC	Uniform Building Code
VdB	Vibration Decibel
VRF	variable refrigerant flow

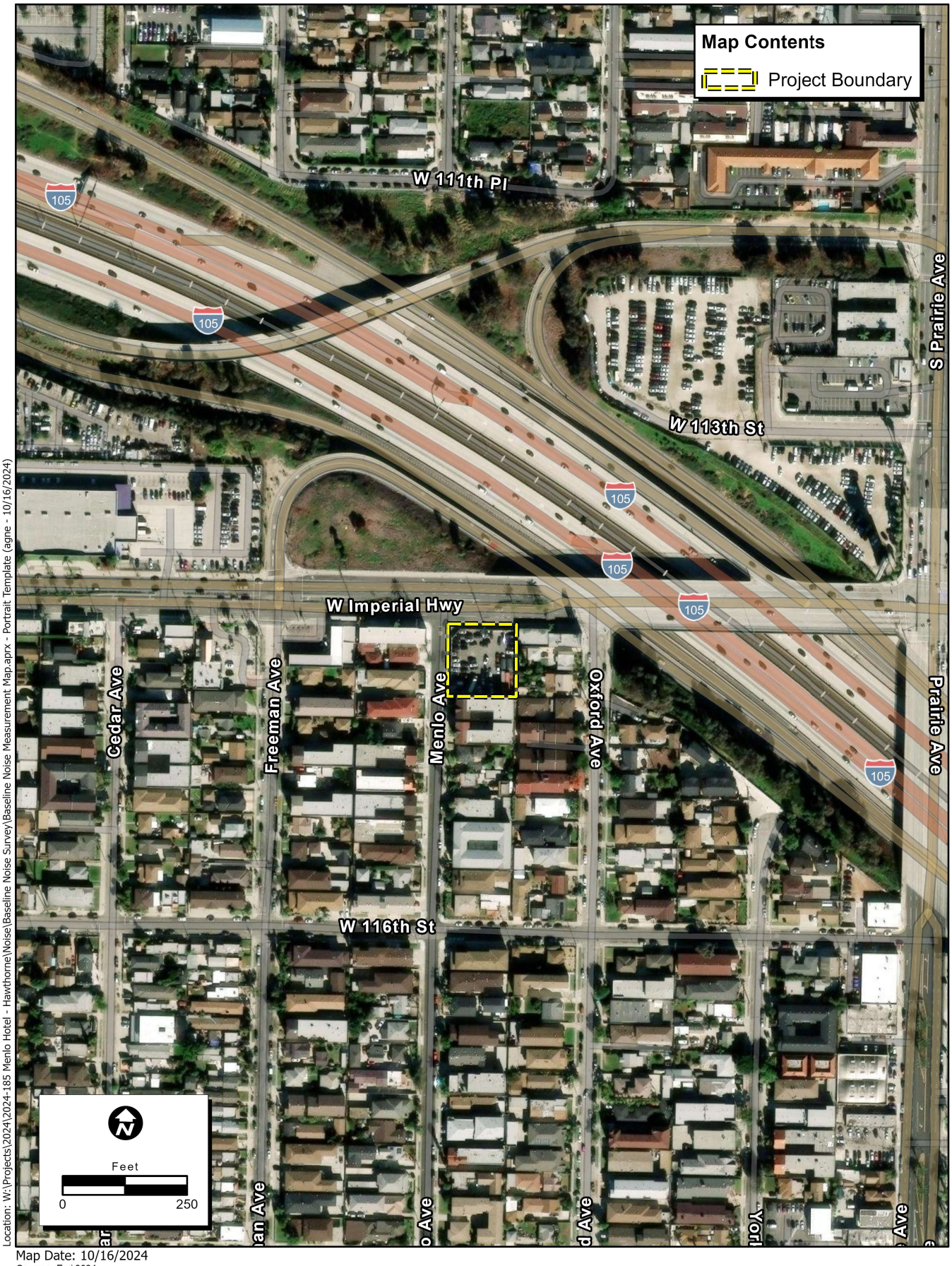
1.0 INTRODUCTION

This report documents the results of a Noise Impact Assessment completed for the Menlo Hotel Project (Project). This report was prepared as a comparison of predicted Project noise levels to noise standards promulgated by the City of Hawthorne General Plan Noise Element and Municipal Code. The purpose of this report is to estimate Project-generated noise and to determine the level of impact the Project would have on the environment

1.1 Project Location and Description

The Project Site is located at 11410 Menlo Avenue in the City of Hawthorne. The Project proposes to build a six-story hotel development within the Downtown Hawthorne Specific Plan (DHSP) area, zoned CR (Regional Commercial). Situated on a 17,424 square foot (sf) lot, the Project features 57 guestrooms and a total building area of 65,708 sf., including 47,584 sf of enclosed, conditioned space and 18,124 sf allocated for parking within the building footprint. The building reaches a height of 78 feet, with varied space distribution across its six levels: Level 1 is 9,716 sf (including parking), Level 2 is 12,544 sf (including parking), Level 3 includes 11,483 sf with an additional 3,672 sf open pool deck, and Levels 4, 5, and 6 consist of 11,483 sf, 11,483 sf, and 8,999 sf respectively, all enclosed. The Project includes 57 parking stalls, providing on-site parking for guests and staff.

Construction activities would involve demolishing existing asphalt, grading to achieve the finished design elevations, and building construction. The equipment to be used during construction, as provided by the Applicant, would include, but is not limited to, cranes, excavators, forklifts/manlifts, tractors, loaders, backhoes, trenchers, scrapers, dozers, graders, crushers and processing equipment, concrete saws, and bore drill rigs. Construction is anticipated to begin in November 2025 and be completed by June 2027. Construction would include the demolition and removal of the existing pavement on the Project Site as well as the export of 150 cubic yards of soil.



Location: W:\Projects\2024\2024-185 Menlo Hotel - Hawthorne\Noise\Baseline Noise Survey\Baseline Noise Measurement Map.aprx - Portrait Template (agne - 10/16/2024)

Map Date: 10/16/2024

Sources: Esri 2024

Figure 1-1. Project Location

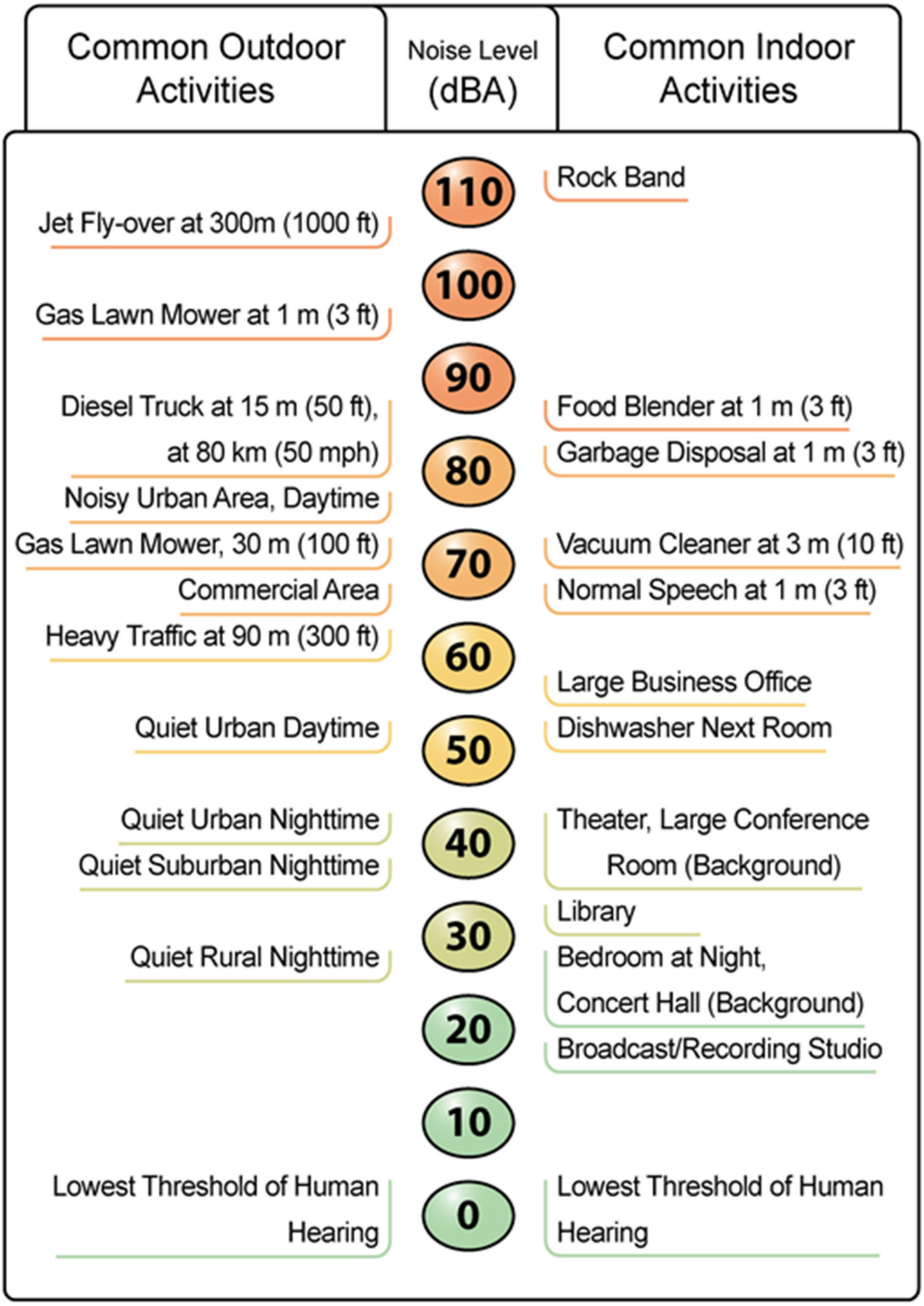
2.0 ENVIRONMENTAL NOISE AND GROUNDBORNE VIBRATION ANALYSIS

2.1 Fundamentals of Noise and Environmental Sound

2.1.1 Addition of Decibels

The decibel (dB) scale is logarithmic, not linear, and therefore sound levels cannot be added or subtracted through ordinary arithmetic. Two sound levels 10 dB apart differ in acoustic energy by a factor of 10. When the standard logarithmic decibel is A-weighted (dBA), an increase of 10 dBA is generally perceived as a doubling in loudness. For example, a 70-dBA sound is half as loud as an 80-dBA sound and twice as loud as a 60-dBA sound. When two identical sources are each producing sound of the same loudness, the resulting sound level at a given distance would be three dB higher than one source under the same conditions (Federal Transit Administration [FTA] 2018). For example, a 65-dB source of sound, such as a truck, when joined by another 65 dB source results in a sound amplitude of 68 dB, not 130 dB (i.e., doubling the source strength increases the sound pressure by three dB). Under the decibel scale, three sources of equal loudness together would produce an increase of five dB.

Typical noise levels associated with common noise sources are depicted in Figure 2-1.



Source: California Department of Transportation (Caltrans) 2020a

Figure 2-1. Common Noise Levels

2.1.2 Sound Propagation and Attenuation

Noise can be generated by a number of sources, including mobile sources such as automobiles, trucks and airplanes, and stationary sources such as construction sites, machinery, and industrial operations. Sound spreads (propagates) uniformly outward in a spherical pattern, and the sound level decreases (attenuates) at a rate of approximately 6 dB (dBA) for each doubling of distance from a stationary or point source (FHWA 2017). Sound from a line source, such as a highway, propagates outward in a cylindrical pattern, often referred to as cylindrical spreading. Sound levels attenuate at a rate of approximately 3 dBA for each doubling of distance from a line source, such as a roadway, depending on ground surface characteristics (Federal Highway Administration [FHWA] 2017). No excess attenuation is assumed for hard surfaces like a parking lot or a body of water. Soft surfaces, such as soft dirt or grass, can absorb sound, so an excess ground-attenuation value of 1.5 dBA per doubling of distance is normally assumed. For line sources, an overall attenuation rate of three dB per doubling of distance is assumed (FHWA 2011).

Noise levels may also be reduced by intervening structures; generally, a single row of detached buildings between the receptor and the noise source reduces the noise level by about five dBA (FHWA 2006), while a solid wall or berm generally reduces noise levels by 10 to 20 dBA (FHWA 2011). However, noise barriers or enclosures specifically designed to reduce site-specific construction noise can provide a sound reduction 35 dBA or greater (Western Electro-Acoustic Laboratory, Inc. 2021). To achieve the most potent noise-reducing effect, a noise enclosure/barrier must physically fit in the available space, must completely break the “line of sight” between the noise source and the receptors, must be free of degrading holes or gaps, and must not be flanked by nearby reflective surfaces. Noise barriers must be sizable enough to cover the entire noise source and extend lengthwise and vertically as far as feasibly possible to be most effective. The limiting factor for a noise barrier is not the component of noise transmitted through the material, but rather the amount of noise flanking around and over the barrier. In general, barriers contribute to decreasing noise levels only when the structure breaks the "line of sight" between the source and the receiver.

The manner in which older homes in California were constructed generally provides a reduction of exterior-to-interior noise levels of about 20 to 25 dBA with closed windows (Caltrans 2002). The exterior-to-interior reduction of newer residential units is generally 30 dBA or more (Harris Miller, Miller & Hanson Inc. [HMMH] 2006). Generally, in exterior noise environments ranging from 60 dBA Community Noise Equivalent Level (CNEL) to 65 dBA CNEL, interior noise levels can typically be maintained below 45 dBA, a typical residential interior noise standard, with the incorporation of an adequate forced air mechanical ventilation system in each residential building, and standard thermal-pane residential windows/doors with a minimum rating of Sound Transmission Class (STC) 28. (STC is an integer rating of how well a building partition attenuates airborne sound. In the U.S., it is widely used to rate interior partitions, ceilings, floors, doors, windows, and exterior wall configurations). In exterior noise environments of 65 dBA CNEL or greater, a combination of forced-air mechanical ventilation and sound-rated construction methods is often required to meet the interior noise level limit. Attaining the necessary noise reduction from exterior to interior spaces is readily achievable in noise environments less than 75 dBA CNEL with proper wall construction techniques following California Building Code methods, the selections of proper windows and doors, and the incorporation of forced-air mechanical ventilation systems.

2.1.3 Noise Descriptors

The decibel scale alone does not adequately characterize how humans perceive noise. The dominant frequencies of a sound have a substantial effect on the human response to that sound. Several rating scales have been developed to analyze the adverse effect of community noise on people. Because environmental noise fluctuates over time, these scales consider that the effect of noise on people is largely dependent on the total acoustical energy content of the noise, as well as the time of day when the noise occurs. The noise descriptors most often encountered when dealing with traffic, community, and environmental noise include the average hourly noise level (in L_{eq}) and the average daily noise levels/community noise equivalent level (in L_{dn}/CNEL). The L_{eq} is a measure of ambient noise, while the L_{dn} and CNEL are measures of community noise. Each is applicable to this analysis and defined as follows:

- **Equivalent Noise Level (L_{eq})** is the average acoustic energy content of noise for a stated period of time. Thus, the L_{eq} of a time-varying noise and that of a steady noise are the same if they deliver the same acoustic energy to the ear during exposure. For evaluating community impacts, this rating scale does not vary, regardless of whether the noise occurs during the day or the night.
- **Day-Night Average (L_{dn})** is a 24-hour average L_{eq} with a 10-dBA "weighting" added to noise during the hours of 10:00 p.m. to 7:00 a.m. to account for noise sensitivity in the nighttime. The logarithmic effect of these additions is that a 60 dBA 24-hour L_{eq} would result in a measurement of 66.4 dBA L_{dn}.
- **Community Noise Equivalent Level (CNEL)** is a 24-hour average L_{eq} with a 5-dBA weighting during the hours of 7:00 pm to 10:00 pm and a 10-dBA weighting added to noise during the hours of 10:00 pm to 7:00 a.m. to account for noise sensitivity in the evening and nighttime, respectively.

Table 2-1 provides a list of other common acoustical descriptors.

Table 2-1. Common Acoustical Descriptors

Descriptor	Definition
Decibel, dB	A unit describing the amplitude of sound, equal to 20 times the logarithm to the base 10 of the ratio of the pressure of the sound measured to the reference pressure. The reference pressure for air is 20.
Sound Pressure Level	Sound pressure is the sound force per unit area, usually expressed in micropascals (or 20 micronewtons per square meter), where 1 pascal is the pressure resulting from a force of 1 newton exerted over an area of 1 square meter. The sound pressure level is expressed in decibels as 20 times the logarithm to the base 10 of the ratio between the pressures exerted by the sound to a reference sound pressure (e.g., 20 micropascals). Sound pressure level is the quantity that is directly measured by a sound level meter.
Frequency, Hertz (Hz)	The number of complete pressure fluctuations per second above and below atmospheric pressure. Normal human hearing is between 20 Hz and 20,000 Hz. Infrasonic sounds are below 20 Hz and ultrasonic sounds are above 20,000 Hz.
A-Weighted Sound Level, dBA	The sound pressure level in decibels is measured on a sound level meter using the A-weighting 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 and correlates well with subjective reactions to noise.
Equivalent Noise Level, L_{eq}	The average acoustic energy content of noise for a stated period of time. Thus, the L_{eq} of a time-varying noise and that of a steady noise are the same if they deliver the same acoustic energy to the ear during exposure. For evaluating community impacts, this rating scale does not vary, regardless of whether the noise occurs during the day or the night.
L_{max}, L_{min}	The maximum and minimum A-weighted noise level during the measurement period.
L_{01}, L_{10}, L_{50}, L_{90}	The A-weighted noise levels that are exceeded 1%, 10%, 50%, and 90% of the time during the measurement period.
Day/Night Noise Level, L_{dn} or DNL	A 24-hour average L_{eq} with a 10 dBA "weighting" added to noise during the hours of 10:00 p.m. to 7:00 a.m. to account for noise sensitivity in the nighttime. The logarithmic effect of these additions is that a 60 dBA 24-hour L_{eq} would result in a measurement of 66.4 dBA L_{dn}.
Community Noise Equivalent Level, CNEL	A 24-hour average L_{eq} with a 5 dBA "weighting" during the hours of 7:00 p.m. to 10:00 p.m. and a 10 dBA "weighting" added to noise during the hours of 10:00 p.m. to 7:00 a.m. to account for noise sensitivity in the evening and nighttime, respectively. The logarithmic effect of these additions is that a 60 dBA 24-hour L_{eq} would result in a measurement of 66.7 dBA CNEL.
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.
Intrusive	That noise which intrudes over and above the existing ambient noise at a given location. The relative intrusiveness of a sound depends on its amplitude, duration, frequency, and time of occurrence and tonal or informational content, as well as the prevailing ambient noise level.

Table 2-1. Common Acoustical Descriptors	
Descriptor	**Definition**
Decibel, dB	A unit describing the amplitude of sound, equal to 20 times the logarithm to the base 10 of the ratio of the pressure of the sound measured to the reference pressure. The reference pressure for air is 20.

The A-weighted decibel sound level scale gives greater weight to the frequencies of sound to which the human ear is most sensitive. Because sound levels can vary markedly over a short period of time, a method for describing either the average character of the sound or the statistical behavior of the variations must be utilized. Most commonly, environmental sounds are described in terms of an average level that has the same acoustical energy as the summation of all the time-varying events.

The scientific instrument used to measure noise is the sound level meter. Sound level meters can accurately measure environmental noise levels to within about ±1 dBA. Various computer models are used to predict environmental noise levels from sources, such as roadways and airports. The accuracy of the predicted models depends on the distance between the receptor and the noise source. Close to the noise source, the models are accurate to within about ±1 to 2 dBA.

2.1.4 Human Response to Noise

The human response to environmental noise is subjective and varies considerably from individual to individual. Noise in the community has often been cited as a health problem, not in terms of actual physiological damage, such as hearing impairment, but in terms of inhibiting general well-being and contributing to undue stress and annoyance. The health effects of noise in the community arise from interference with human activities, including sleep, speech, recreation, and tasks that demand concentration or coordination. Hearing loss can occur at the highest noise intensity levels.

Noise environments and consequences of human activities are usually well represented by median noise levels during the day or night or over a 24-hour period. Environmental noise levels are generally considered low when the CNEL or L_{dn} is below 60 dBA, moderate in the 60 to 70 dBA range, and high above 70 dBA. Examples of low daytime levels are isolated, natural settings with noise levels as low as 20 dBA and quiet, suburban, residential streets with noise levels around 40 dBA. Noise levels above 45 dBA at night can disrupt sleep. Examples of moderate-level noise environments are urban residential or semi-commercial areas (typically 55 to 60 dBA) and commercial locations (typically 60 dBA). People may consider louder environments adverse, but most will accept the higher levels associated with noisier urban residential or residential-commercial areas (60 to 75 dBA) or dense urban or industrial areas (65 to 80 dBA). Regarding increases in A-weighted noise levels (dBA), the following relationships should be noted in understanding this analysis:

- Except in carefully controlled laboratory experiments, a change of 1 dBA cannot be perceived by humans.

- Outside of the laboratory, a 3-dBA change is considered a just-perceivable difference.
- A change in level of at least 5 dBA is required before any noticeable change in community response would be expected. An increase of 5 dBA is typically considered substantial.
- A 10-dBA change is subjectively heard as an approximate doubling in loudness and would almost certainly cause an adverse change in community response.

2.1.5 Effects of Noise on People

2.1.5.1 Hearing Loss

While physical damage to the ear from an intense noise impulse is rare, a degradation of auditory acuity can occur even within a community noise environment. Hearing loss occurs mainly due to chronic exposure to excessive noise but may be due to a single event such as an explosion. Natural hearing loss associated with aging may also be accelerated from chronic exposure to loud noise.

The Occupational Safety and Health Administration (OSHA) has a noise exposure standard that is set at the noise threshold where hearing loss may occur from long-term exposures. The maximum allowable level is 90 dBA averaged over eight hours. If the noise is above 90 dBA, the allowable exposure time is correspondingly shorter.

2.1.5.2 Annoyance

Attitude surveys are used for measuring the annoyance felt in a community for noises intruding into homes or affecting outdoor activity areas. In these surveys, it was determined that causes of annoyance include interference with speech, radio and television, house vibrations, and interference with sleep and rest. The L_{dn} as a measure of noise has been found to provide a valid correlation between noise level and the percentage of people annoyed. People have been asked to judge the annoyance caused by aircraft noise and ground transportation noise. There continues to be disagreement about the relative annoyance of these different sources.

2.2 Fundamentals of Environmental Groundborne Vibration

2.2.1 Vibration Sources and Characteristics

Sources of earthborne vibrations include natural phenomena (e.g., earthquakes, volcanic eruptions, sea waves, landslides) or manmade causes (explosions, machinery, traffic, trains, construction equipment, etc.). Vibration sources may be continuous (e.g., factory machinery) or transient (e.g., explosions).

Ground vibration consists of rapidly fluctuating motions or waves with an average motion of zero. Several different methods are typically used to quantify vibration amplitude. One is the peak particle velocity (PPV); another is the root mean square (RMS) velocity. The PPV is defined as the maximum instantaneous positive or negative peak of the vibration wave. The RMS velocity is defined as the average of the squared amplitude

of the signal. The PPV and RMS vibration velocity amplitudes are used to evaluate human response to vibration.

PPV is generally accepted as the most appropriate descriptor for evaluating the potential for building damage. For human response, however, an average vibration amplitude is more appropriate because it takes time for the human body to respond to the excitation (the human body responds to an average vibration amplitude, not a peak amplitude). Because the average particle velocity over time is zero, the RMS amplitude is typically used to assess human response. The RMS value is the average of the amplitude squared over time, typically a 1- sec. period (FTA 2018).

Table 2-2 displays the reactions of people and the effects on buildings produced by continuous vibration levels. The annoyance levels shown in the table should be interpreted with care since vibration may be found to be annoying at much lower levels than those listed, depending on the level of activity or the sensitivity of the individual. To sensitive individuals, vibrations approaching the threshold of perception can be annoying. Low-level vibrations frequently cause irritating secondary vibration, such as a slight rattling of windows, doors, or stacked dishes. The rattling sound can give rise to exaggerated vibration complaints, even though there is very little risk of actual structural damage. In high-noise environments, which are more prevalent where groundborne vibration approaches perceptible levels, this rattling phenomenon may also be produced by loud airborne environmental noise causing induced vibration in exterior doors and windows.

Ground vibration can be a concern in instances where buildings shake, and substantial rumblings occur. However, it is unusual for vibration from typical urban sources such as buses and heavy trucks to be perceptible. For instance, heavy-duty trucks generally generate groundborne vibration velocity levels of 0.006 PPV at 50 feet under typical circumstances, which as identified in Table 2-2 is considered very unlikely to cause damage to buildings of any type. Common sources for groundborne vibration are planes, trains, and construction activities such as earthmoving which requires the use of heavy-duty earth moving equipment.

Table 2-2. Human Reaction and Damage to Buildings for Continuous or Frequent Intermittent Vibration Levels

Peak Particle Velocity (inches/second)	Approximate Vibration Velocity Level (VdB)	Human Reaction	Effect on Buildings
0.006–0.019	64–74	Range of threshold of perception	Vibrations unlikely to cause damage of any type
0.08	87	Vibrations readily perceptible	Threshold at which there is a risk of architectural damage to extremely fragile historic buildings, ruins, ancient monuments
0.1	92	Level at which continuous vibrations may begin to annoy people, particularly those involved in vibration sensitive activities	Threshold at which there is a risk of architectural damage to fragile buildings. Virtually no risk of architectural damage to normal buildings
0.25	94	Vibrations may begin to annoy people in buildings	Threshold at which there is a risk of architectural damage to historic and some old buildings
0.3	96	Vibrations may begin to feel severe to people in buildings	Threshold at which there is a risk of architectural damage to older residential structures
0.5	103	Vibrations considered unpleasant by people subjected to continuous vibrations	Threshold at which there is a risk of architectural damage to new residential structures and Modern industrial/commercial buildings

Source: Caltrans 2020b

3.0 EXISTING ENVIRONMENTAL NOISE SETTING

3.1 Noise Sensitive Land Uses

Noise-sensitive land uses are generally considered to include those uses where noise exposure could result in health-related risks to individuals, as well as places where quiet is an essential element of their intended purpose. Residential dwellings are of primary concern because of the potential for increased and prolonged exposure of individuals to both interior and exterior noise levels. Additional land uses such as hospitals, historic sites, cemeteries, and certain recreation areas are considered sensitive to increases in exterior noise levels. Schools, churches, hotels, libraries, and other places where low interior noise levels are essential are also considered noise-sensitive land uses. The nearest sensitive receptors to the Project Area are single- and multi-family residences located directly adjacent to the south and east of the Project Site, as well as to the west across Menlo Avenue.

3.1.1 Existing Ambient Noise Environment

The city experiences typical urban noises, such as mobile noise sources from vehicles on roadways, railway and airport noise, intermittent construction noises, and general outdoor noise activities. Major transportation noise sources within the city include Interstate 105 (I-105) and Interstate 405 (I-405) and Hawthorn Municipal Airport. Within the Project Area, the most common and significant noise sources include traffic from I-105, located approximately 270 feet to the north of the Project Site, measured from the center of the freeway's north- and southbound lanes, as well as typical residential noises such as barking dogs, radios, and landscaping equipment.

3.1.2 Existing Ambient Noise Measurements

In order to quantify existing ambient noise levels in the Project Area, ECORP Consulting, Inc. conducted four short-term noise measurements (15-minutes) on the morning of August 26, 2024. The 15-minute measurements were taken between 10:49 a.m. and 12:04 p.m. These short-term noise measurements are representative of typical existing noise exposure within and immediately adjacent to the Project Site during the daytime (see Attachment A for a visual representation of the measurement locations). The average noise levels at each location are listed in Table 3-1.

Table 3-1. Existing Ambient Noise Measurement Levels					
Location Number	**Location**	**L_{eq} dBA**	**L_{min} dBA**	**L_{max} dBA**	**Time**
1	Next to Project Site along Imperial Highway	66.0	57.4	84.2	10:49 a.m. – 11:04 a.m.
2	On sidewalk, next to 11410 Menlo Avenue	60.0	48.8	81.7	11:11 a.m. – 11:26 a.m.
3	On sidewalk, next to 11413 Oxford Avenue	64.6	60.2	70.2	11:31 a.m. – 11:46 a.m.
4	On sidewalk, next to 4119 W 116th Street	61.9	45.7	82.4	11:49 a.m. – 12:04 p.m.

Source: Measurements were taken by ECORP with a Larson Davis Spartan 821 precision sound level meter, which satisfies the American National Standards Institute for general environmental noise measurement instrumentation. Prior to the measurements, the Spartan 821 sound level meter was calibrated according to manufacturer specifications with a Larson Davis CAL200 Class I Calibrator. See Attachment A for noise measurement outputs.

Notes: L_{eq} is the average acoustic energy content of noise for a stated period of time. Thus, the L_{eq} of a time-varying noise and that of a steady noise are the same if they deliver the same acoustic energy to the ear during exposure. L_{min} is the minimum noise level during the measurement period and L_{max} is the maximum noise level during the measurement period.

As shown in Table 3-1, the ambient recorded noise levels range from 60.0 dBA to 66.0 dBA L_{eq} over the course of the four short-term noise measurements taken in the Project vicinity in August of 2024. The most common noise in the Project vicinity is produced by vehicular traffic (e.g., cars, trucks, buses, motorcycles).

3.1.3 Existing Freeway Noise Levels

Existing freeway noise levels from I-105 were calculated as the Project is in the immediate vicinity this freeway. This task was accomplished using the FHWA Highway Traffic Noise Prediction Model (FHWA-RD-77-108) (see Attachment B) The model calculates the average noise level at specific locations based on traffic volumes, average speeds, roadway geometry, and site environmental conditions. The average daily traffic (ADT) and noise levels along I-105 are presented in Table 3-2.

Table 3-2. Existing Roadway Noise Levels					
Roadway Segment	**Surrounding Uses**	**CNEL at 100 feet from Centerline of Roadway**	**Distance to CNEL Contours**		
			70 dBA	**65 dBA**	**60 dBA**
Interstate 105					
East of Route 405, San Diego Freeway Interchange	Residential & Project Site	82.5	647 feet	1,453 feet	3,130 feet

Table 3-2. Existing Roadway Noise Levels

Source: Traffic noise levels were calculated by ECORP using the FHWA roadway noise prediction model in conjunction with the Caltrans Traffic Census Program. Refer to Attachment B for traffic noise modeling assumptions and results.

As previously mentioned, the Project Site is approximately 270 feet south of the I-105 freeway centerline. As shown in Table 3-2, the Project Site would fall within the 70 dBA CNEL noise contour. It should be noted that the modeled noise levels depicted in Table 3-2 may differ from measured levels in Table 3-1 because the measurements represent noise levels at different locations around the Project Area and are also reported in different noise metrics (e.g., noise measurements are the L_{eq} values and traffic noise contours are reported in CNEL).

4.0 REGULATORY FRAMEWORK

4.1 Federal

4.1.1 Occupational Safety and Health Act of 1970

OSHA regulates onsite noise levels and protects workers from occupational noise exposure. To protect hearing, worker noise exposure is limited to 90 decibels with A-weighting (dBA) over an eight-hour work shift (29 Code of Regulations 1910.95). Employers are required to develop a hearing conservation program when employees are exposed to noise levels exceeding 85 dBA. These programs include provision of hearing protection devices and testing employees for hearing loss on a periodic basis.

4.1.2 National Institute of Occupational Safety and Health

A division of the US Department of Health and Human Services, the National Institute for Occupational Safety and Health (NIOSH) has established a construction-related noise level threshold as identified in the Criteria for a Recommended Standard: Occupational Noise Exposure prepared in 1998. NIOSH identifies a noise level threshold based on the duration of exposure to the source. The NIOSH construction-related noise level threshold starts at 85 dBA for more than 8 hours per day; for every 3-dBA increase, the exposure time is cut in half. This reduction results in noise level thresholds of 88 dBA for more than 4 hours per day, 92 dBA for more than 1 hour per day, 96 dBA for more than 30 minutes per day, and up to 100 dBA for more than 15 minutes per day. The intention of these thresholds is to protect people from hearing loss resulting from occupational noise exposure.

4.1.3 Federal Interagency Committee on Noise (FICON)

The FICON thresholds of significance assist in the evaluation of increased traffic noise. The 2000 FICON findings provide guidance as to the significance of changes in ambient noise levels due to transportation noise sources. FICON recommendations are based on studies that relate aircraft and traffic noise levels to the percentage of persons highly annoyed by the noise. FICON's measure of substantial increase for transportation noise exposure is as follows:

- If the existing ambient noise levels at existing and future noise-sensitive land uses (e.g. residential, etc.) are less than 60 dBA CNEL and the project creates a readily perceptible 5 dBA CNEL or greater noise level increase, or
- If the existing noise levels range from 60 to 65 dBA CNEL and the project creates a barely perceptible 3 dBA CNEL or greater noise level increase, or
- If the existing noise levels already exceed 65 dBA CNEL and the project creates a community noise level increase of greater than 1.5 dBA CNEL.

4.2 State

4.2.1 State of California General Plan Guidelines

The State of California regulates vehicular and freeway noise affecting classrooms, sets standards for sound transmission and occupational noise control, and identifies noise insulation standards and airport noise/land-use compatibility criteria. The State of California General Plan Guidelines (State of California 2003), published by the Governor's Office of Planning and Research (OPR), also provides guidance for the acceptability of projects within specific CNEL/L_{dn} contours. The guidelines also present adjustment factors that may be used in order to arrive at noise acceptability standards that reflect the noise control goals of the community, the particular community's sensitivity to noise, and the community's assessment of the relative importance of noise pollution.

4.2.2 State Office of Planning and Research Noise Element Guidelines

The State OPR *Noise Element Guidelines* include recommended exterior and interior noise level standards for local jurisdictions to identify and prevent the creation of incompatible land uses due to noise. The Noise Element Guidelines contain a Land Use Compatibility table that describes the compatibility of various land uses with a range of environmental noise levels in terms of the CNEL.

4.2.3 California Department of Transportation

In 2020, the California Department of Transportation (Caltrans) published the Transportation and Construction Vibration Manual (Caltrans 2020b). The manual provides general guidance on vibration issues associated with the construction and operation of projects concerning human perception and structural damage. Table 2-2 above presents recommendations for levels of vibration that could result in damage to structures exposed to continuous vibration.

4.3 Local

4.3.1 City of Hawthorn General Plan Noise Element

The Noise Element of the General Plan provides policy direction for minimizing excessive noise within the community and aims to protect residents, visitors, and noise-sensitive land uses from health impacts. By establishing noise and land use compatibility guidelines, noise considerations will influence the general distribution, location, and intensity of future land uses. The result is that effective land use planning and mitigation can alleviate the majority of noise problems. The following goals and policies have been identified to be applicable to the Proposed Project:

Goal 2: Protect and maintain those areas having acceptable noise environments.

> ***Policy 2.1:*** Incorporate noise considerations into land use planning decisions. These measures will be achieved through the following programs:

- Establish acceptable limits of noise for various land uses throughout the community. Zoning changes should be consistent with the compatibility of the projected noise environment.
- Ensure acceptable noise levels near schools, hospitals, convalescent homes, and other noise sensitive areas.
- Establish standards for all types of noise not already governed by local ordinances or permitted by state or federal law.
- Encourage acoustical design in new construction.

Goal 3: Provide sufficient information concerning noise levels so that noise can be objectively considered in land use planning decisions.

Policy 3.1: The City shall develop measures to control non-transportation noise impacts.

Policy 3.2: The City shall establish a new Community Noise Ordinance to mitigate noise conflicts.

Policy 3.3: The City shall evaluate noise generated by construction activities.

Policy 3.4: Establish and maintain coordination among the city agencies involved in noise abatement.

The Noise Element includes a land use compatibility matrix for community noise levels across various land uses, as shown in Table 4-1, and establishes acceptable interior and exterior noise standards for these uses, as illustrated in Table 4-2.

Table 4-1. City of Hawthorne Noise and Land Use Compatibility Matrix								
Land Use Categories		**CNEL**						
Categories	**Uses**	**<55**	**60**	**65**	**70**	**75**		**80>**
Residential	Single Family, Duplex, Multiple Family	A	A	B	B	C	D	D
	Mobile Home	A	A	B	C	C	D	D
Commercial (Regional, District)	Hotel, Motel, Transient Lodging	A	A	B	B	C	C	D
Commercial (Regional, Village, District, Special)	Commercial Retail, Bank, Restaurant	A	A	A	A	B	B	C
Commercial, Industrial, Institutional	Office Building, Research and Develop, Professional Offices, City Office Building	A	A	A	B	B	C	D
Commercial (Recreation) Institutional (Civic Center)	Amphitheatre, Concert Hall Auditorium, Meeting Hall	B	B	C	C	D	D	D
Commercial (Recreation)	Children's Amusement Park, Miniature Golf Course, Go-Cart Track, Equestrian Center, Sports Club	A	A	A	B	B	D	D
Commercial (General, Special) Industrial, Institutional	Automobile Service Station, Auto Dealership, Manufacturing, Warehousing, Wholesale, Utilities	A	A	A	A	B	B	B
Institutional (General)	Hospital, Church, Library, School Classroom	A	A	B	C	C	D	D
Open Space	Parks	A	A	A	B	C	D	D
Open Space	Golf Course, Cemetery, Nature Center, Wildlife Reserve, Wildlife Habitat	A	A	A	A	B	C	C
Agriculture	Agriculture	A	A	A	A	A	A	A

Source: City of Hawthorne General Plan 1989 (Revised 2018).
Notes:
Zone A Clearly Compatible: Specified land use is satisfactory, based upon the assumption that any buildings involved are of normal conventional construction without any special noise insulation requirements.
Zone B Normally Compatible: New construction or development should be undertaken only after detailed analysis of noise reduction requirements are made and needed noise insulation features in the design are determined. Conventional construction, with closed windows and fresh air supply systems or air conditioning, will normally suffice.
Zone C Normally Incompatible: New construction or development should generally be discouraged. If new construction or development does not proceed, a details analysis of noise reduction requirements must be made and needed noise insulation features included in the design.
Zone D Clearly Incompatible: New construction or development should generally not be undertaken.

Table 4-2. City of Hawthorne Interior and Exterior Noise Standards			
Land Use Categories		**Average CNEL**	
Categories	**Uses**	**Interior[1]**	**Exterior[2]**
Residential	Single Family, Duplex, Multiple Family	45[3]	65
	Mobile Home	NA	65[4]
Commercial; Industrial; and Institutional	Hotel, Motel, Transient Lodging	45	65[5]
	Commercial Retail, Bank, Restaurant	55	NA
	Office Building, Research and Develop, Professional Offices, City Office Building	50	NA
	Amphitheatre, Concert Hall Auditorium, Meeting Hall	45	NA
	Gymnasium (Multipurposed)	50	NA
	Sports Club	55	NA
	Manufacturing, Warehouse, Wholesale, Utilities	65	
	Movie Theatres	45	NA
Institutional	Hospital, School classroom	45	65
	Church, Library	45	NA
	Parks	NA	65

Source: City of Hawthorne General Plan 1989 (Revised 2018).
Notes:
[1] Indoor environment excluding bathrooms, toilets, closets, corridors.
[2] Outdoor environment limited to: private yard of single family, multi-family private patio or balcony that is served by a means of exit from inside, mobile home park, hospital patio, park's picnic area, school's playground, and hotel and motel recreation area.
[3] Noise level requirement with closed windows. Mechanical ventilating system or other means of natural ventilation shall be provided as of Chapter 12, Section 1205 of the Uniform Building Code (UBC).
[4] Exterior noise level should be such that interior noise level will not exceed 45 CNEL.
[5] Except those areas affected by aircraft noise.

4.3.2 City of Hawthorne Municipal Code

The City of Hawthorne's regulations with respect to noise are included in Title 9 Article 2, General Noise Restrictions Municipal Code. The Noise Regulations provide noise standards and restrictions within the city. Section 9.34.030 outlines the City's exterior noise standards. However, the Project Site and surrounding sensitive receptors are zoned CR (Regional Commercial). The City's Municipal Code includes special noise standards for land zoned CR in section 17.25.070. The applicable special noise standards to the Project from the Municipal Code are:

- **Machinery, Equipment, Fans and Air Conditioning**. It is unlawful for any person to operate any machinery, equipment, pump, fan, air conditioning apparatus or similar mechanical device in any

manner so as to create any noise which would cause the noise level at the property line of any property to exceed the ambient noise level by more than five decibels. This section shall not apply to the performance of emergency work.

- **Ambient Noise Base Level.** The ambient noise level shall not in any event be more than the levels at the respective times and zones, irrespective of the ambient noise level actually measured as shown in Table 4-3. If the ambient noise level measured exceeds the above levels at the times and within the zones specified above, then the noise level actually measured shall be used as the "ambient noise level" purposes of this application of this subsection.

Table 4-3. City of Hawthorne Regional Commercial Allowable Exterior Noise Levels

Zone	Time	Allowable Noise Level, dBA[1]
Property zoned Regional Commercial and all property abutting such property zoned Regional Commercial	10:00 p.m. to 7:00 a.m.	50
	7:00 a.m. to 10:00 p.m.	60
	Anytime	65

Source: City of Hawthorne Municipal Code §17.25.070
Notes:
1. If the ambient noise level actually measured exceeds the above levels at the times and within the zones specified above, then the noise level actually measured shall be used as the "ambient noise level" purpose of this application of this subsection.

Section 9.34.060 (B), Demolition and Construction, defines the City's allowable construction hours as Monday through Friday from 7:00 a.m. to 6:00 p.m. and Saturdays from 8:00 a.m. to 5:00 p.m. Construction is not permitted on Sundays or federal holidays. In addition, subsection (C) outlines provides the following construction noise limits:

- The noise created by construction activity shall not cause the energy-average A-weighted, slow-response sound pressure level (dBA L_{eq}) to exceed the numerical standards specified in Table N-1 of this chapter (references as Table 4-3 of this Impact Analysis), for the land use where the measurement is taken, plus 20 dB; or

- The maximum A-weighted, slow-response sound pressure level (L_{max} dBA) to exceed the numerical standards specified in Table N-1 (referenced as Table 4-3 of this Impact Analysis) of this chapter, for the land use where the measurement is taken, plus 40 dB.

The allowable daytime noise standard is 60 dBA Leq, meaning the maximum allowable construction noise level is 80 dBA L_{eq} *or* 100 dBA L_{max}. Since the nearest receptors are close to the construction site, individual loud noise events may be more perceptible and intrusive than the overall average level. Therefore, an L_{max} limit of 100 dBA is applied to ensure that peak noise events remain within an acceptable range for nearby receptors.

In order to quantify existing ambient noise levels in the Project Area, ECORP Consulting, Inc. conducted four short-term noise measurements (15-minutes) on the morning of August 26, 2024. As shown in Table 3-1 above, the existing ambient noise levels during the daytime ranged between 60.0 dBA to 66.0 dBA L_{eq} in the Project Area. The existing ambient during the daytime is above the applicable daytime noise standard of 60 dBA. However, for a conservative analysis, the 60 dBA will remain as the uniform daytime noise standard in the Project Area.

The City of Hawthorne's regulations with respect to vibration are included in Chapter 9.36, Vibration Ordinance. Section 9.36.030 outlines the maximum allowable vibration annoyance levels (VdB) and Section 9.36.040 outlines the maximum allowable vibration levels for vibration-induced architectural damage. These allowable vibration levels are summarized in Table 4-4 and Table 4-5 below.

Table 4-4. City of Hawthorne Groundborne Vibration Annoyance Criteria

Land Use Categories	Maximum Vibration Level (VdB)	Description
Workshop	90	Distinctly felt vibration. Appropriate to workshops and non-sensitive areas
Office	84	Felt vibration. Appropriate to offices and non-sensitive areas.
Residential Daytime	78	Barely felt vibration. Adequate for computer equipment.
Residential Nighttime	72	Vibration not felt, but groundborne noise may be audible inside quiet rooms.

Source: City of Hawthorne Municipal Code § 9.36.030.

Table 4-5. City of Hawthorne Groundborne Architectural Damage Vibration Criteria

Building Category	PPV (in/sec)	VdB
I. Reinforced concrete, steel, or timber (no plaster)	0.5	102
II. Engineered concrete and masonry (no plaster)	0.3	98
III. Non-engineered and masonry buildings	0.2	94
IV. Buildings extremely susceptible to vibration damage	0.12	90

Source: City of Hawthorne Municipal Code § 9.36.030.

5.0 Impact Assessment

5.1 Thresholds of Significance

The impact analysis provided below is based on the following California Environmental Quality Act Guidelines Appendix G thresholds of significance. The Project would result in a significant noise-related impact if it would result in the:

1) 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 applicable standards of other agencies.

2) Generation of excessive groundborne vibration or groundborne noise levels.

3) For a project located within the vicinity of a private airstrip or an airport land use plan or, where such a plan has not been adopted, within two miles of a public airport or public use airport, would the project expose people residing or working in the project area to excessive noise levels.

For this analysis, Project construction noise is evaluated against the City's allowable hours of construction hours and the City's allowable construction noise standard of 100 dBA L_{max}. To assess vibration impacts, this analysis uses the city's vibration criteria as codified in Chapter 9.36, Vibration Ordinance, of the Municipal Code. The increase in transportation-related noise is compared against the FICON recommendation for evaluating the impact of increased traffic noise, as described in detail above. Onsite noise generated as a result of Project operations is compared to City's exterior noise standards (see Table 4-3).

5.2 Methodology

This analysis of the existing and future noise environments is based on empirical observations and noise prediction modeling. Predicted construction noise levels were calculated utilizing the FHWA's Roadway Construction Noise Model (2006). Groundborne vibration levels associated with construction-related activities for the Project have been evaluated utilizing typical groundborne vibration levels associated with construction equipment. Potential groundborne vibration impacts related to structural damage and human annoyance were evaluated, taking into account the distance from construction activities to nearby structures and the City's criteria for structural damage and human annoyance.

Baseline transportation noise levels for the Project were calculated using the FHWA Traffic Noise Prediction Model (FHWA-RD-77-108). The increase in ambient noise levels was determined based on average daily traffic (ADT), derived from p.m. peak-hour volumes as presented in the Traffic Impact Analysis Report (Linscott, Law, and Greenspan Engineers 2023). On-site stationary source noise levels associated with the Project have been calculated using a combination of reference noise measurement data collected by ECORP staff, reference sound specifications for stationary equipment, and FTA reference levels for parking structures.

5.3 Impact Analysis

5.3.1 Would the Project Result in Short-Term Construction-Generated Noise in Excess of County Standards?

Onsite Construction Noise

Construction noise associated with the Proposed Project would be temporary and would vary depending on the specific nature of the activities being performed. Noise generated would primarily be associated with the operation of off-road equipment for onsite construction activities as well as construction vehicle traffic on area roadways. Construction noise typically occurs intermittently and varies depending on the nature or phase of construction (e.g., site preparation, excavation, paving). Noise generated by construction equipment, including earth movers, pile drivers, and portable generators, can reach high levels. Typical operating cycles for these types of construction equipment may involve one or two minutes of full power operation followed by three to four minutes at lower power settings. Other primary sources of acoustical disturbance would be random incidents, which would last less than one minute (such as dropping large pieces of equipment or the hydraulic movement of machinery lifts). During construction, exterior noise levels could negatively affect sensitive land uses in the vicinity of the construction site.

The nearest sensitive receptors to the Project Area include residences directly adjacent to the south and east of the Project Site. There are also sensitive residential receptors located directly across Menlo Avenue to the west. As previously mentioned, the Municipal Code's Section 9.34.060 limits hours of construction between 7:00 a.m. and 6:00 p.m. on Monday through Friday, and between 8:00 a.m. and 5:00 p.m. on Saturdays. No construction is allowed on Sundays and Federal Holidays. In order to remain compliant with the City's regulations, the Proposed Project would be required to follow these construction guidelines.

Recent case law holds that the use of an absolute noise threshold for evaluating all ambient noise impacts violated CEQA because it did not provide a "complete picture" of the noise impacts that may result from implementation of the ordinance. As such, the Proposed Project's construction noise is estimated and then added to the average daily ambient noise level in the Project Area as determined by the baseline noise survey conducted by ECORP Consulting (see Table 3-1). As previously described, the dB scale is logarithmic, not linear, and therefore sound levels cannot be added or subtracted through ordinary arithmetic. For example, a 65-dB source of sound, such as a truck, when joined by another 65 dB source results in a sound amplitude of 68 dB, not 130 dB (i.e., doubling the source strength increases the sound pressure by three dB).

To estimate the worst-case onsite construction noise levels that may occur at the nearest noise-sensitive receptor and in order to evaluate the potential health-related effects (physical damage to the ear) from construction noise, the construction equipment noise levels were calculated using the Roadway Noise Construction Model and compared against the City's construction nose limit of 100 dBA L_{max}.

It is acknowledged that the majority of construction equipment is not situated at any one location during construction activities, but rather spread throughout the Project Site and at various distances from sensitive

receptors. Therefore, this analysis employs FTA guidance for calculating construction noise, which recommends measuring construction noise produced by all construction equipment simultaneously from the center of the Project Site (FTA 2018), which in this case is approximately 65 feet from the closest residential dwelling south and east of the Project Site, along Menlo Avenue and Oxford Avenue. The anticipated short-term construction noise levels generated for the necessary equipment for each phase of construction are presented in Table 5-1.

Table 5-1. Construction Average (dBA L_{max}) Noise Levels at Nearest Receptors

Construction Phase	Exterior Construction Noise Level @ Closest Noise Sensitive Receptor	City's Construction Noise Standard	Exceeds Standards?
Demolition	89.6	*100*	**No**
Grading	84.0	*100*	**No**
Building Construction, Paving, and Painting	84.0	*100*	**No**

Source: Construction noise levels were calculated by ECORP Consulting using the FHWA Roadway Noise Construction Model (FHWA 2006). Refer to Attachment C for Model Data Outputs.

Notes: *Average ambient noise levels of the Project Area were estimated using the average L_{eq} of the four short term noise measurement taken on August 26, 2024, and identified in Table 3-1.

Construction equipment used during construction was provided by the Project Applicant. Consistent with FTA recommendations for calculating construction noise, construction noise was measured from the center of the Project Site (FTA 2018), which is 65 feet from the nearest sensitive receptor.

L_{max} = the maximum root mean squared (RMS) sound level measured over a given period, based on time-weighted sound levels in decibels (dB).

As shown in Table 5-1, the Project's construction noise levels would not exceed the City's 100 dBA Lmax construction noise threshold during any phase of construction at the nearby noise-sensitive receptors. It is noted that construction noise was modeled on a worst-case basis. It is very unlikely that all pieces of construction equipment would be operating at the same time for the various phases of Project construction as well as at the point closest to residences.

Offsite Construction Worker Trips

Project construction would result in additional traffic on adjacent roadways over the period that construction occurs. According to the California Emissions Estimator Model, which is used to predict the number of construction-related automotive trips, the maximum number of Project construction worker/vendor trips traveling to and from the Project Site during a single construction phase would not be expected to exceed 49 daily trips in total. According to Caltrans Technical Noise Supplement to the Traffic Noise Analysis Protocol (2013), a doubling of traffic on a roadway is required to result in an increase of 3 dBA (outside of the laboratory a 3-dBA change is considered a just-perceivable difference). The Project Site would be accessible via Imperial Highway during construction. According to the City's General Plan's Circulation Element, Imperial Highway is classified as an arterial street (6 lanes) and has daily traffic volumes

in excess of 10,000. Therefore, the Project's construction trips would not result in a doubling of traffic on the local transportation network, and therefore its contribution to existing traffic noise would not be perceptible. Additionally, it is noted that construction is temporary, and these trips would cease upon completion of the Project.

5.3.2 Would the Project Result in a Substantial Permanent Increase in Ambient Noise Levels in Excess of City Standards During Operations?

As previously described, noise-sensitive land uses are locations where people reside or where the presence of unwanted sound could adversely affect the use of the land. Residences, schools, hospitals, guest lodging, libraries, and some passive recreation areas would each be considered noise-sensitive and may warrant unique measures for protection from intruding noise. The nearest existing noise-sensitive land uses to the Project Site include the single and multi-family residences to the east, south, and west across Menlo Avenue.

Operational Offsite Traffic Noise

Project-related traffic noise increases throughout the Project vicinity were estimated based on the worst case peak hour trips identified by Linscott, Law, and Greenspan Engineers (2023). The Project would generate up to 19 p.m. peak hour traffic trips along the segment of Menlo Avenue, south of Imperial Highway. To estimate the ADT volumes on this roadway segment, a standard peak hour to daily multiplier of 9 was used, resulting in the estimate of up to 171 daily trips. Calculations indicate that to achieve a 1.5 dB traffic noise increase, traffic volumes would need to grow by approximately 40 percent over existing traffic volumes. The addition of 171 daily trips would be minimal and not result in a 40 percent increase over existing traffic volumes in the vicinity of the Project Site.

Operational Onsite Noise

Rooftop Terrace

According to the conceptual site plan, the Project will feature an L-shaped outdoor rooftop terrace on the 6th floor, oriented to face Imperial Highway (north) and Menlo Avenue (west). The primary noise source from this terrace would be conversational noise. A typical conversation between two people at a distance of three feet generates approximately 60 dBA (Engineering ToolBox, 2005). The southern and eastern corner areas of the L-shaped terrace are approximately 30 feet from the nearest southern and eastern residential receptors and approximately 65 feet from the nearest residential receptors to the west across Menlo Avenue. As previously described in Section 2.1.2, *Sound Propagation and Attenuation*, sound level attenuates at a rate of approximately 6 dB (dBA) for each doubling of distance from a stationary or point source (FHWA 2017). Therefore, at these distances, noise levels are estimated to attenuate to 40 dBA and 33 dBA, respectively.

When voices are raised, the noise level between two people at a distance of three feet increases to 66 dBA, resulting in attenuated noise levels of approximately 39 to 46 dBA at the closest receptors. People will be dispersed across the L-shaped terrace, and the height difference between the 6th-floor terrace and the nearby 2-story residential receptors to the south, east, and west would provide further noise attenuation.

As a result, noise levels would not exceed the daytime and nighttime Regional Commercial special noise standards of 60/50 dBA L_{eq}, respectively.

HVAC

According to available site plans, HVAC equipment will be installed near the center of the rooftop. The specific make and model of the rooftop HVAC unit is unknown; however, variable refrigerant flow (VRF) HVAC units are best for larger mixed-use type buildings, such as the Proposed Project. Modular rooftop VRF units generate noise levels of 69 dBA at 3.3 feet (Carrier 2020). The nearest residential receptors from the proposed HVAC location are approximately 65 feet to the south and east. At 65 feet HVAC noise levels would attenuate to approximately 43 dBA. This would not exceed the daytime and nighttime Regional Commercial special noise standards of 60/50 L_{eq}, respectively.

Parking Structure

The proposed parking structure would be designed to be valet-operated and equipped with automated mechanical systems to accommodate stacked parking. The exterior of the parking structure will feature perforated metal for ventilation and aesthetic purposes.

For the purpose of analyzing Project noise from the proposed parking structure, the FTA's reference Sound Exposure Level (SEL) is used. This reference level is converted to an Equivalent Continuous Sound Level (L_{eq}) using the conversion formula outlined in Table 5-2, which details the conversion of SEL to L_{eq} for parking garage noise. The table illustrates how to calculate L_{eq} at a distance of 50 feet from the parking garage, based on vehicle noise and traffic volume.

The Project Site Plans indicate a total of 57 parking stalls in the garage. For this assessment, a worst-case scenario is assumed, with each stall experiencing one turnover per hour, resulting in a volume of 57 automobiles per hour—exceeding the estimated peak hour traffic volume of 19 trips along Menlo, south of Imperial Highway. The p.m. peak hour was selected for this analysis as it exhibited higher traffic volumes and, consequently, represented the worst-case noise scenario compared to the a.m. peak hour. Based on the calculations in Table 5-2, noise levels would reach up to 44.0 dBA L_{eq} at a distance of 50 feet.

Additionally, noise levels associated with automatic parking systems are between 50 to 52 dBA at 6 feet (Parkmatic, n.d.). At 50 feet this would attenuate 31.6 dBA. Noise levels associated with the parking structure would not exceed the daytime and nighttime Regional Commercial special noise standards of 60/50dBA L_{eq}, respectively.

Table 5-2. Conversion of SEL to L_{eq} for Parking Garage Noise

Description	Input Values	Calculated Values
Reference Sound Exposure Level (SELref)	92 dB	--
Average number of automobiles per hour: NA	57	--
Volume Adjustment (CN)	10log10(57/1000)	-12.4 dBA L_{eq}

Table 5-2. Conversion of SEL to L_{eq} for Parking Garage Noise		
Description	**Input Values**	**Calculated Values**
Calculated Parking Garage L_{eq} at 50 feet	92 dB+ (-12.3 dB) – 35.6 dB	44.0 dBA L_{eq}

Equation: L_{eq} at 50 = SELref + CN – 35.6
Source: FTA 2018
Note: CN is calculated using the logarithmic scale to adjust the SEL based on traffic volume per hour. The final L_{eq} reflects the adjusted noise level considering both traffic volume and standard noise attenuation over distance.

5.3.3 Would the Project Expose Structures to Substantial Groundborne Vibration During Construction?

Excessive groundborne vibration impacts result from continuously occurring vibration levels. Increases in groundborne vibration levels attributable to the Project would be primarily associated with short-term construction-related activities. Construction on the Project Site would have the potential to result in varying degrees of temporary groundborne vibration, depending on the specific construction equipment used and the operations involved. Ground vibration generated by construction equipment spreads through the ground and diminishes in magnitude with increases in distance.

As discussed in Chapter 4.0, *Regulatory Framework*, the City's criteria for vibration damage is set at 0.2 inches per second (in/sec) Peak Particle Velocity (PPV) for non-engineered timber structures and 78 VdB for vibration annoyance, which would apply to the surrounding residential uses. Since vibration damage is assessed in terms of PPV, the relevant distance is measured from the edge of the construction site to the nearest façade of an off-site building.

In contrast, vibration annoyance—measured in VdB (vibration decibels, expressed in Root Mean Square or RMS)—focuses on human perception rather than structural damage. For this reason, vibration annoyance is typically measured from the center of the Project Site.

Vibration-Induced Architectural Damage

The nearest structures to the Project Site are the single and multi-family homes to the south, east, and west across Menlo Avenue. Based on available site plans, the residential buildings would be within 15 feet of proposed paving activities for driveways to the south and east, and within 60 feet to single-family homes to the west across Menlo Avenue. Groundborne vibration (PPV) levels associated with construction equipment are summarized in Table 5-3. As shown in Table 5-3, vibration from construction equipment would not exceed the FTA vibration criteria of 0.2 in/sec PPV. It should be noted that a vibratory roller was not included in the analysis, as the Project Applicant specifically indicated that it would not be used, despite its inclusion in the FTA's reference equipment list.

Table 5-3. Vibration Damage Levels at Nearby Structures			
Equipment Type	**Vibration Levels, PPV (in/sec)**		
	FTA Reference at 25 Feet	**Residential Structures to South and East at 15 feet**	**Residential Structures to West at 60 feet**
Hoe Ram	0.089	0.191	0.024
Large Bulldozer	0.089	0.191	0.024
Caisson Drilling	0.089	0.191	0.024
Loaded Trucks	0.076	0.164	0.020
Jackhammer	0.035	0.075	0.009
Small Bulldozer	0.003	0.006	0.001

Source: Hawthorne Municipal Code; FTA 2018

Vibration-Induced Annoyance

The nearest sensitive receptors are from the center of the site are the single-and multifamily residences approximately 65 feet to the south and east of the Project Site. As shown in Table 4-4, vibration annoyance levels would not exceed the City's residential criterion of 78 VdB. .

Table 5-4. Vibration Annoyance Levels at Nearby Residential Receptors			
Equipment Type	**Vibration Levels, VdB**		
	FTA Reference at 25 Feet	**Residential Structures to South and East at 65 feet**	**Residential Structures to West at 115 feet**
Hoe Ram	87	75	67
Large Bulldozer	87	75	67
Caisson Drilling	87	75	67
Loaded Trucks	86	74	66
Jackhammer	79	67	59
Small Bulldozer	58	46	38

Source: Hawthorne Municipal Code; FTA 2018

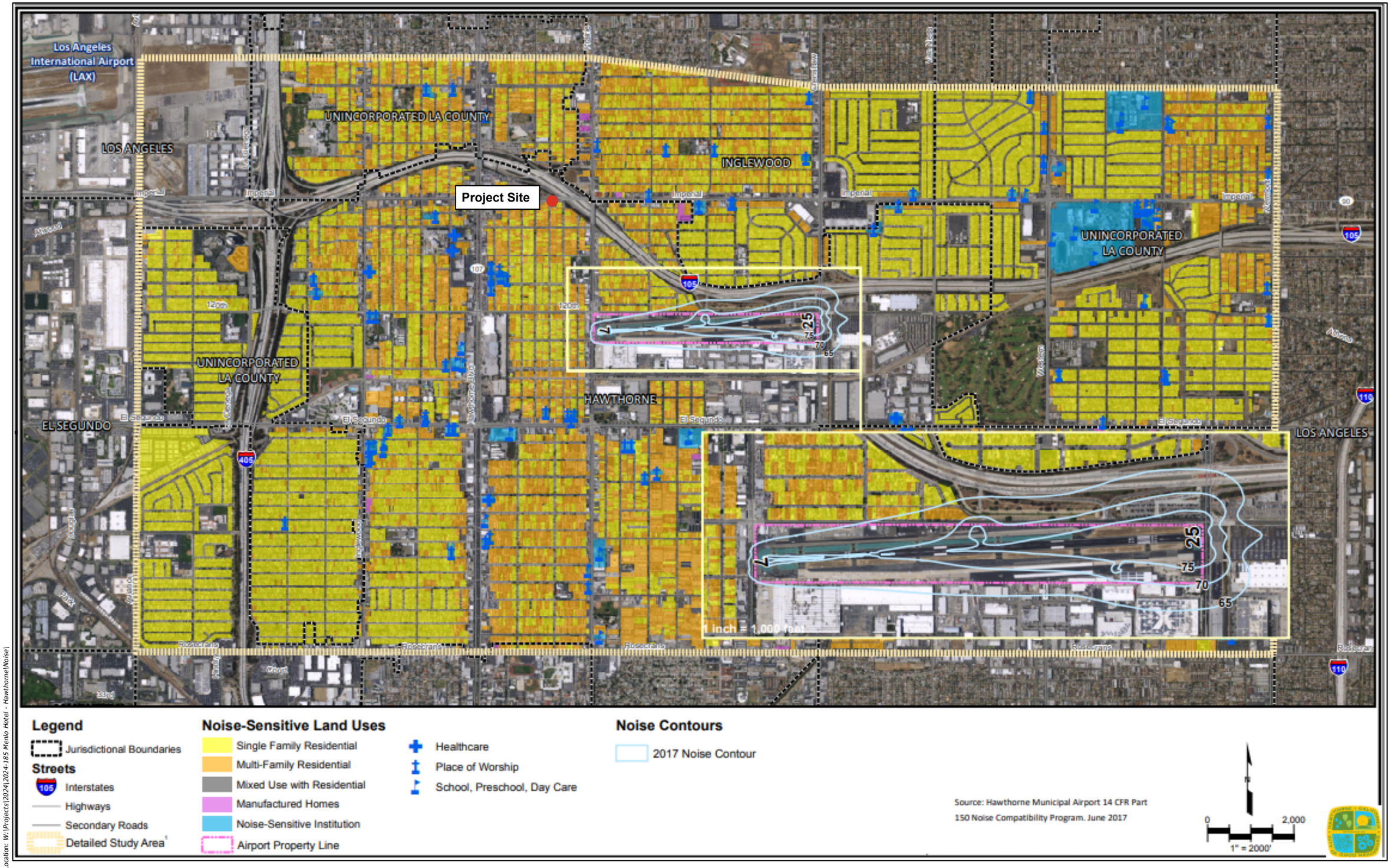
5.3.4 Would the Project Expose Structures to Substantial Groundborne Vibration During Operations?

Project operations would not include the use of any stationary equipment that would result in excessive vibration levels. The Project would not attract large numbers of heavy-duty trucks or include heavy-duty

stationary equipment. Therefore, the Project would result in negligible groundborne vibration impacts during operations.

5.3.5 Would the Project Expose People Residing or Working in the Project Area to Excessive Airport Noise?

The Project Site is located approximately 0.54 miles northwest of the Hawthorne Municipal Airport. According to the General Plan Noise Element, and as shown in Figure 5-1, the Project Site is located outside the Hawthorne Municipal Airport 65 dBA CNEL noise contour. The next nearest airport is Los Angeles International airport, 2 miles northwest of the Project Site. Therefore, the Proposed Project would not expose those visiting or working on the Project Site to excessive airport noise.



Location: W:\Projects\2024\2024-185 Menlo Hotel - Hawthorne\Noise\

Map Date: *May 2018*
Photo Source: *Hawthorne, City of. Hawthorne General Plan*

ECORP Consulting, Inc.
ENVIRONMENTAL CONSULTANTS

Figure 5-1. Hawethorn Airport Land Use Compatibility Map

2024-185 Menlo Hotel Project

6.0 REFERENCES

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LIST OF ATTACHMENTS

Attachment A - Baseline (Existing) Noise Measurements – Project Site and Vicinity

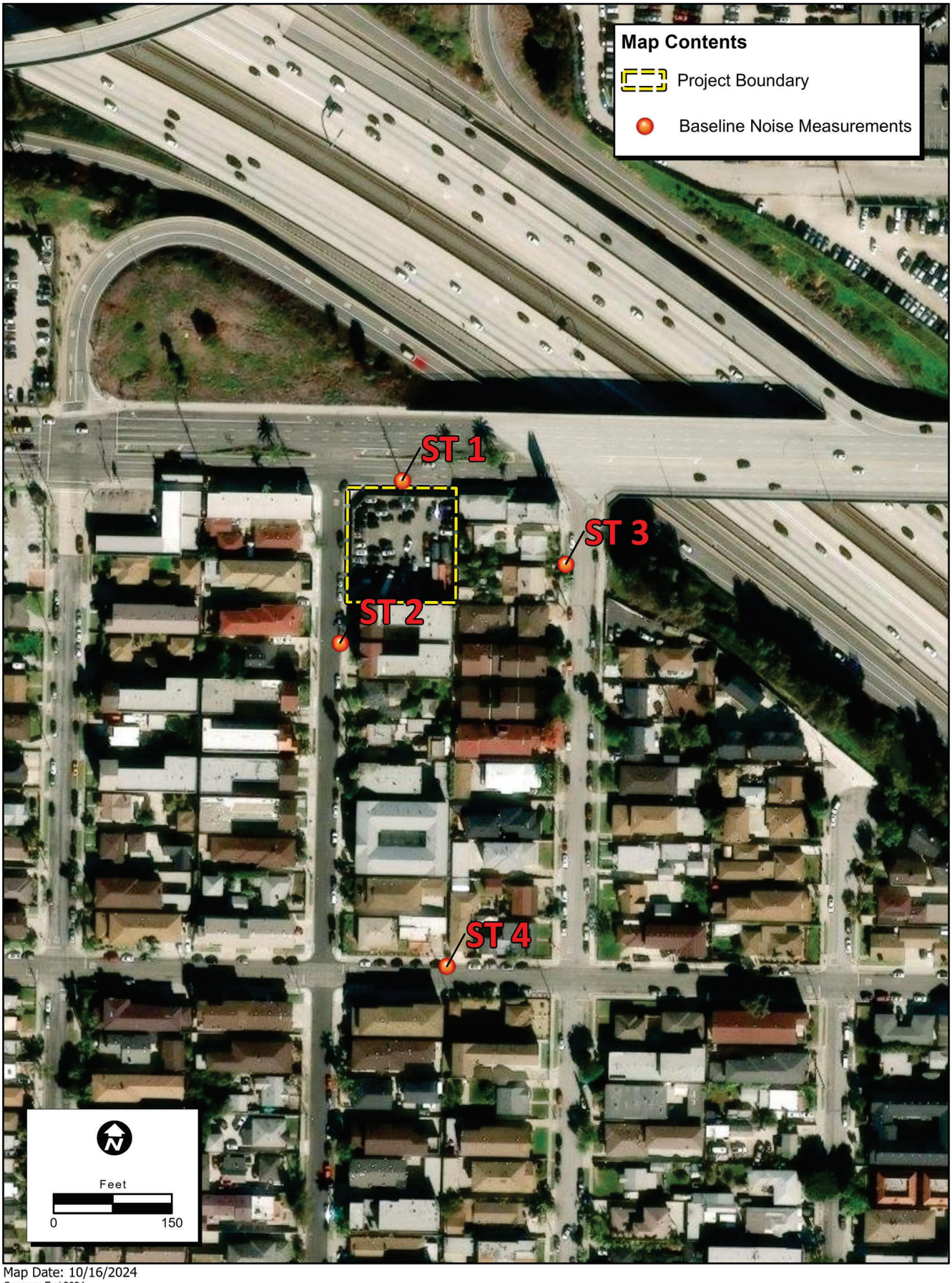
Attachment B – Federal Highway Noise Prediction Model (FHWA-RD-77-108) Outputs – Project Traffic Noise

Attachment C – Federal Highway Administration Roadway Construction Noise Model Outputs – Project Construction

Attachment D – Vibration and Stationary Noise Attenuation Outputs

ATTACHMENT A

Baseline (Existing) Noise Measurements – Project Site and Vicinity



Location: W:\Projects\2024\2024-185 Menlo Hotel - Hawthorne\Noise\Baseline Noise Survey\Baseline Noise Measurement Map.aprx - Portrait Template (agne - 10/16/2024)

Map Date: 10/16/2024

Sources: Esri 2024

Baseline Noise Measurement Map

ECORP Consulting, Inc.
ENVIRONMENTAL CONSULTANTS

Menlo Hotel Project 2024-185

Site Number: 1			
Recorded By: Lindsay Buck			
Job Number: 2024-185			
Date: 8/26/24			
Time: 10:49			
Location: on sidewalk south of Imperial Highway and north of 4120 W Imperial Highway			
Source of Peak Noise: vehicles along Imperial Highway			
Noise Data			
Leq (dB)	**Lmin (dB)**	**Lmax (dB)**	**Peak (dB)**
66.0	57.4	84.2	100.0

Equipment						
Category	**Type**	**Vendor**	**Model**	**Serial No.**	**Cert. Date**	**Note**
Sound	Sound Level Meter	**Larson Davis**	**Spartan 821**	**30100**	**05/22/2024**	
	Microphone	**Larson Davis**	**377B02**	**352537**	**04/12/2024**	
	Preamp	**Larson Davis**	**PRM821**	**001679**	**04/26/2024**	
	Calibrator	**Larson Davis**	**CAL200**	**226638**	**05/20/2024**	

Weather Data			
Est.	**Duration:** 15 min		**Sky:** clear
	Note: dBA Offset = 0.1		**Sensor Height (ft):** 3.5
	Wind Ave Speed (mph)	**Temperature (degrees Fahrenheit)**	**Barometer Pressure (hPa)**
	4	78	30.05

Photo of Measurement Location



LARSON DAVIS
A PCB DIVISION

Spartan 821 Summary: 2024-08-30 13:53:01

User:

Location:

Job Description:

Notes:

Meter General Information

	Model	Serial
Meter	Spartan 821	30100
Preamp	PRM821	
Microphone	377B02	
Unique File Id	00A:00007594:66CC5DD2:00000225	

Overall Measurement

Start Date & Time	2024-08-26 10:49:54
Stop Date & Time	2024-08-26 11:04:54
Run Time	00:15:00
Pre-Calibration	
Date/Time	2024-08-26 10:47:37
Calibrator Level	114.0 dB
Meter Sensitivity	-26.07 dB re 1V/Pa
Post-Calibration	
Date/Time	---
Calibrator Level	---
Meter Sensitivity	---
Sensitivity Delta	---
LAleq	69.8 dB

	A	C	Z
Lweq	66.0	76.8	79.0
Lwpk	100.0 dB	101.4 dB	101.5 dB
	2024-08-26 11:03:57	2024-08-26 10:55:08	2024-08-26 10:55:08
LwSmin	57.4 dB	70.3 dB	72.6 dB
	2024-08-26 11:01:16	2024-08-26 11:01:24	2024-08-26 11:00:53
LwSmax	84.2 dB	87.7 dB	88.9 dB
	2024-08-26 11:03:57	2024-08-26 10:56:08	2024-08-26 10:56:08
LwFmin	56.8 dB	68.7 dB	70.4 dB
	2024-08-26 11:01:15	2024-08-26 11:00:42	2024-08-26 11:00:52
LwFmax	89.6 dB	91.9 dB	92.9 dB
	2024-08-26 11:03:57	2024-08-26 10:56:06	2024-08-26 10:56:06
LwImin	58.1 dB	72.5 dB	75.4 dB
	2024-08-26 11:01:16	2024-08-26 11:01:25	2024-08-26 11:01:26
LwImax	91.0 dB	94.5 dB	95.7 dB
	2024-08-26 11:03:57	2024-08-26 10:56:06	2024-08-26 10:56:06

w = frequency weighting (A, C or Z)

Overload Count	0
Overload Duration	00:00:00

	A	C	Z
Under Range Peak	50.0 dB	50.0 dB	62.0 dB
Under Range Limit	24.0 dB	27.0 dB	37.0 dB
Noise Floor	17.0 dB	18.0 dB	25.0 dB

Ln Percentiles

LAS 5.0	70.2 dB
LAS 10.0	68.8 dB
LAS 33.3	65.3 dB
LAS 50.0	63.5 dB
LAS 66.6	62.2 dB
LAS 90.0	60.3 dB

Virtual Dosimeters

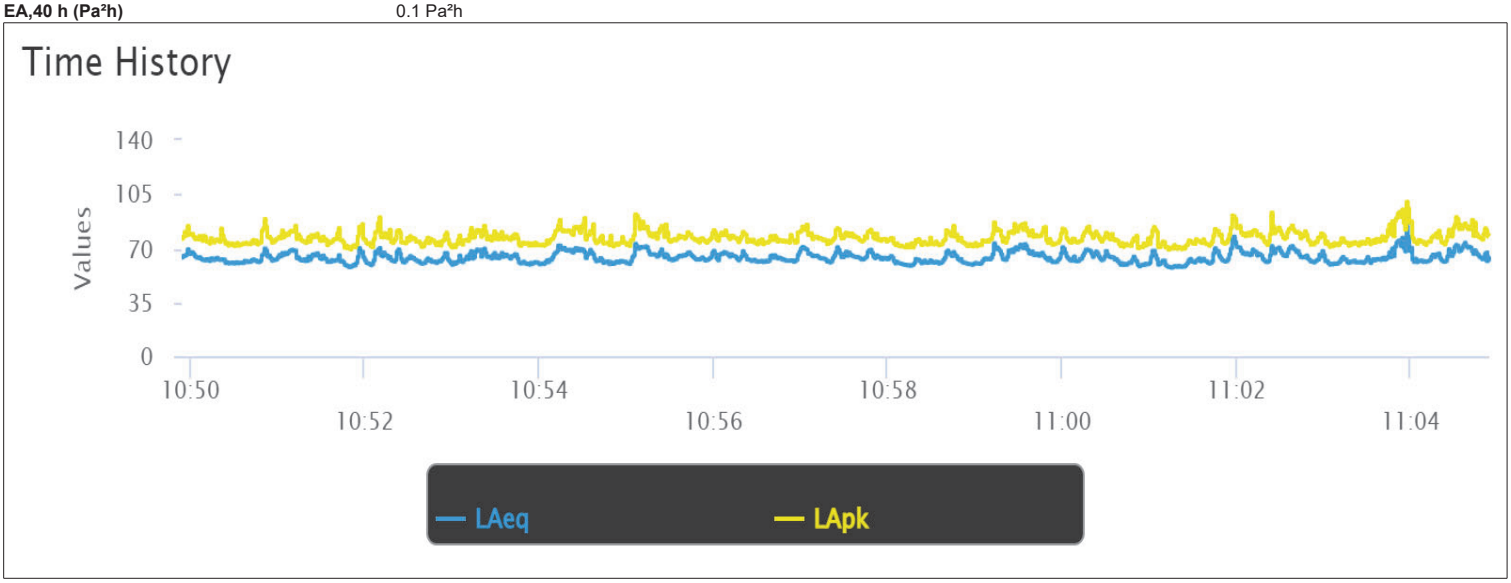
	1	2	3	4
Configuration	OSHA-PEL	OSHA-HC	ACGIH	NIOSH
Dose	0.0%	0.0%	0.0%	0.0%
Projected Dose	0.0%	0.1%	0.1%	0.1%
Lavg	--- dB	36.8 dB	55.1 dB	55.1 dB
TWA(8)	--- dB	11.8 dB	40.0 dB	40.0 dB
Projected TWA(8)	--- dB	36.8 dB	55.1 dB	55.1 dB
Criterion Level	90.0 dB	90.0 dB	85.0 dB	85.0 dB
Threshold Level	90.0 dB	80.0 dB	80.0 dB	80.0 dB
Exchange Rate	5 dB	5 dB	3 dB	3 dB
LEP'd/Lex,8h	51.0 dB	51.0 dB	51.0 dB	51.0 dB
Projected LEP'd/Lex,8h	66.0 dB	66.0 dB	66.0 dB	66.0 dB
Shift Time	8 hours	8 hours	8 hours	8 hours

Exceedances

	Count	Duration
LAS > 85 dB	0	0
LAS > 95 dB	0	0
LCpk > 135 dB	0	0
LCpk > 137 dB	0	0
LCpk > 140 dB	0	0

Sound Exposure

SELA	95.6 dB
EA (Pa²s)	1.4 Pa²s
EA,8 h (Pa²s)	46.3 Pa²s
EA,40 h (Pa²s)	231.5 Pa²s
EA (Pa²h)	0.0 Pa²h
EA,8 h (Pa²h)	0.0 Pa²h
EA,40 h (Pa²h)	0.1 Pa²h



Site Number: 2			
Recorded By: Lindsay Buck			
Job Number: 2024-185			
Date: 8/26/24			
Time: 11:11			
Location: on sidewalk east of Menlo Avenue and west of property at 11410 Menlo Avenue			
Source of Peak Noise: vehicles along Menlo Road and Imperial Highway			
Noise Data			
Leq (dB)	**Lmin (dB)**	**Lmax (dB)**	**Peak (dB)**
60.0	48.8	81.7	114.6

Equipment						
Category	**Type**	**Vendor**	**Model**	**Serial No.**	**Cert. Date**	**Note**
Sound	Sound Level Meter	**Larson Davis**	**Spartan 821**	**30100**	**05/22/2024**	
	Microphone	**Larson Davis**	**377B02**	**352537**	**04/12/2024**	
	Preamp	**Larson Davis**	**PRM821**	**001679**	**04/26/2024**	
	Calibrator	**Larson Davis**	**CAL200**	**226638**	**05/20/2024**	

Weather Data			
Est.	**Duration:** 15 min	**Sky:** clear	
	Note: dBA Offset = 0.1	**Sensor Height (ft):** 3.5	
	Wind Ave Speed (mph)	**Temperature (degrees Fahrenheit)**	**Barometer Pressure (hPa)**
	5	79	30.06

Photo of Measurement Location



LARSON DAVIS
A PCB DIVISION

Spartan 821 Summary: 2024-08-30 13:53:31

User:

Location:

Job Description:

Notes:

Meter General Information

	Model	Serial
Meter	Spartan 821	30100
Preamp	PRM821	
Microphone	377B02	
Unique File Id	00A:00007594:66CC62F3:0000022B	

Overall Measurement

Start Date & Time	2024-08-26 11:11:47
Stop Date & Time	2024-08-26 11:26:48
Run Time	00:15:01
Pre-Calibration	
Date/Time	2024-08-26 10:47:37
Calibrator Level	114.0 dB
Meter Sensitivity	-26.07 dB re 1V/Pa
Post-Calibration	
Date/Time	---
Calibrator Level	---
Meter Sensitivity	---
Sensitivity Delta	---
LAleq	69.9 dB

	A	C	Z
Lweq	60.0	70.1	81.0
Lwpk	114.6 dB	113.7 dB	115.0 dB
	2024-08-26 11:11:59	2024-08-26 11:11:59	2024-08-26 11:11:59
LwSmin	48.8 dB	62.9 dB	66.6 dB
	2024-08-26 11:26:13	2024-08-26 11:14:38	2024-08-26 11:14:33
LwSmax	81.7 dB	87.7 dB	93.4 dB
	2024-08-26 11:11:57	2024-08-26 11:22:59	2024-08-26 11:24:58
LwFmin	48.3 dB	60.9 dB	63.6 dB
	2024-08-26 11:26:12	2024-08-26 11:14:33	2024-08-26 11:14:33
LwFmax	89.4 dB	90.2 dB	97.1 dB
	2024-08-26 11:11:57	2024-08-26 11:22:58	2024-08-26 11:24:53
Lwlmin	49.6 dB	65.2 dB	70.0 dB
	2024-08-26 11:26:13	2024-08-26 11:14:38	2024-08-26 11:14:31
Lwlmax	93.5 dB	93.7 dB	99.7 dB
	2024-08-26 11:11:57	2024-08-26 11:11:57	2024-08-26 11:24:53

w = frequency weighting (A, C or Z)

Overload Count	0
Overload Duration	00:00:00

	A	C	Z
Under Range Peak	50.0 dB	50.0 dB	62.0 dB
Under Range Limit	24.0 dB	27.0 dB	37.0 dB
Noise Floor	17.0 dB	18.0 dB	25.0 dB

Ln Percentiles

LAS 5.0	63.1 dB
LAS 10.0	60.0 dB
LAS 33.3	55.4 dB
LAS 50.0	54.0 dB
LAS 66.6	53.0 dB
LAS 90.0	51.4 dB

Virtual Dosimeters

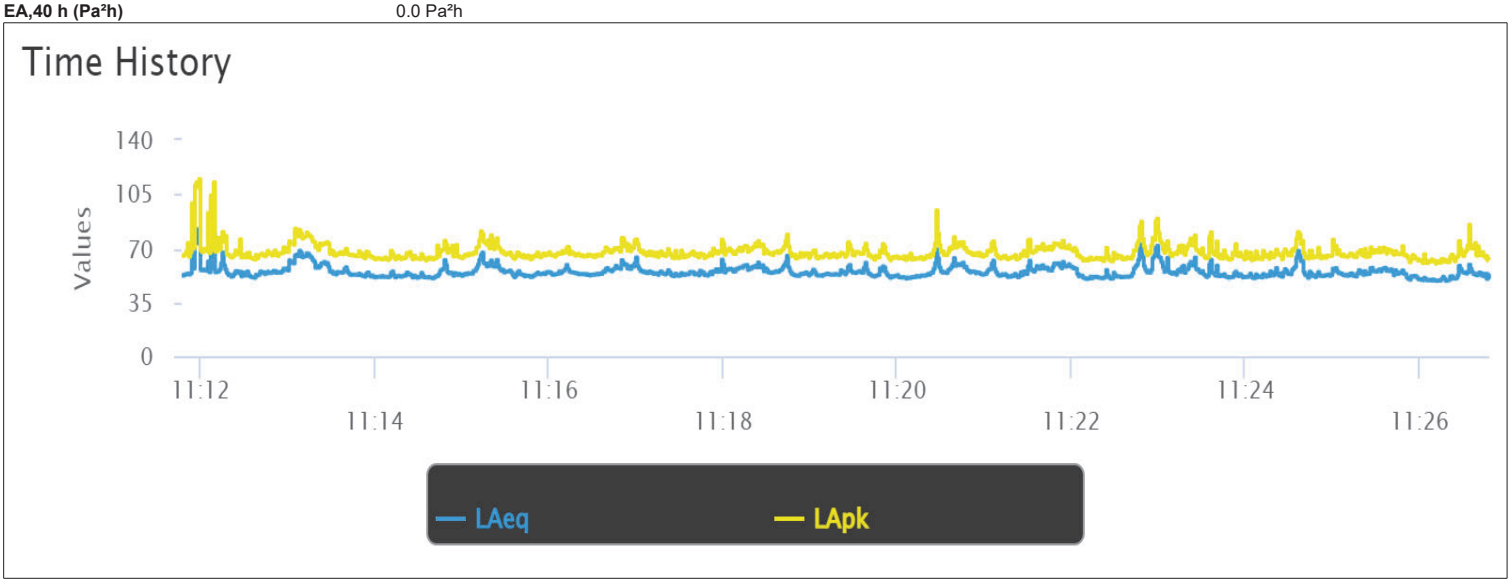
	1	2	3	4
Configuration	OSHA-PEL	OSHA-HC	ACGIH	NIOSH
Dose	0.0%	0.0%	0.0%	0.0%
Projected Dose	0.0%	0.0%	0.0%	0.0%
Lavg	--- dB	32.0 dB	51.5 dB	51.5 dB
TWA(8)	--- dB	7.0 dB	36.4 dB	36.4 dB
Projected TWA(8)	--- dB	32.0 dB	51.5 dB	51.5 dB
Criterion Level	90.0 dB	90.0 dB	85.0 dB	85.0 dB
Threshold Level	90.0 dB	80.0 dB	80.0 dB	80.0 dB
Exchange Rate	5 dB	5 dB	3 dB	3 dB
LEP'd/Lex,8h	44.9 dB	44.9 dB	44.9 dB	44.9 dB
Projected LEP'd/Lex,8h	60.0 dB	60.0 dB	60.0 dB	60.0 dB
Shift Time	8 hours	8 hours	8 hours	8 hours

Exceedances

	Count	Duration
LAS > 85 dB	0	0
LAS > 95 dB	0	0
LCpk > 135 dB	0	0
LCpk > 137 dB	0	0
LCpk > 140 dB	0	0

Sound Exposure

SELA	89.5 dB
EA (Pa²s)	0.4 Pa²s
EA,8 h (Pa²s)	11.5 Pa²s
EA,40 h (Pa²s)	57.5 Pa²s
EA (Pa²h)	0.0 Pa²h
EA,8 h (Pa²h)	0.0 Pa²h
EA,40 h (Pa²h)	0.0 Pa²h



Site Number: 3
Recorded By: Lindsay Buck
Job Number: 2024-185
Date: 8/26/24
Time: 11:31
Location: on sidewalk east of property at 11413 Oxford Avenue and west of Oxford Avenue
Source of Peak Noise: vehicles along Oxford Avenue

Noise Data			
Leq (dB)	**Lmin (dB)**	**Lmax (dB)**	**Peak (dB)**
64.6	60.2	70.2	85.4

Equipment						
Category	**Type**	**Vendor**	**Model**	**Serial No.**	**Cert. Date**	**Note**
Sound	Sound Level Meter	**Larson Davis**	**Spartan 821**	**30100**	**05/22/2024**	
	Microphone	**Larson Davis**	**377B02**	**352537**	**04/12/2024**	
	Preamp	**Larson Davis**	**PRM821**	**001679**	**04/26/2024**	
	Calibrator	**Larson Davis**	**CAL200**	**226638**	**05/20/2024**	

Weather Data			
Est.	**Duration:** 15 min	**Sky:** clear	
	Note: dBA Offset = 0.1	**Sensor Height (ft):** 3.5	
	Wind Ave Speed (mph)	**Temperature (degrees Fahrenheit)**	**Barometer Pressure (hPa)**
	5	80	30.05

Photo of Measurement Location



LARSON DAVIS
A PCB DIVISION

Spartan 821 Summary: 2024-08-30 13:54:02

User:

Location:

Job Description:

Notes:

Meter General Information

	Model	Serial
Meter	Spartan 821	30100
Preamp	PRM821	
Microphone	377B02	
Unique File Id	00A:00007594:66CC677B:00000232	

Overall Measurement

Start Date & Time	2024-08-26 11:31:07
Stop Date & Time	2024-08-26 11:46:07
Run Time	00:15:00
Pre-Calibration	
Date/Time	2024-08-26 10:47:37
Calibrator Level	114.0 dB
Meter Sensitivity	-26.07 dB re 1V/Pa
Post-Calibration	
Date/Time	---
Calibrator Level	---
Meter Sensitivity	---
Sensitivity Delta	---
LAleq	66.0 dB

	A	C	Z
Lweq	64.6	73.2	76.5
Lwpk	85.4 dB	94.1 dB	96.3 dB
	2024-08-26 11:42:48	2024-08-26 11:43:20	2024-08-26 11:32:17
LwSmin	60.2 dB	68.4 dB	71.7 dB
	2024-08-26 11:43:01	2024-08-26 11:43:01	2024-08-26 11:36:00
LwSmax	70.2 dB	81.1 dB	85.0 dB
	2024-08-26 11:44:58	2024-08-26 11:36:49	2024-08-26 11:32:17
LwFmin	59.2 dB	66.5 dB	69.5 dB
	2024-08-26 11:43:00	2024-08-26 11:43:01	2024-08-26 11:43:00
LwFmax	72.5 dB	83.0 dB	89.4 dB
	2024-08-26 11:44:58	2024-08-26 11:36:49	2024-08-26 11:32:17
Lwlmin	61.0 dB	71.1 dB	74.4 dB
	2024-08-26 11:43:01	2024-08-26 11:43:01	2024-08-26 11:40:35
Lwlmax	73.7 dB	84.1 dB	92.2 dB
	2024-08-26 11:44:58	2024-08-26 11:39:36	2024-08-26 11:32:17

w = frequency weighting (A, C or Z)

Overload Count	0		
Overload Duration	00:00:00		
	A	**C**	**Z**
Under Range Peak	50.0 dB	50.0 dB	62.0 dB
Under Range Limit	24.0 dB	27.0 dB	37.0 dB
Noise Floor	17.0 dB	18.0 dB	25.0 dB

Ln Percentiles

LAS 5.0	66.7 dB
LAS 10.0	65.9 dB
LAS 33.3	64.8 dB
LAS 50.0	64.3 dB
LAS 66.6	63.7 dB
LAS 90.0	62.7 dB

Virtual Dosimeters

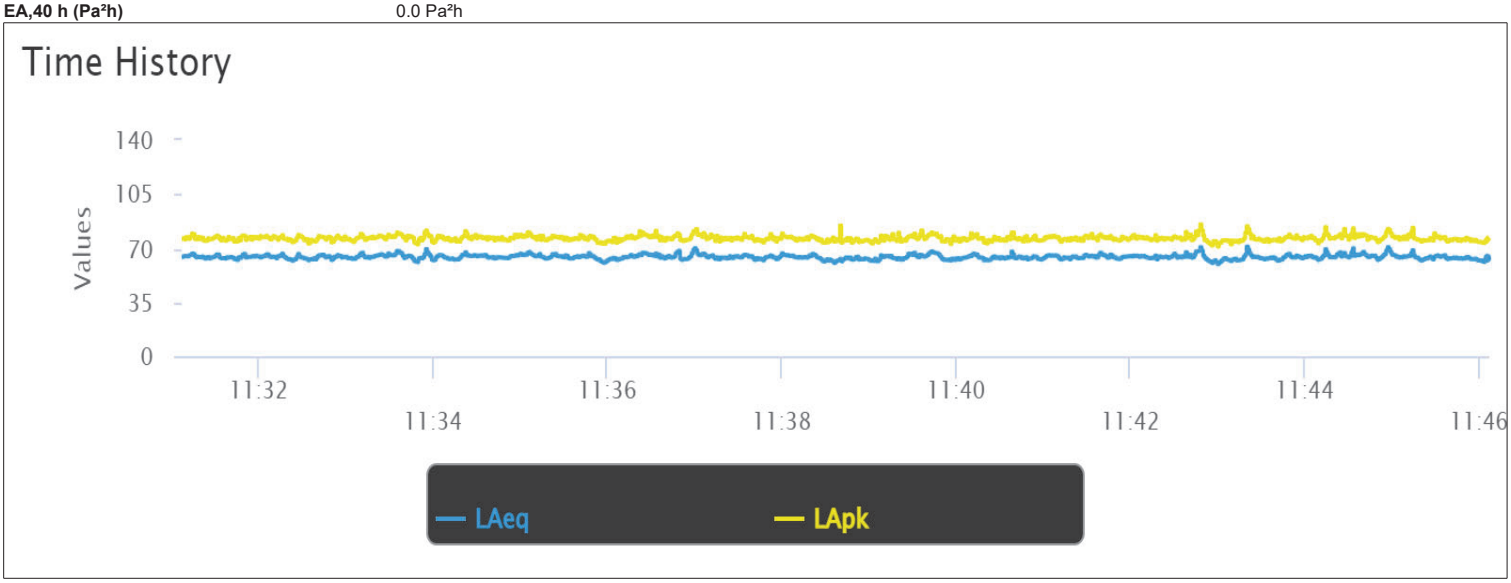
	1	2	3	4
Configuration	OSHA-PEL	OSHA-HC	ACGIH	NIOSH
Dose	0.0%	0.0%	0.0%	0.0%
Projected Dose	0.0%	0.0%	0.0%	0.0%
Lavg	--- dB	--- dB	--- dB	--- dB
TWA(8)	--- dB	--- dB	--- dB	--- dB
Projected TWA(8)	--- dB	--- dB	--- dB	--- dB
Criterion Level	90.0 dB	90.0 dB	85.0 dB	85.0 dB
Threshold Level	90.0 dB	80.0 dB	80.0 dB	80.0 dB
Exchange Rate	5 dB	5 dB	3 dB	3 dB
LEP'd/Lex,8h	49.5 dB	49.5 dB	49.5 dB	49.5 dB
Projected LEP'd/Lex,8h	64.6 dB	64.6 dB	64.6 dB	64.6 dB
Shift Time	8 hours	8 hours	8 hours	8 hours

Exceedances

	Count	Duration
LAS > 85 dB	0	0
LAS > 95 dB	0	0
LCpk > 135 dB	0	0
LCpk > 137 dB	0	0
LCpk > 140 dB	0	0

Sound Exposure

SELA	94.1 dB
EA (Pa²s)	1.0 Pa²s
EA,8 h (Pa²s)	33.1 Pa²s
EA,40 h (Pa²s)	165.7 Pa²s
EA (Pa²h)	0.0 Pa²h
EA,8 h (Pa²h)	0.0 Pa²h
EA,40 h (Pa²h)	0.0 Pa²h



Site Number: 4			
Recorded By: Lindsay Buck			
Job Number: 2024-185			
Date: 8/26/24			
Time: 11:49			
Location: on sidewalk north of 116th Street; south of property at 4119 W 116th St			
Source of Peak Noise: vehicles along 116th Street; neighbors playing music outdoors			
Noise Data			
Leq (dB)	**Lmin (dB)**	**Lmax (dB)**	**Peak (dB)**
61.9	45.7	82.4	97.6

Equipment						
Category	**Type**	**Vendor**	**Model**	**Serial No.**	**Cert. Date**	**Note**
Sound	Sound Level Meter	**Larson Davis**	**Spartan 821**	**30100**	**05/22/2024**	
	Microphone	**Larson Davis**	**377B02**	**352537**	**04/12/2024**	
	Preamp	**Larson Davis**	**PRM821**	**001679**	**04/26/2024**	
	Calibrator	**Larson Davis**	**CAL200**	**226638**	**05/20/2024**	

Weather Data			
Est.	**Duration:** 15 min	**Sky:** clear	
	Note: dBA Offset = 0.1	**Sensor Height (ft):** 3.5	
	Wind Ave Speed (mph)	**Temperature (degrees Fahrenheit)**	**Barometer Pressure (hPa)**
	6	81	30.04

Photo of Measurement Location



LARSON DAVIS
A PCB DIVISION

Spartan 821 Summary: 2024-08-30 13:54:21

User:

Location:

Job Description:

Notes:

Meter General Information

	Model	Serial
Meter	Spartan 821	30100
Preamp	PRM821	
Microphone	377B02	
Unique File Id	00A:00007594:66CC6BAF:00000239	

Overall Measurement

Start Date & Time	2024-08-26 11:49:03
Stop Date & Time	2024-08-26 12:04:03
Run Time	00:15:00
Pre-Calibration	
Date/Time	2024-08-26 10:47:37
Calibrator Level	114.0 dB
Meter Sensitivity	-26.07 dB re 1V/Pa
Post-Calibration	
Date/Time	---
Calibrator Level	---
Meter Sensitivity	---
Sensitivity Delta	---
LAleq	66.1 dB

	A	C	Z
Lweq	61.9	71.8	80.2
Lwpk	97.6 dB	106.9 dB	108.5 dB
	2024-08-26 11:59:39	2024-08-26 11:59:39	2024-08-26 11:59:38
LwSmin	45.7 dB	59.9 dB	65.1 dB
	2024-08-26 11:49:35	2024-08-26 11:53:00	2024-08-26 11:50:12
LwSmax	82.4 dB	94.5 dB	94.9 dB
	2024-08-26 11:53:56	2024-08-26 11:59:39	2024-08-26 11:59:39
LwFmin	44.9 dB	58.6 dB	63.0 dB
	2024-08-26 11:49:33	2024-08-26 11:52:59	2024-08-26 11:50:11
LwFmax	84.5 dB	98.1 dB	100.8 dB
	2024-08-26 11:59:39	2024-08-26 11:59:39	2024-08-26 11:52:00
Lwlmin	46.8 dB	62.6 dB	68.1 dB
	2024-08-26 11:49:35	2024-08-26 11:53:00	2024-08-26 11:50:13
Lwlmax	85.6 dB	98.7 dB	103.5 dB
	2024-08-26 11:53:56	2024-08-26 11:59:39	2024-08-26 11:52:00

w = frequency weighting (A, C or Z)

Overload Count	0
Overload Duration	00:00:00

	A	C	Z
Under Range Peak	50.0 dB	50.0 dB	62.0 dB
Under Range Limit	24.0 dB	27.0 dB	37.0 dB
Noise Floor	17.0 dB	18.0 dB	25.0 dB

Ln Percentiles

LAS 5.0	67.8 dB
LAS 10.0	63.0 dB
LAS 33.3	53.7 dB
LAS 50.0	51.6 dB
LAS 66.6	50.2 dB
LAS 90.0	48.2 dB

Virtual Dosimeters

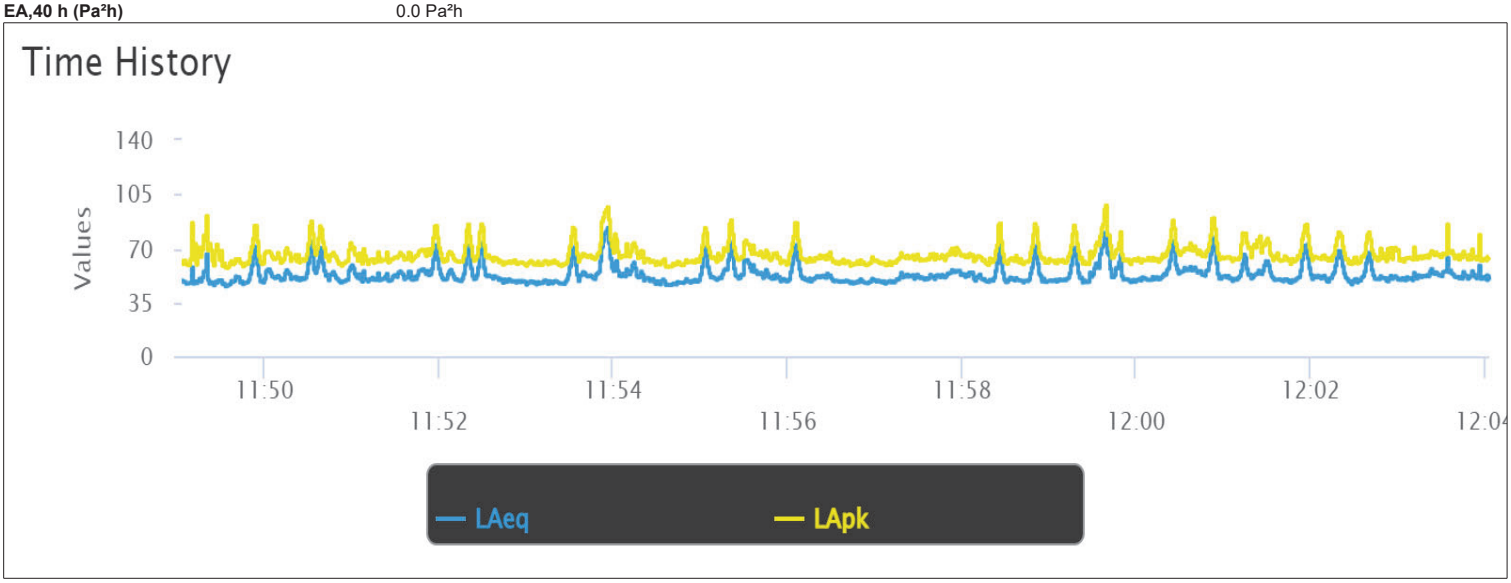
	1	2	3	4
Configuration	OSHA-PEL	OSHA-HC	ACGIH	NIOSH
Dose	0.0%	0.0%	0.0%	0.0%
Projected Dose	0.0%	0.1%	0.1%	0.1%
Lavg	--- dB	37.6 dB	55.0 dB	55.0 dB
TWA(8)	--- dB	12.6 dB	40.0 dB	40.0 dB
Projected TWA(8)	--- dB	37.6 dB	55.0 dB	55.0 dB
Criterion Level	90.0 dB	90.0 dB	85.0 dB	85.0 dB
Threshold Level	90.0 dB	80.0 dB	80.0 dB	80.0 dB
Exchange Rate	5 dB	5 dB	3 dB	3 dB
LEP'd/Lex,8h	46.9 dB	46.9 dB	46.9 dB	46.9 dB
Projected LEP'd/Lex,8h	61.9 dB	61.9 dB	61.9 dB	61.9 dB
Shift Time	8 hours	8 hours	8 hours	8 hours

Exceedances

	Count	Duration
LAS > 85 dB	0	0
LAS > 95 dB	0	0
LCpk > 135 dB	0	0
LCpk > 137 dB	0	0
LCpk > 140 dB	0	0

Sound Exposure

SELA	91.4 dB
EA (Pa²s)	0.6 Pa²s
EA,8 h (Pa²s)	17.9 Pa²s
EA,40 h (Pa²s)	89.3 Pa²s
EA (Pa²h)	0.0 Pa²h
EA,8 h (Pa²h)	0.0 Pa²h
EA,40 h (Pa²h)	0.0 Pa²h



ATTACHMENT B

Federal Highway Noise Prediction Model (FHWA-RD-77-108) Outputs – Project Traffic Noise

EXISTING TRAFFIC NOISE MODELING OUTPUTS

Federal Highway RD 77-108 Traffic Noise Model **Menlo Hotel - Hawthorne, CA**

Roadway	Segment	Traffic Model Inputs											Traffic Model Ouputs					
													100 feet			Distance to CNEL Contour		
		ADT	Posted Speed Limit	Grade	% Autos	% Med Trucks	% Heavy Trucks	% Daytime	% Evening	% Night	Number of Lanes	Site Condition	Distance to Reciever	$L_{eq\text{-}24hr}$	L_{dn}	CNEL	70 dBA	65 dBA	60 dBA
US 105	LOS ANGELES, JCT. RTE. 405, SAN DIEGO FREEWAY INTERCHANGE	238,000	65	0.0%	94.3%	3.5%	2.2%	75.0%	15.0%	10.0%	6	Soft	100	79.0	81.7	82.4	674	1453	3130

PROJECT TRAFFIC NOISE CONTRIBUTION MODELING OUTPUTS

Menlo Hotel
Traffic Noise Calculations

Roadway Segment	Project PM Peak Hour Trips	ADT Multiplier	ADT Volumes
I-105 Eastbound Ramp/Freeman Avenue north of Imperial Highway	4	9	36
I-105 Eastbound Ramp/Freeman Avenue east of Imperial Highway	17	9	153
I-105 Eastbound Ramp/Freeman Avenue west of Imperial Highway	13	9	117
Menlo Avenue south of Imperial Highway	19	9	171
Imperial Highway east of Menlo Avenue	14	9	126
Imperial Highway west of Menlo Avenue	5	9	45
Prairie Avenue north of Imperial Highway	9	9	81
Imperial Highway east of Prarie Avenue	4	9	36
Imperial Highway west of Prairie Avenue	13	9	117

ATTACHMENT C

Federal Highway Administration Roadway Construction Noise Model Outputs – Project Construction

Roadway Construction Noise Model (RCNM),Version 1.1

Report date: 10/18/2024
Case Description: Menlo Hotel

Description	**Land Use**
Demolition (Asphalt)	Residential

Description	**Impact Device**	**Usage(%)**	**Equipment Spec Lmax (dBA)**	**Actual Lmax (dBA)**	**Receptor Distance (feet)**	**Estimated Shielding (dBA)**
Concrete Saw	No	20		89.6	50	0
Jackhammer	Yes	20		88.9	50	0
Excavator	No	40		80.7	50	0

Results

Calculated (dBA)

Equipment		***Lmax**	**Leq**
Concrete Saw		89.6	82.6
Jackhammer		88.9	81.9
Excavator		80.7	76.7
	Total	89.6	**85.8**

*Calculated Lmax is the Loudest value.

Roadway Construction Noise Model (RCNM),Version 1.1

Report date: 10/18/2024
Case Description: Menlo Hotel

Description	**Land Use**
Grading	Residential

Description	**Impact Device**	**Usage(%)**	**Equipment Spec Lmax (dBA)**	**Actual Lmax (dBA)**	**Receptor Distance (feet)**	**Estimated Shielding (dBA)**
Excavator	No	40		80.7	50	0
Gradall	No	40		83.4	50	0
Dozer	No	40		81.7	50	0
Scraper	No	40		83.6	50	0
Tractor	No	40	84		50	0

Results

Calculated (dBA)

Equipment	***Lmax**	**Leq**
Excavator	80.7	76.7
Gradall	83.4	79.4
Dozer	81.7	77.7
Scraper	83.6	79.6
Tractor	84	80
Total	84	**85.9**

*Calculated Lmax is the Loudest value.

Roadway Construction Noise Model (RCNM),Version 1.1

Report date: 10/18/2024
Case Description: Menlo Hotel

Description	**Land Use**
Construction, Paving, & Painting	Residential

Description	**Impact Device**	**Usage(%)**	**Equipment Spec Lmax (dBA)**	**Actual Lmax (dBA)**	**Receptor Distance (feet)**	**Estimated Shielding (dBA)**
Crane	No	16		80.6	50	0
Excavator	No	40		80.7	50	0
Man Lift	No	20		74.7	50	0
Tractor	No	40	84		50	0

Results

Calculated (dBA)

Equipment	***Lmax**	**Leq**
Crane	80.6	72.6
Excavator	80.7	76.7
Man Lift	74.7	67.7
Tractor	84	80
Total	84	**82.3**

*Calculated Lmax is the Loudest value.

ATTACHMENT D

Vibration and Stationary Noise Attenuation Outputs

STATIONARY SOURCE MODELING CALCULATIONS

Menlo Hotel Stationary Noise Attenuation Calculations

Levels in dBA Leq

HVAC Equipment	Typical HVAC Noise Level Range	Adjacnet Receptor to South
Distance in feet	*3.3*	*65*
VRF Mixed-Use HVAC	69	43

Parking Garage		
Description	**Input Values**	**Calculated Values, dBA Leq**
Reference Sound Exposure Level (SELref)	92 dB	NA
Average number of automobiles per hour: NA	57	NA
Volume Adjustment (CN)	10log10(57/1000)	-12.4
Calculated Parking Garage Leq at 50 feet	92 dB+ (-12.3 dB) – 35.6 dB	44.0

Equation: Leq at 50 = SELref + CN – 35.6
Source: FTA 2018

Speech Levels	Typical HVAC Noise Level Range	Adjacnet Receptor to South/East	Adjacnet Receptor to West
Distance in feet	*3*	*30*	*65*
Normal Speech Levels (2 people)	60	40	33
Raised Voice Speech Levels, 2 people	66	46	39

Source: Engineering ToolBox (2005). "SIL the Speech Interference Levels." Accessed Ocotber 16, 2024.https://www.engineeringtoolbox.com/voice-level-d_938.html

GROUNDBORNE VIBRATION MODELING CALCULATIONS

Menlo Hotel - Vibration Damage Attenuation Calculations

Levels, PPV (in/sec)

Distance in feet	**Vibration Reference Level at *25 feet***	**Receptor to South & East** *15*	**Receptor to West** *60*
Vibratory Roller	NA	NA	NA
Hoe Ram	0.089	0.191	0.024
Large Bulldozer	0.089	0.191	0.024
Caisson Drilling	0.089	0.191	0.024
Loaded Trucks	0.076	0.164	0.020
Jackhammer	0.035	0.075	0.009
Small Bulldozer	0.003	0.006	0.001

Menlo Park - Vibration Annoyance Attenuation Calculations

Levels in VdB

Equipment	**Vibration at 25 ft**	**Receptor to North**	**Receptor to West**
Distance in feet		*65*	*115*
Vibratory Roller	NA	NA	NA
Hoe Ram	87	75	67
Large Bulldozer	87	75	67
Caisson Drilling	87	75	67
Loaded Trucks	86	74	66
Jackhammer	79	67	59
Small Bulldozer	58	46	38

Appendix C

Air Quality Impact Analysis Report

Air Quality Assessment
Menlo Hotel Project

Hawthorne, California

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LIST OF ATTACHMENTS

Attachment A – CalEEMod Output File for Air Quality Emissions

LIST OF ACRONYMS AND ABBREVIATIONS

°F	Degrees Fahrenheit
µg/m3	Micrograms per cubic meter; ppm = parts per million
1992 CO Plan	1992 Federal Attainment Plan for Carbon Monoxide
AQMP	Air Quality Management Plan
ATCM	airborne toxics control measure
CAA	Clean Air Act
CAAQS	California Ambient Air Quality Standards
CalEEMod	California Emissions Estimator Model
Caltrans	California Department of Transportation
CAPCOA	California Air Pollution Control Officers Association
CARB	California Air Resources Board
CCAA	California Clean Air Act
CEQA	California Environmental Quality Act
City	Hawthorne
CO	Carbon Monoxide
CO_2	Carbon dioxide
County	Los Angeles County
DPM	Diesel particulate matter
GDP	Gross Domestic Product
GHG	Greenhouse gas
HVAC	Heating, Ventilation, and Air Conditioning
IPCC	Intergovernmental Panel on Climate Change
LED	Light Emitting Diodes
LSTs	Localized significance threshold
N_2O	Nitrous oxide
NAAQS	National Ambient Air Quality Standards
NO_2	Nitrogen dioxide
NO_x	Nitric oxides
O_3	Ozone
OPR	Office of Planning and Research
PM	Particulate matter
PM_{10}	Coarse particulate matter
$PM_{2.5}$	Fine particulate matter
ppb	Parts per billion
ppm	Parts per million
Project	Menlo Hotel
RCPG	Regional Comprehensive Plan and Guide
ROGs	Reactive organic gases
RTP/SCS	Regional Transportation Plan/Sustainable Communities Strategy
SB	Senate Bill
SCAG	Southern California Association of Governments
SCAQMD	South Coast Air Quality Management District
SIP	State Implementation Plan
SO_2	Sulfur dioxide
SO_x	Sulfur oxides
SRA	Source receptor area

LIST OF ACRONYMS AND ABBREVIATIONS

SoCAB	South Coast Air Basin
TACs	Toxic air contaminants
USEPA	U.S. Environmental Protection Agency
VOC	Volatile organic compounds

1.0 INTRODUCTION

This report documents the results of an Air Quality Emissions Assessment completed for the Menlo Hotel Project (Project), which would include construction and operation of a fifty-seven-room hotel with associated amenities in the City of Hawthorne (City) in Los Angeles County. This assessment was prepared using methodologies and assumptions recommended in the rules and regulations of the South Coast Air Quality Management District (SCAQMD). Regional and local existing conditions are presented, along with pertinent emissions standards and regulations. The purpose of this assessment is to estimate Project-generated criteria air pollutants attributable to the Project and to determine the level of impact the Project would have on the environment.

1.1 Project Location and Description

The Project Site is located at 11410 Menlo Avenue in the City of Hawthorne. The Project proposes to build a six-story hotel development within the Downtown Hawthorne Specific Plan (DHSP) area, zoned CR-MU (Regional Commercial/Mixed-Use). Situated on a 17,424 square foot (sf) lot, the Project features 57 guestrooms and a total building area of 65,708 sf., including 47,584 sf of enclosed, conditioned space and 18,124 sf allocated for parking within the building footprint. The building reaches a height of 78 feet, with varied space distribution across its six levels: Level 1 is 9,716 sf (including parking), Level 2 is 12,544 sf (including parking), Level 3 includes 11,483 sf with an additional 3,672 sf open pool deck, and Levels 4, 5, and 6 consist of 11,483 sf, 11,483 sf, and 8,999 sf respectively, all enclosed. The Project includes 59 parking stalls, providing on-site parking for guests and staff

Construction activities would involve demolishing existing asphalt, grading to achieve the finished design elevations, and building construction. The equipment to be used during construction, as provided by the Applicant, would include, but is not limited to, cranes, excavators, forklifts/manlifts, tractors, loaders, backhoes, trenchers, scrapers, dozers, graders, crushers and processing equipment, concrete saws, and bore drill rigs. Construction is anticipated to begin in November 2025 and be completed by June 2027. Construction would include the demolition and removal of the existing pavement on the Project Site as well as the export of 150 cubic yards of soil.

2.0 AIR QUALITY

2.1 Air Quality Setting

Air quality in a region is determined by its topography, meteorology, and existing air pollutant sources. These factors are discussed below, along with the current regulatory structure that applies to the South Coast Air Basin (SoCAB), which encompasses the Project Site, pursuant to the regulatory authority of the SCAQMD.

Ambient air quality is commonly characterized by climate conditions, the meteorological influences on air quality, and the quantity and type of pollutants released. The air basin is subject to a combination of topographical and climatic factors that reduce the potential for high levels of regional and local air pollutants. The following section describes the pertinent characteristics of the air basin and provides an overview of the physical conditions affecting pollutant dispersion in the Project Area.

2.1.1 South Coast Air Basin

The California Air Resources Board (CARB) divides the State into air basins that share similar meteorological and topographical features. The Project Site lies in the SoCAB, which includes the non-desert portions of Los Angeles, Riverside, and San Bernardino counties and all of Orange County. The air basin is on a coastal plain with connecting broad valleys and low hills and is bounded by the Pacific Ocean on the southwest, with high mountains forming the remainder of the perimeter (SCAQMD 1993).

2.1.1.1 Temperature and Precipitation

The air basin is part of a semi-permanent high-pressure zone in the eastern Pacific. As a result, the climate is mild, tempered by cool sea breezes. This usually mild weather pattern is interrupted infrequently by periods of extremely hot weather, winter storms, and Santa Ana winds. The annual average temperature varies little throughout the 6,645-square-mile SoCAB, ranging from the low 60s to the high 80s, measured in degrees Fahrenheit (°F). With a more pronounced oceanic influence, coastal areas show less variability in annual minimum and maximum temperatures than inland areas (SCAQMD 1993).

In contrast to a very steady pattern of temperature, rainfall is seasonally and annually highly variable. Almost all annual rains fall between November and April. Summer rainfall is normally restricted to widely scattered thundershowers near the coast, with slightly heavier shower activity in the east and over the mountains.

2.1.1.2 Humidity

Although the SoCAB has a semiarid climate, the air near the earth's surface is typically moist because of the presence of a shallow marine layer. Except for infrequent periods when dry, continental air is brought into the SoCAB by offshore winds, the "ocean effect" is dominant. Periods of heavy fog, especially along the coast, are frequent, and low clouds, often referred to as high fog, are a characteristic climatic feature. Annual average humidity is 70 percent at the coast and 57 percent in the eastern portions of the SoCAB (SCAQMD 1993).

2.1.1.3 Wind

Wind patterns across the south coastal region are characterized by westerly or southwesterly onshore winds during the day and by easterly or northeasterly breezes at night. Wind speed is higher during the dry summer months than during the rainy winter.

Between periods of wind, air stagnation may occur in both the morning and evening hours. Air stagnation is one of the critical determinants of air quality conditions on any given day. During the winter and fall, surface high-pressure systems over the SoCAB, combined with other meteorological conditions, can result in very strong, downslope Santa Ana winds. These winds normally continue a few days before predominant meteorological conditions are reestablished.

The mountain ranges to the east affect the diffusion of pollutants by inhibiting the eastward transport of pollutants. Air quality in the SoCAB generally ranges from fair to poor and is similar to air quality in most of coastal Southern California. The entire region experiences heavy concentrations of air pollutants during prolonged periods of stable atmospheric conditions (SCAQMD 1993).

2.1.1.4 Inversion

In conjunction with the two characteristic wind patterns that affect the rate and orientation of horizontal pollutant transport, two similarly distinct types of temperature inversions control the vertical depth through which pollutants are mixed. These inversions are the marine/subsidence inversion and the radiation inversion. The height of the base of the inversion at any given time is known as the "mixing height." The combination of winds and inversions is a critical determinant leading to highly degraded air quality in the summer and generally good air quality in the winter in San Bernardino County (SCAQMD 1993).

2.1.2 Criteria Air Pollutants

Criteria air pollutants are defined as those pollutants for which the federal and state governments have established air quality standards for outdoor or ambient concentrations to protect public health with a determined margin of safety. Ozone (O_3), coarse particulate matter (PM_{10}), and fine particulate matter ($PM_{2.5}$) are generally considered to be regional pollutants because they or their precursors affect air quality on a regional scale. Pollutants such as carbon monoxide (CO), nitrogen dioxide (NO_2), and sulfur dioxide (SO_2) are considered to be local pollutants because they tend to accumulate in the air locally. PM is also considered a local pollutant. Health effects commonly associated with criteria pollutants are summarized in Table 2-1.

Table 2-1. Criteria Air Pollutants - Summary of Common Sources and Effects

Pollutant	Major Manmade Sources	Human Health & Welfare Effects
CO	An odorless, colorless gas formed when carbon in fuel is not burned completely; a component of motor vehicle exhaust.	Reduces the ability of blood to deliver oxygen to vital tissues, affecting the cardiovascular and nervous system. Impairs vision, causes dizziness, and can lead to unconsciousness or death.
NO_2	A reddish-brown gas formed during fuel combustion for motor vehicles, energy utilities and industrial sources.	Respiratory irritant; aggravates lung and heart problems. Precursor to ozone and acid rain. Causes brown discoloration of the atmosphere.
O_3	Formed by a chemical reaction between reactive organic gases (ROGs) and nitrogen oxides (NO_x) in the presence of sunlight. Common sources of these precursor pollutants include motor vehicle exhaust, industrial emissions, solvents, paints and landfills.	Irritates and causes inflammation of the mucous membranes and lung airways; causes wheezing, coughing and pain when inhaling deeply; decreases lung capacity; aggravates lung and heart problems. Damages plants; reduces crop yield.
PM_{10} & $PM_{2.5}$	Power plants, steel mills, chemical plants, unpaved roads and parking lots, wood-burning stoves and fireplaces, automobiles and others.	Increased respiratory symptoms, such as irritation of the airways, coughing, or difficulty breathing; aggravated asthma; development of chronic bronchitis; irregular heartbeat; nonfatal heart attacks; and premature death in people with heart or lung disease. Impairs visibility (haze).
SO_2	A colorless, nonflammable gas formed when fuel containing sulfur is burned. Examples are refineries, cement manufacturing, and locomotives.	Respiratory irritant. Aggravates lung and heart problems. Can damage crops and natural vegetation. Impairs visibility.

Source: California Air Pollution Control Officers Association (CAPCOA 2013)

2.1.2.1 Carbon Monoxide

CO in the urban environment is associated primarily with the incomplete combustion of fossil fuels in motor vehicles. CO combines with hemoglobin in the bloodstream and reduces the amount of oxygen that can be circulated through the body. High CO concentrations can cause headaches, aggravate cardiovascular disease and impair central nervous system functions. CO concentrations can vary greatly over comparatively short distances. Relatively high concentrations of CO are typically found near crowded intersections and along heavy roadways with slow moving traffic. Even under the most severe meteorological and traffic conditions, high concentrations of CO are limited to locations within relatively short distances of the source. Overall CO emissions are decreasing as a result of the Federal Motor Vehicle Control Program, which has mandated increasingly lower emission levels for vehicles manufactured since 1973. CO levels in the SoCAB are in compliance with the state and federal one- and eight-hour standards.

2.1.2.2 Nitrogen Oxides

Nitrogen gas comprises about 80 percent of the air and is naturally occurring. At high temperatures and under certain conditions, nitrogen can combine with oxygen to form several different gaseous compounds collectively called nitric oxides (NO_x). Motor vehicle emissions are the main source of NO_x in urban areas. NO_x is very toxic to animals and humans because of its ability to form nitric acid with water in the eyes, lungs, mucus membrane, and skin. In animals, long-term exposure to NO_x increases susceptibility to respiratory infections, and lowering resistance to such diseases as pneumonia and influenza. Laboratory studies show that susceptible humans, such as asthmatics, who are exposed to high concentrations can suffer from lung irritation or possible lung damage. Precursors of NO_x, such as NO and NO_2, attribute to the formation of O_3 and $PM_{2.5}$. Epidemiological studies have also shown associations between NO_2 concentrations and daily mortality from respiratory and cardiovascular causes and with hospital admissions for respiratory conditions.

2.1.2.3 Ozone

O_3 is a secondary pollutant, meaning it is not directly emitted. It is formed when volatile organic compounds (VOCs) or ROGs and NO_x undergo photochemical reactions that occur only in the presence of sunlight. The primary source of ROG emissions is unburned hydrocarbons in motor vehicle and other internal combustion engine exhaust. NO_x forms as a result of the combustion process, most notably due to the operation of motor vehicles. Sunlight and hot weather cause ground-level O_3 to form. Ground-level O_3 is the primary constituent of smog. Because O_3 formation occurs over extended periods of time, both O_3 and its precursors are transported by wind and high O_3 concentrations can occur in areas well away from sources of its constituent pollutants.

People with lung disease, children, older adults, and people who are active can be affected when O_3 levels exceed ambient air quality standards. Numerous scientific studies have linked ground-level O_3 exposure to a variety of problems including lung irritation, difficult breathing, permanent lung damage to those with repeated exposure, and respiratory illnesses.

2.1.2.4 Particulate Matter

PM includes both aerosols and solid particulates of a wide range of sizes and composition. Of concern are those particles smaller than or equal to 10 microns in diameter size (PM_{10}) and small than or equal to 2.5 microns in diameter ($PM_{2.5}$). Smaller particulates are of greater concern because they can penetrate deeper into the lungs than larger particles. PM_{10} is generally emitted directly as a result of mechanical processes that crush or grind larger particles or form the resuspension of dust, typically through construction activities and vehicular travel. PM_{10} generally settles out of the atmosphere rapidly and is not readily transported over large distances. $PM_{2.5}$ is directly emitted in combustion exhaust and is formed in atmospheric reactions between various gaseous pollutants, including NO_x, sulfur oxides (SO_x) and VOCs. $PM_{2.5}$ can remain suspended in the atmosphere for days and/or weeks and can be transported long distances.

The principal health effects of airborne PM are on the respiratory system. Short-term exposure of high $PM_{2.5}$ and PM_{10} levels are associated with premature mortality and increased hospital admissions and emergency room visits. Long-term exposure is associated with premature mortality and chronic respiratory disease.

According to the U.S. Environmental Protection Agency (USEPA), some people are much more sensitive than others to breathing PM_{10} and $PM_{2.5}$. People with influenza, chronic respiratory and cardiovascular diseases, and the elderly may suffer worse illnesses; people with bronchitis can expect aggravated symptoms; and children may experience decline in lung function due to breathing in PM_{10} and $PM_{2.5}$. Other groups considered sensitive include smokers and people who cannot breathe well through their noses. Exercising athletes are also considered sensitive because many breathe through their mouths.

2.1.3 Toxic Air Contaminants

In addition to the criteria pollutants discussed above, toxic air contaminants (TACs) are another group of pollutants of concern. TACs are considered either carcinogenic or noncarcinogenic based on the nature of the health effects associated with exposure to the pollutant. For regulatory purposes, carcinogenic TACs are assumed to have no safe threshold below which health impacts would not occur, and cancer risk is expressed as excess cancer cases per one million exposed individuals. Noncarcinogenic TACs differ in that there is generally assumed to be a safe level of exposure below which no negative health impact is believed to occur. These levels are determined on a pollutant-by-pollutant basis.

There are many different types of TACs, with varying degrees of toxicity. Sources of TACs include industrial processes such as petroleum refining and chrome plating operations, commercial operations such as gasoline stations and dry cleaners, and motor vehicle exhaust. Public exposure to TACs can result from emissions from normal operations, as well as from accidental releases of hazardous materials during upset conditions. The health effects of TACs include cancer, birth defects, neurological damage, and death.

CARB identified diesel particulate matter (DPM) as a TAC. DPM differs from other TACs in that it is not a single substance but rather a complex mixture of hundreds of substances. Diesel exhaust is a complex mixture of particles and gases produced when an engine burns diesel fuel. DPM is a concern because it causes lung cancer; many compounds found in diesel exhaust are carcinogenic. DPM includes the particle-phase constituents in diesel exhaust. The chemical composition and particle sizes of DPM vary between different engine types (heavy-duty, light-duty), engine operating conditions (idle, accelerate, decelerate), fuel formulations (high/low sulfur fuel), and the year of the engine (USEPA 2002). Some short-term (acute) effects of diesel exhaust include eye, nose, throat, and lung irritation, and diesel exhaust can cause coughs, headaches, light-headedness, and nausea. DPM poses the greatest health risk among the TACs; due to their extremely small size, these particles can be inhaled and eventually trapped in the bronchial and alveolar regions of the lung.

2.1.4 Ambient Air Quality

Ambient air quality at the Project Site can be inferred from ambient air quality measurements conducted at nearby air quality monitoring stations. CARB maintains more than 60 monitoring stations throughout California. O_3, PM_{10} and $PM_{2.5}$ are the pollutant species most potently affecting the Project region. The Los Angeles - LAX air quality monitoring station (7201 West Westchester Parkway, Los Angeles), located approximately 4 miles west of the Project Site, monitors ambient concentrations of O_3 and PM_{10}. The Compton air quality monitoring station (700 North Bullis Road, Compton) located approximately 8.32 miles

southeast of the Project Site, monitors ambient concentrations of $PM_{2.5}$. Ambient emission concentrations will vary due to localized variations in emission sources and climate and should be considered "generally" representative of ambient concentrations in the Project Area.

Table 2-2 summarizes the published data concerning O_3 and PM_{10} from the Los Angeles - LAX monitoring station, and $PM_{2.5}$ from the Compton monitoring station. O_3, PM_{10} and $PM_{2.5}$ are the pollutant species most potently affecting the Project region.

Table 2-2. Summary of Ambient Air Quality Data

Pollutant Standards	2021	2022	2023
O_3 – Los Angeles - LAX			
Max 1-hour concentration (ppm)	0.059	*	*
Max 8-hour concentration (ppm) (state/federal)	0.050 / 0.049	* / *	* / *
Number of days above 1-hour standard (state)	0 / 0	* / *	* / *
Number of days above 8-hour standard (state/federal)	0 / 0	* / *	* / *
PM_{10} – Los Angeles - LAX			
Max 24-hour concentration (µg/m^3) (state/federal)	33.2 / 33.3	* / *	* / *
Number of days above 24-hour standard (state/federal)	* / *	* / *	* / *
$PM_{2.5}$ – Compton			
Max 24-hour concentration (µg/m^3) (state/federal)	102.1 / 102.2	54.6 / 52.8	54.6 / 54.6
Number of days above federal 24-hour standard	12.3	6.2	2.1

Source: CARB 2024
µg/m^3 = micrograms per cubic meter; ppm = parts per million
* = Insufficient data available

The USEPA and CARB designate air basins or portions of air basins and counties as being in "attainment" or "nonattainment" for each of the criteria pollutants. Areas that do not meet the standards are classified as nonattainment areas. The National Ambient Air Quality Standards (NAAQS) (other than O_3, PM_{10} and $PM_{2.5}$ and those based on annual averages or arithmetic mean) are not to be exceeded more than once per year. The NAAQS for O_3, PM_{10}, and $PM_{2.5}$ are based on statistical calculations over one- to three-year periods, depending on the pollutant. The California Ambient Air Quality Standards (CAAQS) are not to be exceeded during a three-year period. The attainment status for the Los Angeles County portion of the SoCAB, which encompasses the Project Site, is included in Table 2-3.

Table 2-3. Attainment Status of Criteria Pollutants in the Los Angeles County Portion of the SoCAB

Pollutant	State Designation	Federal Designation
O_3	Nonattainment	Nonattainment
PM_{10}	Nonattainment	Attainment
$PM_{2.5}$	Nonattainment	Nonattainment
CO	Attainment	Unclassified/Attainment
NO_2	Attainment	Unclassified/Attainment
SO_2	Unclassified/Attainment	Unclassified/Attainment

Source: CARB 2023

The determination of whether an area meets the state and federal standards is based on air quality monitoring data. Some areas are unclassified, which means there is insufficient monitoring data for determining attainment or nonattainment. Unclassified areas are typically treated as being in attainment. Because the attainment/nonattainment designation is pollutant-specific, an area may be classified as nonattainment for one pollutant and attainment for another. Similarly, because the state and federal standards differ, an area could be classified as attainment for the federal standards of a pollutant and as nonattainment for the state standards of the same pollutant. The region is designated as a nonattainment area for the federal O_3 and $PM_{2.5}$ standards and is also a nonattainment area for the state standards for O_3, $PM_{2.5}$ and PM_{10} (CARB 2023).

2.1.5 Sensitive Receptors

Sensitive receptors are defined as facilities or land uses that include members of the population who are particularly sensitive to the effects of air pollutants, such as children, the elderly, and people with illnesses. Examples of these sensitive receptors are residences, schools, hospitals, and daycare centers. CARB has identified the following groups of individuals as the most likely to be affected by air pollution: the elderly over 65, children under 14, athletes, and persons with cardiovascular and chronic respiratory diseases such as asthma, emphysema, and bronchitis.

The Project is proposing the construction and operation of a fifty-seven-room hotel with associated amenities. The nearest sensitive receptors are residences located directly adjacent to the eastern and southern boundaries of the Project Site.

2.2 Regulatory Framework

2.2.1 Federal

2.2.1.1 Clean Air Act

The Clean Air Act (CAA) of 1970 and the CAA Amendments of 1971 required the USEPA to establish the NAAQS, with states retaining the option to adopt more stringent standards or to include other specific pollutants.

These standards are the levels of air quality considered safe, with an adequate margin of safety, to protect public health and welfare. They are designed to protect those "sensitive receptors" most susceptible to further respiratory distress such as asthmatics, the elderly, very young children, people already weakened by other disease or illness, and persons engaged in strenuous work or exercise. Healthy adults can tolerate occasional exposure to air pollutant concentrations considerably above these minimum standards before adverse effects are observed.

The USEPA has classified air basins (or portions thereof) as being in attainment, nonattainment, or unclassified for each criteria air pollutant, based on whether or not the NAAQS have been achieved. If an area is designated unclassified, it is because inadequate air quality data were available as a basis for a nonattainment or attainment designation. Table 2-3 lists the federal attainment status of the SoCAB for the criteria pollutants.

2.2.2 State

2.2.2.1 California Clean Air Act

The California Clean Air Act (CCAA) allows the State to adopt ambient air quality standards and other regulations provided that they are at least as stringent as federal standards. CARB, a part of the California Environmental Protection Agency, is responsible for the coordination and administration of both federal and state air pollution control programs within California, including setting the CAAQS. CARB also conducts research, compiles emission inventories, develops suggested control measures, and provides oversight of local programs. CARB establishes emissions standards for motor vehicles sold in California, consumer products (such as hairspray, aerosol paints, and barbecue lighter fluid), and various types of commercial equipment. It also sets fuel specifications to further reduce vehicular emissions. CARB also has primary responsibility for the development of California's State Implementation Plan (SIP), for which it works closely with the federal government and the local air districts.

2.2.2.2 California State Implementation Plan

The federal CAA (and its subsequent amendments) requires each state to prepare an air quality control plan referred to as the SIP. The SIP is a living document that is periodically modified to reflect the latest emissions inventories, plans, and rules and regulations of air basins as reported by the agencies with jurisdiction over them. The CAA Amendments dictate that states containing areas violating the NAAQS revise their SIPs to

include extra control measures to reduce air pollution. The SIP includes strategies and control measures to attain the NAAQS by deadlines established by the CAA. The USEPA has the responsibility to review all SIPs to determine if they conform to the requirements of the CAA.

State law makes CARB the lead agency for all purposes related to the SIP. Local air districts and other agencies prepare SIP elements and submit them to CARB for review and approval. CARB then forwards SIP revisions to the USEPA for approval and publication in the Federal Register. The *2022 Air Quality Management Plan* (2022 AQMP) is the SIP for the SoCAB. The 2022 AQMP is a regional blueprint for achieving air quality standards and healthful air in the SoCAB and those portions of the Salton Sea Air Basin that are under SCAQMD's jurisdiction. The 2022 AQMP includes aggressive new regulations and the development of incentive programs to support early deployment of advanced technologies. The two key areas for incentive programs are (1) promoting widespread deployment of available zero emission and low NOx technologies and (2) developing new zero emission and ultra-low NOx technologies for use in cases where the technology is not currently available. The 2022 AQMP prioritizes distribution of incentive funding in "environmental justice" areas and seek opportunities to focus benefits on the most disadvantaged communities. The 2022 AQMP focuses on available, proven, and cost-effective alternatives to traditional strategies, while seeking to achieve multiple goals in partnership with other entities promoting reductions in Greenhouse Gas (GHG) emissions and toxic risk, as well as efficiencies in energy use, transportation, and goods movement. The AQMP relies on a regional and multi-level partnership of governmental agencies at the federal, state, regional, and local level. These agencies (USEPA, CARB, local governments, Southern California Association of Governments [SCAG] and the SCAQMD) are the primary agencies that implement the AQMP programs. The 2022 AQMP incorporates the latest scientific and technical information and planning assumptions, including SCAG's latest Regional Transportation Plan/Sustainable Communities Strategy, updated emission inventory methodologies for various source categories, and SCAG's latest growth forecasts. The 2022 AQMP includes integrated strategies and measures to meet the NAAQS. The current status of the SIPs for the SoCAB's nonattainment pollutants are shown below:

- On November 28, 2007, CARB submitted a SIP revision to the USEPA for O_3, $PM_{2.5}$ (1997 Standard), CO, and NO_2 in the SoCAB. This revision is identified as the "2007 South Coast SIP". The 2007 South Coast SIP demonstrates attainment of the federal $PM_{2.5}$ standard in the SoCAB by 2014 and attainment of the federal eight-hour O_3 standard by 2023. This SIP also includes a request to reclassify the O_3 attainment designation from "severe" to "extreme". The USEPA approved the redesignation effective June 4, 2010. The "extreme" designation requires the attainment of the eight-hour O_3 standard in the SoCAB by June 2024. CARB approved $PM_{2.5}$ SIP revisions in April 2011 and the O_3 SIP revisions in July 2011. The USEPA approved the $PM_{2.5}$ SIP in 2013 and has approved 46 of the 61, 1997 eight-hour O_3 SIP requirements. In 2014, the USEPA proposed a finding that the SoCAB has attained the 1997 $PM_{2.5}$ standards. In 2016, the USEPA determined that the SoCAB had attained the 1997 $PM_{2.5}$ standards; however, the SoCAB was not redesignated as an attainment area because the USEPA had not approved a maintenance plan and additional requirements under the CAA had not been met.
- In 2012, the SCAQMD adopted the 2012 AQMP, which was a regional and multiagency effort (the SCAQMD, CARB, SCAG, and the USEPA). The primary purposes of the 2012 AQMP were to

demonstrate attainment of the federal 24-hour $PM_{2.5}$ standard by 2014 and to update the USEPA-approved eight-hour Ozone Control Plan. In 2012, the 2012 AQMP was submitted to CARB and the USEPA for concurrent review and approval for inclusion in the SIP. The 2012 AQMP was approved by CARB on January 25, 2013.

- In 2017, the SCAQMD adopted the 2016 AQMP. The 2016 AQMP includes strategies and measures to meet the following NAAQS:
    - 2008 eight-hour O_3 (75 parts per billion [ppb]) by 2013
    - 2012 Annual $PM_{2.5}$ (12 µg/m^3) by 2025
    - 1997 eight-hour O_3 (80 ppb) by 2023
    - 1979 one-hour O_3 (120 ppb) by 2022
    - 2006 24-hour $PM_{2.5}$ (35 µg/m^3) by 2019
- In 2022, the SCAQMD adopted the 2022 AQMP. In response to the USEPA lowering the primary and secondary O_3 standard levels to 70 ppb, the 2022 AQMP was developed to address the requirements for meeting this standard. The 2022 AQMP explores new and innovative ways to accomplish these goals through incentive programs, efficiency improvements, recognition of co-benefits from other programs, regulatory measures, and other voluntary actions.

2.2.2.3 Tanner Air Toxics Act & Air Toxics "Hot Spots" Information and Assessment Act

CARB's statewide comprehensive air toxics program was established in 1983 with Assembly Bill (AB) 1807, the Toxic Air Contaminant Identification and Control Act (Tanner Air Toxics Act of 1983). AB 1807 created California's program to reduce exposure to air toxics and sets forth a formal procedure for CARB to designate substances as TACs. Once a TAC is identified, CARB adopts an airborne toxics control measure (ATCM) for sources that emit designated TACs. If there is a safe threshold for a substance at which there is no toxic effect, the control measure must reduce exposure to below that threshold. If there is no safe threshold, the measure must incorporate toxics best available control technology to minimize emissions.

CARB also administers the State's mobile source emissions control program and oversees air quality programs established by state statute, such as AB 2588, the Air Toxics "Hot Spots" Information and Assessment Act of 1987. Under AB 2588, TAC emissions from individual facilities are quantified and prioritized by the air quality management district or air pollution control district. High priority facilities are required to perform a health risk assessment (HRA) and, if specific thresholds are exceeded, required to communicate the results to the public in the form of notices and public meetings. In September 1992, the "Hot Spots" Act was amended by Senate Bill (SB) 1731, which required facilities that pose a significant health risk to the community to reduce their risk through a risk management plan.

2.2.3 Local

2.2.3.1 South Coast Air Quality Management District

The SCAQMD is the air pollution control agency for Orange County and the urban portions of Los Angeles, Riverside, and San Bernardino counties, including the Project Site. The agency's primary responsibility is ensuring that the NAAQS and CAAQS are attained and maintained in the SoCAB. The SCAQMD is also responsible for adopting and enforcing rules and regulations concerning air pollutant sources, issuing permits for stationary sources of air pollutants, inspecting stationary sources of air pollutants, responding to citizen complaints, monitoring ambient air quality and meteorological conditions, awarding grants to reduce motor vehicle emissions, and conducting public education campaigns, as well as many other activities. All projects are subject to SCAQMD rules and regulations in effect at the time of construction.

The following is a list of noteworthy SCAQMD rules that are required of construction activities associated with the Proposed Project:

- **Rule 201 & Rule 203 (Permit to Construct & Permit to Operate)** – Rule 201 requires a "Permit to Construct" prior to the installation of any equipment "the use of which may cause the issuance of air contaminants . . ." and Regulation II provides the requirements for the application for a Permit to Construct. Rule 203 similarly requires a Permit to Operate.
- **Rule 212 (Standards for Approving Permits and Issuing Public Notice)**- This rule requires the applicant to show that the equipment used of which may cause the issuance of air contaminants or the use of which may eliminate, reduce, or control the issuance of air contaminants, is so designed, controlled, or equipped with such air pollution control equipment that it may be expected to operate without emitting air contaminates in violation of Section 41700, 4170 or 44300 of the Health and Safety Code or of these rules.
- **Rule 401 (Visible Emissions) –** This rule states that a person shall not discharge into the atmosphere from any single source of emission whatsoever any air contaminant for a period or periods aggregating more than three minutes in any one hour which is as dark or darker in shade as that designated No. 1 on the Ringelmann Chart or of such opacity as to obscure an observer's view.
- **Rule 402 (Nuisance)** – This rule prohibits the discharge from any source whatsoever such quantities of air contaminants or other material which cause injury, detriment, nuisance, or annoyance to any considerable number of persons or to the public, or which endanger the comfort, repose, health, or safety of any such persons or the public, or which cause, or have a natural tendency to cause, injury or damage to business or property. This rule does not apply to odors emanating from agricultural operations necessary for the growing of crops or the raising of fowl or animals.
- **Rule 403 (Fugitive Dust)** – This rule requires fugitive dust sources to implement best available control measures for all sources, and all forms of visible PM are prohibited from crossing any property line. This rule is intended to reduce PM_{10} emissions from any transportation, handling,

construction, or storage activity that has the potential to generate fugitive dust. PM_{10} suppression techniques are summarized below.

a) Portions of a construction site to remain inactive longer than a period of three months will be seeded and watered until grass cover is grown or otherwise stabilized.
b) All onsite roads will be paved as soon as feasible or watered periodically or chemically stabilized.
c) All material transported offsite will be either sufficiently watered or securely covered to prevent excessive amounts of dust.
d) The area disturbed by clearing, grading, earthmoving, or excavation operations will be minimized at all times.
e) Where vehicles leave a construction site and enter adjacent public streets, the streets will be swept daily or washed down at the end of the workday to remove soil tracked onto the paved surface.

- **Rule 1113 (Architectural Coatings)** – This rule requires manufacturers, distributors, and end-users of architectural and industrial maintenance coatings to reduce ROG emissions from the use of these coatings, primarily by placing limits on the ROG content of various coating categories.
- **Rule 1401 (New Source Review of Toxic Air Contaminants)** – This rule requires new source review of any new, relocated, or modified permit units that emit TACs. The rule establishes allowable risks for permit units requiring permits pursuant to Rules 201 and 203 discussed above.

2.2.3.2 City of Hawthorne General Plan

The City of Hawthorne Environmental Justice Element of the General Plan contains goals and policies aimed to protect the communities most vulnerable populations, including those related to air quality. The following are applicable to the Proposed Project:

Goal 1: Reduce GHG emissions, enhance air quality, and reduce impacts associated with climate change.

- **Policy 1.6:** Encourage development of bicycle and pedestrian facilities to reduce dependency on transportation that emit pollutants.
- **Policy 1.7:** Retention of buffer zones to protect adjacent areas of freeway corridor from noise, exhaust, and light shall be encouraged.
- **Policy 1.11:** Work with responsible federal, state, and county agencies to decrease air pollution emissions occurring within the air basin to reduce the risk posed by air pollution.

2.3 Air Quality Emissions Impact Assessment

2.3.1 Thresholds of Significance

The impact analysis provided below is based on the following California Environmental Quality Act (CEQA) Guidelines Appendix G thresholds of significance. The Project would result in a significant impact to air quality if it would do any of the following:

1) Conflict with or obstruct implementation of any applicable air quality plan.

2) Result in a cumulatively considerable net increase of any criteria pollutant for which the Project region is nonattainment under an applicable federal or state ambient air quality standard (including releasing emissions which exceed quantitative thresholds for ozone precursors).

3) Expose sensitive receptors to substantial pollutant concentrations.

4) Result in other emissions (such as those leading to odors adversely affecting a substantial number of people).

2.3.1.1 South Coast Air Quality Management District Regional Thresholds

The significance criteria established by the applicable air quality management or air pollution control district (SCAQMD) may be relied upon to make the above determinations. According to the SCAQMD, an air quality impact is considered significant if the Proposed Project would violate any ambient air quality standard, contribute substantially to an existing or projected air quality violation, or expose sensitive receptors to substantial pollutant concentrations. The SCAQMD has established thresholds of significance for air quality for construction and operational activities of land use development projects such as that proposed, as shown in Table 2-4.

Table 2-4. SCAQMD Regional Significance Thresholds – Pounds per Day		
Air Pollutant	**Construction Activities**	**Operations**
Reactive Organic Gas	75	55
Carbon Monoxide	550	550
Nitrogen Oxide	100	55
Sulfur Oxide	150	150
Coarse Particulate Matter	150	150
Fine Particulate Matter	55	55

Source: SCAQMD 1993 ($PM_{2.5}$ threshold adopted June 1, 2007)

By its very nature, air pollution is largely a cumulative impact. No single project is sufficient in size, by itself, to result in nonattainment of ambient air quality standards. Instead, a project's individual emissions contribute to existing cumulatively significant adverse air quality impacts. If a project's individual emissions exceed its identified significance thresholds, the project would be cumulatively considerable. Projects that do not exceed significance thresholds would not be considered cumulative considerable.

2.3.1.2 South Coast Air Quality Management District Localized Significance Thresholds

In addition to regional significance thresholds, the SCAQMD developed localized significance thresholds (LSTs) for emissions of NO_2, CO, PM_{10}, and $PM_{2.5}$ generated at new development sites (offsite mobile source emissions are not included in the LST analysis protocol). LSTs represent the maximum emissions that can be generated at a project site without expecting to cause or substantially contribute to an exceedance of the most stringent national or state ambient air quality standards. LSTs are based on the ambient concentrations of that pollutant within the Project source receptor area (SRA), as demarcated by the SCAQMD, and the distance to the nearest sensitive receptor. The Project Site is located within SCAQMD SRA 3 (Southwest Coastal Los Angeles County). Table 2-5 shows the LSTs for a one-, two-, and five-acre project site in SRA 3 with sensitive receptors located within 25 meters of the Project Site.

Table 2-5. Local Significance Thresholds at 25 Meters of a Sensitive Receptor				
Project Size	**Pollutant (pounds per day) Construction/ Operations**			
	NO_2	**CO**	**PM_{10}**	**$PM_{2.5}$**
1 Acre	91 / 91	664 / 664	5 / 1	3 / 1
2 Acres	131 / 131	967 / 967	8 / 2	5 / 1
5 Acres	197 / 197	1,796 / 1,796	15 / 4	8 / 2

Source: SCAQMD 2009

2.3.2 Methodology

Air quality impacts were assessed in accordance with methodologies recommended by the SCAQMD. Where criteria air pollutant quantification was required, emissions were modeled using the California Emissions Estimator Model (CalEEMod), version 2022.1. CalEEMod is a statewide land use emissions computer model designed to quantify potential criteria pollutant emissions associated with both construction and operations from a variety of land use projects. Project construction-generated air pollutant emissions were calculated using CalEEMod model defaults for Los Angeles County and Project information provided in the Project Site Plan including lot acreage, building square footage, estimated landscape area, and the number of parking spaces. Additionally, a construction detail questionnaire completed by the Project applicant was provided that includes a construction timeline, proposed construction equipment, the number of construction haul trips, and the amount of soil and demolished material exported. Operational emissions were calculated using CalEEMod model defaults for Los Angeles County coupled with daily trips provided by Linscott Law & Greenspan Engineers (2023) as well as the number of delivery trucks provided in an operations detail questionnaire completed by the Project Applicant.

2.3.3 Impact Analysis

2.3.3.1 Project Construction-Generated Criteria Air Quality Emissions

Regional Construction Significance Analysis

Construction-generated emissions are temporary and short-term but have the potential to represent a significant air quality impact. The basic sources of short-term emissions that will be generated through construction of the Proposed Project would be from ground-disturbing activities and from the operation of the construction vehicles (i.e., trenchers, dump trucks). Construction activities such as excavation and grading operations, construction vehicle traffic, and wind blowing over exposed soils would generate exhaust emissions and fugitive PM emissions that affect local air quality at various times during construction. Effects would be variable depending on the weather, soil conditions, the amount of activity taking place, and the nature of dust control efforts. The dry climate of the area during the summer months creates a high

potential for dust generation. Construction activities would be subject to SCAQMD Rule 403, which requires taking reasonable precautions to prevent the emissions of fugitive dust, such as using water or chemicals, where possible, for control of dust during the clearing of land and other construction activities.

Construction-generated emissions associated the Proposed Project were calculated using the CARB-approved CalEEMod computer program, which is designed to model emissions for land use development projects, based on typical construction requirements.

Predicted maximum daily construction-generated emissions for the Proposed Project are summarized in Table 2-6. Construction-generated emissions are short-term and of temporary duration, lasting only as long as construction activities occur, but would be considered a significant air quality impact if the volume of pollutants generated exceeds the SCAQMD's thresholds of significance.

Table 2-6. Construction-Related Emissions (Regional Significance Analysis)

Construction Year	Pollutant (pounds per day)					
	ROG	**NO_X**	**CO**	**SO_2**	**PM_{10}**	**$PM_{2.5}$**
Year 1 - 2025						
Demolition 2025	34.25	4.68	52.00	0.02	1.30	0.67
Grading 2025	2.40	20.70	22.36	0.05	3.63	1.93
Maximum Daily Construction Emissions 2025	34.25	20.70	52.00	0.05	3.63	1.93
SCAQMD Regional Significance Threshold	*75*	*100*	*550*	*150*	*150*	*55*
Exceed SCAQMD Regional Threshold?	**No**	**No**	**No**	**No**	**No**	**No**
Year 2 - 2026						
Grading 2026	2.27	18.97	21.79	0.05	3.54	1.85
Building Construction 2026	0.54	5.06	8.06	0.02	0.48	0.22
Maximum Daily Construction Emissions 2026 (accounts for overlapping grading and building construction phases)	2.81	24.03	29.85	0.07	4.02	2.07
SCAQMD Regional Significance Threshold	*75*	*100*	*550*	*150*	*150*	*55*
Exceed SCAQMD Regional Threshold?	**No**	**No**	**No**	**No**	**No**	**No**
Year 3 - 2027						
Building Construction 2027	0.53	4.90	7.96	0.02	0.47	0.21
Paving 2027	0.67	6.09	8.52	0.02	0.33	0.22
Architectural Coating 2027	10.94	6.19	8.40	0.02	0.26	0.20
Maximum Daily Construction Emissions 2027 (accounts for overlapping building construction, paving, and architectural coating phases)	12.14	17.18	24.88	0.06	1.06	0.63
SCAQMD Regional Significance Threshold	*75*	*100*	*550*	*150*	*150*	*55*
Exceed SCAQMD Regional Threshold?	**No**	**No**	**No**	**No**	**No**	**No**

Table 2-6. Construction-Related Emissions (Regional Significance Analysis)						
Construction Year	**Pollutant (pounds per day)**					
	ROG	**NO_X**	**CO**	**SO_2**	**PM_{10}**	**$PM_{2.5}$**

Source: CalEEMod version 2022.1. Refer to Attachment A for Model Data Outputs.

Notes: Emissions taken from the season, summer or winter, with the highest output. Emission reduction/credits for construction emissions are applied based on the required implementation of SCAQMD Rule 403. The specific Rule 403 measures applied in CalEEMod include the following: sweeping/cleaning adjacent roadway access areas daily; water exposed surfaces three times daily; and limit speeds on unpaved roads. Project construction-generated air pollutant emissions were calculated using CalEEMod model defaults for Los Angeles County and Project information provided in the Project Site Plan including lot acreage, building square footage, estimated landscape area, and the number of parking spaces. Additionally, a construction detail questionnaire completed by the Project applicant was provided that includes a construction timeline, proposed construction equipment, the number of construction haul trips, and the amount of soil and demolished material exported. Construction air quality emissions account for the export of 155 cubic yards of material during the demolition phase and 150 cubic yards of soil during the grading phase.

As shown in Table 2-6, emissions generated during Project construction would not exceed the SCAQMD's regional thresholds of significance. Therefore, criteria pollutant emissions generated during Project construction would not result in a cumulatively considerable net increase of any criteria pollutant for which the Project region is nonattainment under an applicable federal or state ambient air quality standard, and no health effects from Project criteria pollutants would occur.

Localized Construction Significance Analysis

As previously described, the Project is proposing construction and operation of a fifty-seven-room hotel and associated amenities. The nearest sensitive land use that would be impacted by onsite construction activities consist of residences bordering the Project Site to the east and south, less than 25 meters distant. In order to identify localized, air toxic-related impacts to sensitive receptors, the SCAQMD recommends addressing LSTs for construction. LSTs were developed in response to SCAQMD Governing Boards' Environmental Justice Enhancement Initiative (I-4). The SCAQMD provided the Final Localized Significance Threshold Methodology (dated June 2003 [revised 2008]) for guidance. The LST methodology assists lead agencies in analyzing localized impacts associated with Project-specific level proposed projects.

For this Project, the appropriate SRA for the localized significance thresholds is the Southwest Coastal Los Angeles County, SRA 3. LSTs apply to CO, NO_2, PM_{10}, and $PM_{2.5}$. As previously described, the SCAQMD has produced lookup tables for projects that disturb one, two and five acres. The Proposed Project would disturb less than one acre during construction. Thus, the one-acre LST threshold is employed for this analysis.

LST thresholds are provided for distances to sensitive receptors of 25, 50, 100, 200, and 500 meters. The nearest sensitive receptors to Project Site are residences located directly east and south of the Project Site boundary, less than 25 meters distant. Notwithstanding, the SCAQMD Methodology explicitly states: "It is possible that a project may have receptors closer than 25 meters. Projects with boundaries located closer than 25 meters to the nearest receptor should use the LSTs for receptors located at 25 meters." Therefore, LSTs for receptors located at 25 meters were utilized in this analysis. The SCAQMD's methodology clearly states that "offsite mobile emissions from a project should not be included in the emissions compared to

LSTs." Therefore, for purposes of the construction LST analysis, only emissions included in the CalEEMod "onsite" emissions outputs were considered. Table 2-7 presents the results of localized emissions.

Table 2-7. Maximum Construction-Related Emissions (Localized Significance Analysis)

Activity	Onsite Pollutant (pounds per day)			
	NO_X	CO	PM_{10}	$PM_{2.5}$
Demolition Calendar Year One	3.23	51.00	0.66	0.51
Grading Calendar Year One	20.50	21.30	3.38	1.87
Grading and Building Construction Calendar Year Two	23.49	27.44	3.44	1.93
Building Construction, Paving, and Architectural Coating Calendar Year Three	16.78	22.72	0.55	0.51
SCAQMD Localized Significance Threshold (1 acre of disturbance at 25 meters)	*91*	*664*	*5*	*3*
Exceed SCAQMD Localized Threshold?	**No**	**No**	**No**	**No**

Source: CalEEMod version 2022.1. Refer to Attachment A for Model Data Outputs.

Notes: Emissions taken from the year and season, summer or winter, with the highest outputs. Emission reduction/credits for construction emissions are applied based on the required implementation of SCAQMD Rule 403. The specific Rule 403 measures applied in CalEEMod include the following: sweeping/cleaning adjacent roadway access areas daily; washing equipment tires before leaving the construction site; water exposed surfaces three times daily; and limit speeds on unpaved roads to 25 miles per hour. Project construction-generated air pollutant emissions were calculated using CalEEMod model defaults for Los Angeles County and Project information provided in the Project Site Plan including lot acreage, building square footage, estimated landscape area, and the number of parking spaces. Additionally, a construction detail questionnaire completed by the Project applicant was provided that includes a construction timeline, proposed construction equipment, the number of construction haul trips, and the amount of soil and demolished material exported. Construction air quality emissions account for the export of 155 cubic yards of material during the demolition phase and 150 cubic yards of soil during the grading phase.

Table 2-7 shows that the emissions of these pollutants during construction would not result in significant concentrations of pollutants at nearby sensitive receptors. Therefore, significant impacts would not occur concerning LSTs during construction activities. LSTs were developed in response to SCAQMD Governing Boards' Environmental Justice Enhancement Initiative. The SCAQMD Environmental Justice Enhancement Initiative program seeks to ensure that everyone has the right to equal protection from air pollution. Therefore, significant impacts would not occur concerning LSTs during construction activities.

2.3.3.2 Project Operations Criteria Air Quality Emissions

Regional Operational Significance Analysis

Implementation of the Project would result in long-term operational emissions of criteria air pollutants such as PM_{10}, $PM_{2.5}$, CO, and SO_2 as well as O_3 precursors such as ROGs and NO_X. Project-generated increases in emissions would be predominantly associated with motor vehicle use from employees and visitors to the hotel. As previously described, operational air pollutant emissions were based on model defaults for Los

Angeles County coupled with daily trips provided by Linscott Law & Greenspan Engineers (2023) as well as the number of delivery trucks identified in the operations detail questionnaire completed by the Project applicant. Long-term operational emissions attributable to the Project are identified in Table 2-8 and compared to the operational significance thresholds promulgated by the SCAQMD.

Table 2-8. Operational-Related Emissions (Regional Significance Analysis)

Emission Source	Pollutant (pounds per day)					
	ROG	**NO_X**	**CO**	**SO_2**	**PM_{10}**	**$PM_{2.5}$**
Summer Emissions						
Mobile	1.41	0.98	11.40	0.03	2.56	0.66
Area	1.48	0.02	2.07	0.00	0.00	0.00
Energy	0.02	0.37	0.31	0.00	0.03	0.03
Total:	**2.91**	**1.37**	**13.78**	**0.03**	**2.59**	**0.69**
SCAQMD Regional Significance Threshold	*55*	*55*	*550*	*150*	*150*	*55*
Exceed SCAQMD Regional Threshold?	**No**	**No**	**No**	**No**	**No**	**No**
Winter Emissions						
Mobile	1.39	1.07	10.50	0.03	2.56	0.66
Area	1.14	0.00	0.00	0.00	0.00	0.00
Energy	0.02	0.37	0.31	0.00	0.03	0.03
Total:	**2.55**	**1.44**	**10.81**	**0.03**	**2.59**	**0.69**
SCAQMD Regional Significance Threshold	*55*	*55*	*550*	*150*	*150*	*55*
Exceed SCAQMD Regional Threshold?	**No**	**No**	**No**	**No**	**No**	**No**

Source: CalEEMod version 2022.1. Refer to Attachment A for Model Data Outputs.
Notes: Emission projections predominately based on CalEEMod model defaults for Los Angeles County couple with daily trips provided by Linscott Law & Greenspan Engineers (2023) as well as the number of delivery trucks provided in the operations details questionnaire completed by the Project applicant.

As shown in Table 2-8, the Project's emissions would not exceed any SCAQMD thresholds for any criteria air pollutants during operation.

As identified in Table 2-3, the Los Angeles County portion of the SoCAB is listed as a nonattainment area for federal O_3 and $PM_{2.5}$ standards and is also a nonattainment area for the state standards for O_3, $PM_{2.5}$ and PM_{10} (CARB 2023). O_3 is a health threat to persons who already suffer from respiratory diseases and

can cause severe ear, nose and throat irritation and increases susceptibility to respiratory infections. PM can adversely affect the human respiratory system. As shown in Table 2-8, the Proposed Project would result in increased emissions of the O_3 precursor pollutants ROG and NOx, PM_{10}, and $PM_{2.5}$; however, the correlation between a project's emissions and increases in nonattainment days, or frequency or severity of related illnesses, cannot be accurately quantified. The overall strategy for reducing air pollution and related health effects in the SCAQMD is contained in the SCAQMD 2022 AQMP. The AQMP provides control measures that reduce emissions to attain federal ambient air quality standards by their applicable deadlines such as the application of available cleaner technologies, best management practices, incentive programs, as well as development and implementation of zero and near-zero technologies and control methods. The CEQA thresholds of significance established by the SCAQMD are designed to meet the objectives of the AQMP and in doing so achieve attainment status with state and federal standards. As noted above, the Project would increase the emission of these pollutants, but would not exceed the thresholds of significance established by the SCAQMD for purposes of reducing air pollution and its deleterious health effects.

Localized Operational Significance Analysis

According to the SCAQMD localized significance threshold methodology, LSTs would apply to the operational phase of a proposed project only if the project includes stationary sources (e.g., smokestacks) or attracts heavy-duty trucks that may spend long periods queuing and idling at the site (e.g., warehouse or transfer facilities). The Project does not include such uses. As previously described, the Project would involve the construction and operation of a fifty-seven-room hotel with associated amenities. Therefore, in the case of the Proposed Project, the operational phase LST protocol does not need to be applied.

2.3.3.3 Conflict with the 2022 Air Quality Management Plan

As part of its enforcement responsibilities, the USEPA requires each state with nonattainment areas to prepare and submit a SIP that demonstrates the means to attain the federal standards. The SIP must integrate federal, state, and local plan components and regulations to identify specific measures to reduce pollution in nonattainment areas, using a combination of performance standards and market-based programs. Similarly, under state law, the CCAA requires an air quality attainment plan to be prepared for areas designated as nonattainment with regard to the NAAQS and CAAQS. Air quality attainment plans outline emissions limits and control measures to achieve and maintain these standards by the earliest practical date.

As previously mentioned, the Project Site is located within the SoCAB, which is under the jurisdiction of the SCAQMD. The SCAQMD is required, pursuant to the federal CAA, to reduce emissions of criteria pollutants for which the SoCAB is in nonattainment. In order to reduce such emissions, the SCAQMD drafted and adopted the 2022 AQMP. The 2022 AQMP establishes a program of rules and regulations directed at reducing air pollutant emissions and achieving state and federal air quality standards. The 2022 AQMP is a regional and multi-agency effort including the SCAQMD, CARB, SCAG, and the USEPA. The plan's pollutant control strategies are based on the latest scientific and technical information and planning assumptions, including SCAG's latest Regional Transportation Plan/Sustainable Communities Strategy (RTP/SCS), updated emission inventory methodologies for various source categories, and SCAG's latest growth

forecasts. (SCAG's latest growth forecasts were defined in consultation with local governments and with reference to local general plans.) The Project is subject to the SCAQMD's AQMP.

According to the SCAQMD, in order to determine consistency with SCAQMD's air quality planning two main criteria must be addressed.

Criterion 1:

With respect to the first criterion, SCAQMD methodologies require that an air quality analysis for a project include forecasts of project emissions in relation to contributing to air quality violations and delay of attainment.

a) Would the project result in an increase in the frequency or severity of existing air quality violations or cause or contribute to new air quality violations?

As shown in Tables 2-6, 2-7, and 2-8 above, the Proposed Project would result in emissions that would be below the SCAQMD regional and localized thresholds during both construction and operations. Therefore, the Proposed Project would not result in an increase in the frequency or severity of existing air quality violations and would not have the potential to cause or affect a violation of the ambient air quality standards.

b) Would the project delay timely attainment of air quality standards or the interim emissions reductions specified in the AQMP?

As shown in Table 2-6 and 2-8 above, the Proposed Project would be below the SCAQMD regional thresholds for construction and operations. Because the Project would result in less than significant regional emission impacts, it would not delay the timely attainment of air quality standards or AQMP emissions reductions.

Criterion 2:

With respect to the second criterion for determining consistency with SCAQMD and SCAG air quality policies, it is important to recognize that air quality planning within the SoCAB focuses on attainment of ambient air quality standards at the earliest feasible date. Projections for achieving air quality goals are based, in part, on assumptions regarding population, housing, and growth trends. Thus, the SCAQMD's second criterion for determining Project consistency focuses on whether or not the Proposed Project exceeds the assumptions utilized in preparing the forecasts presented its air quality planning documents. Determining whether or not a project exceeds the assumptions reflected in the 2022 AQMP involves the evaluation of the three criteria outlined below. The following discussion provides an analysis of each of these criteria.

a) Would the project be consistent with the population, housing, and employment growth projections utilized in the preparation of the 2022 AQMP?

A project is consistent with regional air quality planning efforts in part if it is consistent with the population, housing, and employment assumptions that were used in the development of the SCAQMD air quality plans. Generally, three sources of data form the basis for the projections of air pollutant emissions in Hawthorne.

Specifically, SCAG's Growth Management Chapter of the Regional Comprehensive Plan and Guide (RCPG) provides regional population forecasts for the region and SCAG's RTP/SCS provides socioeconomic forecast projections of regional population growth. The City of Hawthorne's General Plan is referenced by SCAG in order to assist forecasting future growth in the city.

The Project Site is located within the Downtown Hawthorne Specific Planning Area and has a land use designation of Hospitality Commercial. Sites designated Hospitality Commercial are located within Downtown, which has high visibility and great freeway/transit access, making it a unique and attractive space for the location of a hotel. As the Project proposes a fifty-seven-room hotel with associated amenities, the Project is consistent with this designation and is not proposing to amend the General Plan. Therefore, the Proposed Project would adhere to the land uses envisioned in the General Plan, and is therefore consistent with the types, intensity, and patterns of land use envisioned for the site vicinity in the RTP/SCS and RCPG. As a result, the Project would not conflict with the land use assumptions or exceed the population or job growth projections used by SCAQMD to develop the 2022 AQMP. The City's population, housing, and employment forecasts, which are adopted by SCAG's Regional Council, are based on the local plans and policies applicable to the City; and these are used by SCAG in all phases of implementation and review. Additionally, as the SCAQMD has incorporated these same projections into their air quality planning efforts, it can be concluded that the Proposed Project would be consistent with the projections. (SCAG's latest growth forecasts were defined in consultation with local governments and with reference to local general plans.) Therefore, the Proposed Project would be considered consistent with the population, housing, and employment growth projections utilized in the preparation of SCAQMD's air quality plans.

b) Would the project implement all feasible air quality mitigation measures?

In order to further reduce emissions, the Project would be required to comply with emission reduction measures promulgated by the SCAQMD, such as SCAQMD Rules 402, 403, and 1113. SCAQMD Rule 402 prohibits the discharge from any source whatsoever such quantities of air contaminants or other material which cause injury, detriment, nuisance, or annoyance to any considerable number of persons or to the public, or which endanger the comfort, repose, health, or safety of any such persons or the public, or which cause, or have a natural tendency to cause, injury or damage to business or property. SCAQMD Rule 403 requires fugitive dust sources to implement Best Available Control Measures for all sources, and all forms of visible particulate matter are prohibited from crossing any property line. SCAQMD Rule 403 is intended to reduce PM_{10} emissions from any transportation, handling, construction, or storage activity that has the potential to generate fugitive dust. SCAQMD 1113 requires manufacturers, distributors, and end-users of architectural and industrial maintenance coatings to reduce ROG emissions from the use of these coatings, primarily by placing limits on the ROG content of various coating categories. As such, the Proposed Project meets this consistency criterion.

c) Would the project be consistent with the land use planning strategies set forth by SCAQMD air quality planning efforts?

The AQMP contains air pollutant reduction strategies based on SCAG's latest growth forecasts, and SCAG's growth forecasts were defined in consultation with local governments and with reference to local general

plans. The Proposed Project is consistent with the land use designation and development density presented in the City's General Plan and therefore, would not exceed the population or job growth projections used by the SCAQMD to develop the AQMP.

In conclusion, the determination of AQMP consistency is primarily concerned with the long-term influence of a project on air quality. The Proposed Project would not result in a long-term impact on the region's ability to meet state and federal air quality standards. The Proposed Project's long-term influence would also be consistent with the goals and policies of the SCAQMD's 2022 AQMP.

The Project would be consistent with the emission-reduction goals of the 2022 AQMP.

2.3.3.4 Exposure of Sensitive Receptors to Toxic Air Contaminants

As previously described, sensitive receptors are defined as facilities or land uses that include members of the population that are particularly sensitive to the effects of air pollutants, such as children, the elderly, and people with illnesses. Examples of these sensitive receptors are residences, schools, hospitals, and daycare centers. CARB has identified the following groups of individuals as the most likely to be affected by air pollution: the elderly over age 65, children under age 14, athletes, and persons with cardiovascular and chronic respiratory diseases such as asthma, emphysema, and bronchitis. The Project is proposing the construction and operation of a fifty-seven-room hotel with associated amenities. The nearest sensitive receptors are residences located directly adjacent to the eastern and southern boundaries of the Project Site.

Construction-Generated Air Contaminants

Construction-related activities would result in temporary, short-term Proposed Project-generated emissions of DPM, ROG, NOx, CO, and PM_{10} from the exhaust of off-road, heavy-duty diesel equipment for site preparation (e.g., clearing, grading); soil hauling truck traffic; paving; and other miscellaneous activities. The portion of the SoCAB which encompasses the Project Area is designated as a nonattainment area for federal O_3 and $PM_{2.5}$ standards and is also a nonattainment area for the state standards for O_3, $PM_{2.5}$ and PM_{10} (CARB 2023). Thus, existing O_3, PM_{10}, and $PM_{2.5}$ levels in the SoCAB are at unhealthy levels during certain periods. However, as shown in Table 2-6 and Table 2-7, the Project would not exceed the SCAQMD regional or localized significance thresholds for construction emissions.

The health effects associated with O_3 are generally associated with reduced lung function. O_3 is not emitted directly into the air but is formed through complex chemical reactions between precursor emissions of ROG and NOx in the presence of sunlight. The reactivity of O_3 causes health problems because it damages lung tissue, reduces lung function and sensitizes the lungs to other irritants. Scientific evidence indicates that ambient levels of O_3 not only affect people with impaired respiratory systems, such as asthmatics, but healthy adults and children as well. Exposure to O_3 for several hours at relatively low concentrations has been found to significantly reduce lung function and induce respiratory inflammation in normal, healthy people during exercise. This decrease in lung function generally is accompanied by symptoms including chest pain, coughing, sneezing and pulmonary congestion.

Studies show associations between short-term O_3 exposure and non-accidental mortality, including deaths from respiratory issues. Studies also suggest long-term exposure to O_3 may increase the risk of respiratory-related deaths. The concentration of O_3 at which health effects are observed depends on an individual's sensitivity, level of exertion (i.e., breathing rate), and duration of exposure. Studies show large individual differences in the intensity of symptomatic responses, with one study finding no symptoms to the least responsive individual after a 2-hour exposure to 400 parts per billion of O_3 and a 50 percent decrement in forced airway volume in the most responsive individual. Although the results vary, evidence suggests that sensitive populations (e.g., asthmatics) may be affected on days when the 8-hour maximum O_3 concentration reaches 80 parts per billion. Because the Project would not involve construction activities that would result in O_3 precursor emissions (i.e., ROG or NO_x) in excess of the SCAQMD thresholds, which are set to be protective of human health and account for cumulative emissions in the SoCAB, the Project is not anticipated to substantially contribute to regional O_3 concentrations and the associated health impacts.

CO tends to be a localized impact associated with congested intersections. In terms of adverse health effects, CO competes with oxygen, often replacing it in the blood, reducing the blood's ability to transport oxygen to vital organs. The results of excess CO exposure can include dizziness, fatigue, and impairment of central nervous system functions. The Project would not involve construction activities that would result in CO emissions in excess of the SCAQMD thresholds, which are set to be protective of human health and account for cumulative emissions in the SoCAB. Thus, the Project's CO emissions would not contribute to the health effects associated with this pollutant.

Particulate matter (PM_{10} and $PM_{2.5}$) contains microscopic solids or liquid droplets that are so small that they can get deep into the lungs and cause serious health problems. Particulate matter exposure has been linked to a variety of problems, including premature death in people with heart or lung disease, nonfatal heart attacks, irregular heartbeat, aggravated asthma, decreased lung function, and increased respiratory symptoms such as irritation of the airways, coughing, or difficulty breathing. For construction activity, DPM is the primary TAC of concern. PM_{10} exhaust is considered a surrogate for DPM as all diesel exhaust is considered to be DPM and it contains $PM_{2.5}$ exhaust as a subset. As with O_3 and NOx, the Project would not generate emissions of PM_{10} or $PM_{2.5}$ that would exceed the SCAQMD's thresholds. The increases of these pollutants generated by the Proposed Project would not on their own generate an increase in the number of days exceeding the NAAQS or CAAQS standards. Therefore, PM_{10} and $PM_{2.5}$ emissions, when combined with the existing PM emitted regionally, would have minimal health effect on people located in the immediate vicinity of the Project Site. Additionally, the Project would be required to comply with Rule 403 for fugitive dust control, as described above, which limits the amount of fugitive dust generated during construction. Accordingly, the Project's PM_{10} and $PM_{2.5}$ emissions are not expected to cause any increase in related regional health effects for these pollutants.

In summary, Project construction would not result in a potentially significant contribution to regional concentrations of nonattainment pollutants and would not result in a significant contribution to the adverse health impacts associated with those pollutants. Furthermore, the Project has been evaluated against the SCAQMD's LSTs for construction. As previously stated, LSTs were developed in response to SCAQMD Governing Boards' Environmental Justice Enhancement Initiative and can be used to assist lead agencies in analyzing localized impacts associated with Project-specific level of proposed projects. The SCAQMD

Environmental Justice Enhancement Initiative program seeks to ensure that everyone has the right to equal protection from air pollution. The Environmental Justice Program is divided into three categories, with the LST protocol promulgated under Category I: *Further-Reduced Health Risk*. As shown in Table 2-7, the emissions of pollutants on the peak day of construction would not result in significant concentrations of pollutants at nearby sensitive receptors. Thus, the fact that onsite Project construction emissions would be generated at rates below the LSTs for NO_x, CO, PM_{10}, and $PM_{2.5}$ demonstrates that the Project would not adversely impact vicinity sensitive receptors.

Operational Air Contaminants

The health risk public-notification thresholds adopted by the SCAQMD is 10 excess cancer cases in a million for cancer risk and a hazard index of more than one (1.0) for non-cancer risk. Examples of projects that emit toxic pollutants over long-term operations include oil and gas processing, gasoline dispensing, dry cleaning, electronic and parts manufacturing, medical equipment sterilization, freeways, and rail yards. Operation of the Proposed Project would not result in the development of any substantial sources of air toxics. There are no stationary sources associated with the operations of the Project; nor would the Project attract mobile sources that would spend long periods queuing and idling at the site. Onsite Project emissions would not result in significant concentrations of pollutants at nearby sensitive receptors. The Project would not have a high carcinogenic or non-carcinogenic risk during operation.

Carbon Monoxide Hot Spots

It has long been recognized that CO exceedances are caused by vehicular emissions, primarily when idling at intersections. Concentrations of CO are a direct function of the number of vehicles, length of delay, and traffic flow conditions. Under certain meteorological conditions, CO concentrations close to congested intersections that experience high levels of traffic and elevated background concentrations may reach unhealthy levels, affecting nearby sensitive receptors. Given the high traffic volume potential, areas of high CO concentrations, or "hot spots," are typically associated with intersections that are projected to operate at unacceptable levels of service during the peak commute hours. It has long been recognized that CO hotspots are caused by vehicular emissions, primarily when idling at congested intersections. However, transport of this criteria pollutant is extremely limited, and CO disperses rapidly with distance from the source under normal meteorological conditions. Furthermore, vehicle emissions standards have become increasingly more stringent in the last 20 years. Currently, the allowable CO emissions standard in California is a maximum of 3.4 grams/mile for passenger cars (there are requirements for certain vehicles that are more stringent). With the turnover of older vehicles, introduction of cleaner fuels, and implementation of increasingly sophisticated and efficient emissions control technologies, CO concentration in the SoCAB is designated as in attainment. Detailed modeling of Project-specific CO "hot spots" is not necessary and thus this potential impact is addressed qualitatively.

A CO "hot spot" would occur if an exceedance of the state one-hour standard of 20 parts per million (ppm) or the eight-hour standard of 9 ppm were to occur. The analysis prepared for CO attainment in the South Coast Air Quality Management District's (SCAQMD's) 1992 Federal Attainment Plan for Carbon Monoxide in Los Angeles County and a Modeling and Attainment Demonstration prepared by the SCAQMD as part of the 2003 AQMP can be used to demonstrate the potential for CO exceedances of these standards. The

SCAQMD is the air pollution control officer for much of southern California. The SCAQMD conducted a CO hot spot analysis as part of the 1992 CO Federal Attainment Plan at four busy intersections in Los Angeles County during the peak morning and afternoon time periods. The intersections evaluated included Long Beach Boulevard and Imperial Highway (Lynwood), Wilshire Boulevard and Veteran Avenue (Westwood), Sunset Boulevard and Highland Avenue (Hollywood), and La Cienega Boulevard and Century Boulevard (Inglewood). The busiest intersection evaluated was at Wilshire Boulevard and Veteran Avenue, which has a traffic volume of approximately 100,000 vehicles per day. Despite this level of traffic, the CO analysis concluded that there was no violation of CO standards (SCAQMD 1992). In order to establish a more accurate record of baseline CO concentrations affecting the Los Angeles, a CO "hot spot" analysis was conducted in 2003 at the same four busy intersections in Los Angeles at the peak morning and afternoon time periods. This "hot spot" analysis did not predict any violation of CO standards. The highest one-hour concentration was measured at 4.6 ppm at Wilshire Boulevard and Veteran Avenue and the highest eight-hour concentration was measured at 8.4 ppm at Long Beach Boulevard and Imperial Highway. Thus, there was no violation of CO standards.

Similar considerations are also employed by other Air Districts when evaluating potential CO concentration impacts. More specifically, the Bay Area Air Quality Management District, the air pollution control officer for the San Francisco Bay Area, concludes that under existing and future vehicle emission rates, a given project would have to increase traffic volumes at a single intersection by more than 44,000 vehicles per hour or 24,000 vehicles per hour where vertical and/or horizontal air does not mix—in order to generate a significant CO impact.

According to the Traffic Assessment (Linscott Law & Greenspan Engineers 2023) the Project is anticipated to generate 455 daily trips. Additionally, the Project would instigate one additional delivery truck trip per day (7 deliveries per week) per the operations detail questionnaire completed by the Project applicant, for a total of 456 daily trips. Thus, the Proposed Project would not generate traffic volumes at any intersection of more than 100,000 vehicles per day (or 44,000 vehicles per day) and there is no likelihood of the Project traffic exceeding CO values.

2.3.3.5 Odors

Typically, odors are regarded as an annoyance rather than a health hazard. However, manifestations of a person's reaction to foul odors can range from psychological (e.g., irritation, anger, or anxiety) to physiological (e.g., circulatory and respiratory effects, nausea, vomiting, and headache).

With respect to odors, the human nose is the sole sensing device. The ability to detect odors varies considerably among the population and overall is quite subjective. Some individuals have the ability to smell minute quantities of specific substances; others may not have the same sensitivity but may have sensitivities to odors of other substances. In addition, people may have different reactions to the same odor; in fact, an odor that is offensive to one person (e.g., from a fast-food restaurant) may be perfectly acceptable to another. It is also important to note that an unfamiliar odor is more easily detected and is more likely to cause complaints than a familiar one. This is because of the phenomenon known as odor fatigue, in which a person can become desensitized to almost any odor and recognition only occurs with an alteration in the intensity.

Quality and intensity are two properties present in any odor. The quality of an odor indicates the nature of the smell experience. For instance, if a person describes an odor as flowery or sweet, then the person is describing the quality of the odor. Intensity refers to the strength of the odor. For example, a person may use the word "strong" to describe the intensity of an odor. Odor intensity depends on the odorant concentration in the air. When an odorous sample is progressively diluted, the odorant concentration decreases. As this occurs, the odor intensity weakens and eventually becomes so low that the detection or recognition of the odor is quite difficult. At some point during dilution, the concentration of the odorant reaches a detection threshold. An odorant concentration below the detection threshold means that the concentration in the air is not detectable by the average human.

During construction, the Proposed Project presents the potential for generation of objectionable odors in the form of diesel exhaust in the immediate vicinity of the site. However, these emissions are short-term in nature and will rapidly dissipate and be diluted by the atmosphere downwind of the emission sources. It is expected that the odors associated with the Project's construction would not be concentrated or stagnant near any of the sensitive receptors, specifically the residences bordering the Project to the north, east and west. Additionally, odors would be localized and generally confined to the construction area. Therefore, construction odors would not adversely affect a substantial number of people to odor emissions.

According to the SCAQMD, land uses commonly considered to be potential sources of obnoxious odorous emissions include agriculture (farming and livestock), wastewater treatment plants, food processing plants, chemical plants, composting facilities, refineries, landfills, dairies, and fiberglass molding. The Proposed Project does not include any uses identified by the SCAQMD as being associated with odors.

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LIST OF ATTACHMENTS

Attachment A – CalEEMod Output File for Air Quality Emissions

ATTACHMENT A

CalEEMod Output File for Air Quality Emissions

Menlo Hotel v2 Detailed Report

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1. Basic Project Information

1.1. Basic Project Information

Data Field	Value
Project Name	Menlo Hotel v2
Construction Start Date	11/3/2025
Operational Year	2027
Lead Agency	—
Land Use Scale	Project/site
Analysis Level for Defaults	County
Windspeed (m/s)	2.20
Precipitation (days)	17.8
Location	33.9306855590052, -118.34689671930386
County	Los Angeles-South Coast
City	Hawthorne
Air District	South Coast AQMD
Air Basin	South Coast
TAZ	4559
EDFZ	7
Electric Utility	Southern California Edison
Gas Utility	Southern California Gas
App Version	2022.1.1.28

1.2. Land Use Types

Land Use Subtype	Size	Unit	Lot Acreage	Building Area (sq ft)	Landscape Area (sq ft)	Special Landscape Area (sq ft)	Population	Description
Hotel	57.0	Room	0.30	47,584	6,000	—	—	—

Parking Lot	59.0	Space	0.10	0.00	0.00	—	—	—

1.3. User-Selected Emission Reduction Measures by Emissions Sector

Sector	#	Measure Title
Construction	C-10-A	Water Exposed Surfaces
Construction	C-11	Limit Vehicle Speeds on Unpaved Roads
Construction	C-12	Sweep Paved Roads
Transportation	T-34*	Provide Bike Parking
Energy	E-2	Require Energy Efficient Appliances
Water	W-4	Require Low-Flow Water Fixtures
Water	W-5	Design Water-Efficient Landscapes

* Qualitative or supporting measure. Emission reductions not included in the mitigated emissions results.

2. Emissions Summary

2.1. Construction Emissions Compared Against Thresholds

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

Un/Mit.	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	12.1	17.2	24.9	0.05	0.55	0.51	1.06	0.51	0.12	0.63	—	5,499	5,499	0.22	0.09	2.03	5,533
Mit.	12.1	17.2	24.9	0.05	0.55	0.51	1.06	0.51	0.12	0.63	—	5,499	5,499	0.22	0.09	2.03	5,533
% Reduced	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	34.2	24.0	52.0	0.06	0.96	6.95	7.91	0.88	2.82	3.70	—	6,537	6,537	0.27	0.18	0.08	6,576
Mit.	34.2	24.0	52.0	0.06	0.96	3.06	4.02	0.88	1.18	2.07	—	6,537	6,537	0.27	0.18	0.08	6,576

% Reduced	—	—	—	—	—	56%	49%	—	58%	44%	—	—	—	—	—	—	—
Average Daily (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	2.02	4.77	6.99	0.01	0.16	0.63	0.79	0.15	0.22	0.37	—	1,566	1,566	0.06	0.04	0.51	1,581
Mit.	2.02	4.77	6.99	0.01	0.16	0.40	0.56	0.15	0.12	0.27	—	1,566	1,566	0.06	0.04	0.51	1,581
% Reduced	—	—	—	—	—	37%	30%	—	45%	27%	—	—	—	—	—	—	—
Annual (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	0.37	0.87	1.28	< 0.005	0.03	0.12	0.14	0.03	0.04	0.07	—	259	259	0.01	0.01	0.08	262
Mit.	0.37	0.87	1.28	< 0.005	0.03	0.07	0.10	0.03	0.02	0.05	—	259	259	0.01	0.01	0.08	262
% Reduced	—	—	—	—	—	37%	30%	—	45%	27%	—	—	—	—	—	—	—

2.2. Construction Emissions by Year, Unmitigated

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

Year	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily - Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2026	0.54	5.04	8.06	0.01	0.16	0.33	0.48	0.14	0.08	0.22	—	1,799	1,799	0.07	0.05	1.57	1,819
2027	12.1	17.2	24.9	0.05	0.55	0.51	1.06	0.51	0.12	0.63	—	5,499	5,499	0.22	0.09	2.03	5,533
Daily - Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2025	34.2	20.7	52.0	0.04	0.89	6.62	7.51	0.82	2.74	3.56	—	4,757	4,757	0.20	0.18	0.08	4,778
2026	2.81	24.0	29.7	0.06	0.96	6.95	7.91	0.88	2.82	3.70	—	6,537	6,537	0.27	0.11	0.07	6,576
2027	0.52	4.89	7.78	0.01	0.14	0.33	0.47	0.13	0.08	0.21	—	1,776	1,776	0.07	0.05	0.04	1,793
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

2025	2.02	1.51	4.21	< 0.005	0.09	0.43	0.53	0.08	0.17	0.25	—	380	380	0.02	0.01	0.10	385
2026	0.52	4.77	6.99	0.01	0.16	0.63	0.79	0.15	0.22	0.37	—	1,566	1,566	0.06	0.04	0.51	1,581
2027	1.51	2.83	4.27	0.01	0.09	0.13	0.22	0.08	0.03	0.11	—	959	959	0.04	0.02	0.24	966
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2025	0.37	0.28	0.77	< 0.005	0.02	0.08	0.10	0.01	0.03	0.05	—	63.0	63.0	< 0.005	< 0.005	0.02	63.7
2026	0.10	0.87	1.28	< 0.005	0.03	0.12	0.14	0.03	0.04	0.07	—	259	259	0.01	0.01	0.08	262
2027	0.28	0.52	0.78	< 0.005	0.02	0.02	0.04	0.01	0.01	0.02	—	159	159	0.01	< 0.005	0.04	160

2.3. Construction Emissions by Year, Mitigated

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

Year	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily - Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2026	0.54	5.04	8.06	0.01	0.16	0.33	0.48	0.14	0.08	0.22	—	1,799	1,799	0.07	0.05	1.57	1,819
2027	12.1	17.2	24.9	0.05	0.55	0.51	1.06	0.51	0.12	0.63	—	5,499	5,499	0.22	0.09	2.03	5,533
Daily - Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2025	34.2	20.7	52.0	0.04	0.89	2.73	3.63	0.82	1.11	1.93	—	4,757	4,757	0.20	0.18	0.08	4,778
2026	2.81	24.0	29.7	0.06	0.96	3.06	4.02	0.88	1.18	2.07	—	6,537	6,537	0.27	0.11	0.07	6,576
2027	0.52	4.89	7.78	0.01	0.14	0.33	0.47	0.13	0.08	0.21	—	1,776	1,776	0.07	0.05	0.04	1,793
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2025	2.02	1.51	4.21	< 0.005	0.09	0.20	0.29	0.08	0.07	0.15	—	380	380	0.02	0.01	0.10	385
2026	0.52	4.77	6.99	0.01	0.16	0.40	0.56	0.15	0.12	0.27	—	1,566	1,566	0.06	0.04	0.51	1,581
2027	1.51	2.83	4.27	0.01	0.09	0.13	0.22	0.08	0.03	0.11	—	959	959	0.04	0.02	0.24	966
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2025	0.37	0.28	0.77	< 0.005	0.02	0.04	0.05	0.01	0.01	0.03	—	63.0	63.0	< 0.005	< 0.005	0.02	63.7
2026	0.10	0.87	1.28	< 0.005	0.03	0.07	0.10	0.03	0.02	0.05	—	259	259	0.01	0.01	0.08	262

2027	0.28	0.52	0.78	< 0.005	0.02	0.02	0.04	0.01	0.01	0.02	—	159	159	0.01	< 0.005	0.04	160

2.4. Operations Emissions Compared Against Thresholds

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

Un/Mit.	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	2.91	1.36	13.7	0.03	0.05	2.54	2.59	0.05	0.65	0.69	19.6	4,217	4,237	2.20	0.13	82.9	4,412
Mit.	2.91	1.36	13.7	0.03	0.05	2.54	2.59	0.05	0.65	0.69	19.3	4,166	4,186	2.16	0.12	82.9	4,360
% Reduced	—	—	—	—	—	—	—	—	—	—	2%	1%	1%	2%	1%	—	1%
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	2.55	1.44	10.8	0.03	0.05	2.54	2.59	0.04	0.65	0.69	19.6	4,094	4,113	2.21	0.13	74.6	4,282
Mit.	2.55	1.44	10.8	0.03	0.05	2.54	2.59	0.04	0.65	0.69	19.3	4,043	4,062	2.17	0.13	74.6	4,230
% Reduced	—	—	—	—	—	—	—	—	—	—	2%	1%	1%	2%	1%	—	1%
Average Daily (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	2.77	1.46	12.5	0.03	0.05	2.51	2.56	0.05	0.64	0.68	19.6	4,131	4,150	2.21	0.13	78.0	4,323
Mit.	2.77	1.46	12.5	0.03	0.05	2.51	2.56	0.05	0.64	0.68	19.3	4,080	4,099	2.17	0.13	78.0	4,270
% Reduced	—	—	—	—	—	—	—	—	—	—	2%	1%	1%	2%	1%	—	1%
Annual (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	0.51	0.27	2.28	0.01	0.01	0.46	0.47	0.01	0.12	0.12	3.24	684	687	0.37	0.02	12.9	716
Mit.	0.51	0.27	2.28	0.01	0.01	0.46	0.47	0.01	0.12	0.12	3.19	675	679	0.36	0.02	12.9	707
% Reduced	—	—	—	—	—	—	—	—	—	—	2%	1%	1%	2%	1%	—	1%

2.5. Operations Emissions by Sector, Unmitigated

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

Sector	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	1.41	0.98	11.4	0.03	0.02	2.54	2.56	0.02	0.65	0.66	—	2,777	2,777	0.14	0.11	8.48	2,822
Area	1.48	0.02	2.07	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	8.51	8.51	< 0.005	< 0.005	—	8.54
Energy	0.02	0.37	0.31	< 0.005	0.03	—	0.03	0.03	—	0.03	—	1,416	1,416	0.10	0.01	—	1,421
Water	—	—	—	—	—	—	—	—	—	—	2.77	15.0	17.8	0.29	0.01	—	26.9
Waste	—	—	—	—	—	—	—	—	—	—	16.8	0.00	16.8	1.68	0.00	—	58.8
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	74.4	74.4
Total	2.91	1.36	13.7	0.03	0.05	2.54	2.59	0.05	0.65	0.69	19.6	4,217	4,237	2.20	0.13	82.9	4,412
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	1.39	1.07	10.5	0.03	0.02	2.54	2.56	0.02	0.65	0.66	—	2,662	2,662	0.14	0.12	0.22	2,701
Area	1.14	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Energy	0.02	0.37	0.31	< 0.005	0.03	—	0.03	0.03	—	0.03	—	1,416	1,416	0.10	0.01	—	1,421
Water	—	—	—	—	—	—	—	—	—	—	2.77	15.0	17.8	0.29	0.01	—	26.9
Waste	—	—	—	—	—	—	—	—	—	—	16.8	0.00	16.8	1.68	0.00	—	58.8
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	74.4	74.4
Total	2.55	1.44	10.8	0.03	0.05	2.54	2.59	0.04	0.65	0.69	19.6	4,094	4,113	2.21	0.13	74.6	4,282
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	1.38	1.08	10.8	0.03	0.02	2.51	2.53	0.02	0.64	0.65	—	2,693	2,693	0.14	0.12	3.66	2,735
Area	1.37	0.01	1.42	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	5.83	5.83	< 0.005	< 0.005	—	5.85
Energy	0.02	0.37	0.31	< 0.005	0.03	—	0.03	0.03	—	0.03	—	1,416	1,416	0.10	0.01	—	1,421
Water	—	—	—	—	—	—	—	—	—	—	2.77	15.0	17.8	0.29	0.01	—	26.9
Waste	—	—	—	—	—	—	—	—	—	—	16.8	0.00	16.8	1.68	0.00	—	58.8

Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	74.4	74.4
Total	2.77	1.46	12.5	0.03	0.05	2.51	2.56	0.05	0.64	0.68	19.6	4,131	4,150	2.21	0.13	78.0	4,323
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	0.25	0.20	1.97	< 0.005	< 0.005	0.46	0.46	< 0.005	0.12	0.12	—	446	446	0.02	0.02	0.61	453
Area	0.25	< 0.005	0.26	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	0.97	0.97	< 0.005	< 0.005	—	0.97
Energy	< 0.005	0.07	0.06	< 0.005	0.01	—	0.01	0.01	—	0.01	—	234	234	0.02	< 0.005	—	235
Water	—	—	—	—	—	—	—	—	—	—	0.46	2.48	2.94	0.05	< 0.005	—	4.46
Waste	—	—	—	—	—	—	—	—	—	—	2.78	0.00	2.78	0.28	0.00	—	9.74
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	12.3	12.3
Total	0.51	0.27	2.28	0.01	0.01	0.46	0.47	0.01	0.12	0.12	3.24	684	687	0.37	0.02	12.9	716

2.6. Operations Emissions by Sector, Mitigated

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

Sector	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	1.41	0.98	11.4	0.03	0.02	2.54	2.56	0.02	0.65	0.66	—	2,777	2,777	0.14	0.11	8.48	2,822
Area	1.48	0.02	2.07	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	8.51	8.51	< 0.005	< 0.005	—	8.54
Energy	0.02	0.37	0.31	< 0.005	0.03	—	0.03	0.03	—	0.03	—	1,368	1,368	0.10	0.01	—	1,372
Water	—	—	—	—	—	—	—	—	—	—	2.44	13.0	15.4	0.25	0.01	—	23.5
Waste	—	—	—	—	—	—	—	—	—	—	16.8	0.00	16.8	1.68	0.00	—	58.8
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	74.4	74.4
Total	2.91	1.36	13.7	0.03	0.05	2.54	2.59	0.05	0.65	0.69	19.3	4,166	4,186	2.16	0.12	82.9	4,360
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	1.39	1.07	10.5	0.03	0.02	2.54	2.56	0.02	0.65	0.66	—	2,662	2,662	0.14	0.12	0.22	2,701
Area	1.14	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Energy	0.02	0.37	0.31	< 0.005	0.03	—	0.03	0.03	—	0.03	—	1,368	1,368	0.10	0.01	—	1,372
Water	—	—	—	—	—	—	—	—	—	—	2.44	13.0	15.4	0.25	0.01	—	23.5
Waste	—	—	—	—	—	—	—	—	—	—	16.8	0.00	16.8	1.68	0.00	—	58.8
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	74.4	74.4
Total	2.55	1.44	10.8	0.03	0.05	2.54	2.59	0.04	0.65	0.69	19.3	4,043	4,062	2.17	0.13	74.6	4,230
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	1.38	1.08	10.8	0.03	0.02	2.51	2.53	0.02	0.64	0.65	—	2,693	2,693	0.14	0.12	3.66	2,735
Area	1.37	0.01	1.42	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	5.83	5.83	< 0.005	< 0.005	—	5.85
Energy	0.02	0.37	0.31	< 0.005	0.03	—	0.03	0.03	—	0.03	—	1,368	1,368	0.10	0.01	—	1,372
Water	—	—	—	—	—	—	—	—	—	—	2.44	13.0	15.4	0.25	0.01	—	23.5
Waste	—	—	—	—	—	—	—	—	—	—	16.8	0.00	16.8	1.68	0.00	—	58.8
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	74.4	74.4
Total	2.77	1.46	12.5	0.03	0.05	2.51	2.56	0.05	0.64	0.68	19.3	4,080	4,099	2.17	0.13	78.0	4,270
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	0.25	0.20	1.97	< 0.005	< 0.005	0.46	0.46	< 0.005	0.12	0.12	—	446	446	0.02	0.02	0.61	453
Area	0.25	< 0.005	0.26	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	0.97	0.97	< 0.005	< 0.005	—	0.97
Energy	< 0.005	0.07	0.06	< 0.005	0.01	—	0.01	0.01	—	0.01	—	226	226	0.02	< 0.005	—	227
Water	—	—	—	—	—	—	—	—	—	—	0.40	2.14	2.55	0.04	< 0.005	—	3.89
Waste	—	—	—	—	—	—	—	—	—	—	2.78	0.00	2.78	0.28	0.00	—	9.74
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	12.3	12.3
Total	0.51	0.27	2.28	0.01	0.01	0.46	0.47	0.01	0.12	0.12	3.19	675	679	0.36	0.02	12.9	707

3. Construction Emissions Details

3.1. Demolition (2025) - Unmitigated

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

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

Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	34.2	3.23	51.0	0.01	0.66	—	0.66	0.51	—	0.51	—	464	464	0.02	< 0.005	—	465
Dust From Material Movement	—	—	—	—	—	< 0.005	< 0.005	—	< 0.005	< 0.005	—	—	—	—	—	—	—
Demolition	—	—	—	—	—	0.22	0.22	—	0.03	0.03	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.87	0.18	2.79	< 0.005	0.04	—	0.04	0.03	—	0.03	—	25.4	25.4	< 0.005	< 0.005	—	25.5
Dust From Material Movement	—	—	—	—	—	< 0.005	< 0.005	—	< 0.005	< 0.005	—	—	—	—	—	—	—
Demolition	—	—	—	—	—	0.01	0.01	—	< 0.005	< 0.005	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.34	0.03	0.51	< 0.005	0.01	—	0.01	0.01	—	0.01	—	4.21	4.21	< 0.005	< 0.005	—	4.22
Dust From Material Movement	—	—	—	—	—	< 0.005	< 0.005	—	< 0.005	< 0.005	—	—	—	—	—	—	—

Demoliti	—	—	—	—	—	< 0.005	< 0.005	—	< 0.005	< 0.005	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.03	0.04	0.44	0.00	0.00	0.10	0.10	0.00	0.02	0.02	—	98.3	98.3	< 0.005	< 0.005	0.01	99.5
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.02	1.41	0.53	0.01	0.01	0.30	0.31	0.01	0.08	0.10	—	1,109	1,109	0.06	0.17	0.07	1,162
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.03	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	5.47	5.47	< 0.005	< 0.005	0.01	5.54
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	< 0.005	0.08	0.03	< 0.005	< 0.005	0.02	0.02	< 0.005	< 0.005	0.01	—	60.7	60.7	< 0.005	0.01	0.06	63.7
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.90	0.90	< 0.005	< 0.005	< 0.005	0.92
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	10.1	10.1	< 0.005	< 0.005	0.01	10.6

3.2. Demolition (2025) - Mitigated

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

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

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	34.2	3.23	51.0	0.01	0.66	—	0.66	0.51	—	0.51	—	464	464	0.02	< 0.005	—	465
Dust From Material Movement	—	—	—	—	—	< 0.005	< 0.005	—	< 0.005	< 0.005	—	—	—	—	—	—	—
Demolition	—	—	—	—	—	0.22	0.22	—	0.03	0.03	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.87	0.18	2.79	< 0.005	0.04	—	0.04	0.03	—	0.03	—	25.4	25.4	< 0.005	< 0.005	—	25.5
Dust From Material Movement	—	—	—	—	—	< 0.005	< 0.005	—	< 0.005	< 0.005	—	—	—	—	—	—	—
Demolition	—	—	—	—	—	0.01	0.01	—	< 0.005	< 0.005	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.34	0.03	0.51	< 0.005	0.01	—	0.01	0.01	—	0.01	—	4.21	4.21	< 0.005	< 0.005	—	4.22
Dust From Material Movement	—	—	—	—	—	< 0.005	< 0.005	—	< 0.005	< 0.005	—	—	—	—	—	—	—
Demolition	—	—	—	—	—	< 0.005	< 0.005	—	< 0.005	< 0.005	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.03	0.04	0.44	0.00	0.00	0.10	0.10	0.00	0.02	0.02	—	98.3	98.3	< 0.005	< 0.005	0.01	99.5
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.02	1.41	0.53	0.01	0.01	0.30	0.31	0.01	0.08	0.10	—	1,109	1,109	0.06	0.17	0.07	1,162
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.03	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	5.47	5.47	< 0.005	< 0.005	0.01	5.54
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	< 0.005	0.08	0.03	< 0.005	< 0.005	0.02	0.02	< 0.005	< 0.005	0.01	—	60.7	60.7	< 0.005	0.01	0.06	63.7
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.90	0.90	< 0.005	< 0.005	< 0.005	0.92
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	10.1	10.1	< 0.005	< 0.005	0.01	10.6

3.3. Grading (2025) - Unmitigated

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

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	2.32	20.5	21.3	0.04	0.89	—	0.89	0.82	—	0.82	—	4,458	4,458	0.18	0.04	—	4,474

Dust From Material Movement	—	—	—	—	—	6.37	6.37	—	2.68	2.68	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.14	1.25	1.29	< 0.005	0.05	—	0.05	0.05	—	0.05	—	270	270	0.01	< 0.005	—	271
Dust From Material Movement	—	—	—	—	—	0.39	0.39	—	0.16	0.16	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.03	0.23	0.24	< 0.005	0.01	—	0.01	0.01	—	0.01	—	44.8	44.8	< 0.005	< 0.005	—	44.9
Dust From Material Movement	—	—	—	—	—	0.07	0.07	—	0.03	0.03	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.07	0.08	1.03	0.00	0.00	0.23	0.23	0.00	0.05	0.05	—	229	229	0.01	0.01	0.02	232
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	< 0.005	0.09	0.03	< 0.005	< 0.005	0.02	0.02	< 0.005	0.01	0.01	—	69.3	69.3	< 0.005	0.01	< 0.005	72.6

Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	0.01	0.07	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	14.1	14.1	< 0.005	< 0.005	0.02	14.3
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	4.20	4.20	< 0.005	< 0.005	< 0.005	4.41
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	2.34	2.34	< 0.005	< 0.005	< 0.005	2.37
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.70	0.70	< 0.005	< 0.005	< 0.005	0.73

3.4. Grading (2025) - Mitigated

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

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	2.32	20.5	21.3	0.04	0.89	—	0.89	0.82	—	0.82	—	4,458	4,458	0.18	0.04	—	4,474
Dust From Material Movement	—	—	—	—	—	2.49	2.49	—	1.05	1.05	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.14	1.25	1.29	< 0.005	0.05	—	0.05	0.05	—	0.05	—	270	270	0.01	< 0.005	—	271

Dust From Material Movement	—	—	—	—	—	0.15	0.15	—	0.06	0.06	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.03	0.23	0.24	< 0.005	0.01	—	0.01	0.01	—	0.01	—	44.8	44.8	< 0.005	< 0.005	—	44.9
Dust From Material Movement	—	—	—	—	—	0.03	0.03	—	0.01	0.01	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.07	0.08	1.03	0.00	0.00	0.23	0.23	0.00	0.05	0.05	—	229	229	0.01	0.01	0.02	232
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	< 0.005	0.09	0.03	< 0.005	< 0.005	0.02	0.02	< 0.005	0.01	0.01	—	69.3	69.3	< 0.005	0.01	< 0.005	72.6
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	0.01	0.07	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	14.1	14.1	< 0.005	< 0.005	0.02	14.3
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	4.20	4.20	< 0.005	< 0.005	< 0.005	4.41
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	2.34	2.34	< 0.005	< 0.005	< 0.005	2.37
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.70	0.70	< 0.005	< 0.005	< 0.005	0.73

3.5. Grading (2026) - Unmitigated

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

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	2.20	18.8	20.8	0.04	0.80	—	0.80	0.74	—	0.74	—	4,459	4,459	0.18	0.04	—	4,474
Dust From Material Movement	—	—	—	—	—	6.37	6.37	—	2.68	2.68	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.13	1.14	1.26	< 0.005	0.05	—	0.05	0.04	—	0.04	—	270	270	0.01	< 0.005	—	271
Dust From Material Movement	—	—	—	—	—	0.39	0.39	—	0.16	0.16	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.21	0.23	< 0.005	0.01	—	0.01	0.01	—	0.01	—	44.8	44.8	< 0.005	< 0.005	—	44.9
Dust From Material Movement	—	—	—	—	—	0.07	0.07	—	0.03	0.03	—	—	—	—	—	—	—

Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.06	0.08	0.96	0.00	0.00	0.23	0.23	0.00	0.05	0.05	—	225	225	0.01	0.01	0.02	228
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	< 0.005	0.09	0.03	< 0.005	< 0.005	0.02	0.02	< 0.005	0.01	0.01	—	68.0	68.0	< 0.005	0.01	< 0.005	71.4
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	0.01	0.06	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	13.8	13.8	< 0.005	< 0.005	0.02	14.0
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	4.13	4.13	< 0.005	< 0.005	< 0.005	4.33
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	2.29	2.29	< 0.005	< 0.005	< 0.005	2.32
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.68	0.68	< 0.005	< 0.005	< 0.005	0.72

3.6. Grading (2026) - Mitigated

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

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

Off-Road Equipment	2.20	18.8	20.8	0.04	0.80	—	0.80	0.74	—	0.74	—	4,459	4,459	0.18	0.04	—	4,474
Dust From Material Movement	—	—	—	—	—	2.49	2.49	—	1.05	1.05	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.13	1.14	1.26	< 0.005	0.05	—	0.05	0.04	—	0.04	—	270	270	0.01	< 0.005	—	271
Dust From Material Movement	—	—	—	—	—	0.15	0.15	—	0.06	0.06	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.21	0.23	< 0.005	0.01	—	0.01	0.01	—	0.01	—	44.8	44.8	< 0.005	< 0.005	—	44.9
Dust From Material Movement	—	—	—	—	—	0.03	0.03	—	0.01	0.01	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.06	0.08	0.96	0.00	0.00	0.23	0.23	0.00	0.05	0.05	—	225	225	0.01	0.01	0.02	228
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Hauling	< 0.005	0.09	0.03	< 0.005	< 0.005	0.02	0.02	< 0.005	0.01	0.01	—	68.0	68.0	< 0.005	0.01	< 0.005	71.4
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	0.01	0.06	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	13.8	13.8	< 0.005	< 0.005	0.02	14.0
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	4.13	4.13	< 0.005	< 0.005	< 0.005	4.33
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	2.29	2.29	< 0.005	< 0.005	< 0.005	2.32
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.68	0.68	< 0.005	< 0.005	< 0.005	0.72

3.7. Building Construction (2026) - Unmitigated

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

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.46	4.69	6.64	0.01	0.15	—	0.15	0.14	—	0.14	—	1,285	1,285	0.05	0.01	—	1,290
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.46	4.69	6.64	0.01	0.15	—	0.15	0.14	—	0.14	—	1,285	1,285	0.05	0.01	—	1,290
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Road Equipment	0.33	3.35	4.75	0.01	0.11	—	0.11	0.10	—	0.10	—	918	918	0.04	0.01	—	921
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.06	0.61	0.87	< 0.005	0.02	—	0.02	0.02	—	0.02	—	152	152	0.01	< 0.005	—	153
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.07	0.08	1.29	0.00	0.00	0.26	0.26	0.00	0.06	0.06	—	271	271	0.01	0.01	0.92	275
Vendor	0.01	0.27	0.13	< 0.005	< 0.005	0.07	0.07	< 0.005	0.02	0.02	—	243	243	0.01	0.03	0.66	254
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.07	0.09	1.10	0.00	0.00	0.26	0.26	0.00	0.06	0.06	—	257	257	0.01	0.01	0.02	260
Vendor	0.01	0.28	0.13	< 0.005	< 0.005	0.07	0.07	< 0.005	0.02	0.02	—	243	243	0.01	0.03	0.02	254
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.05	0.07	0.82	0.00	0.00	0.18	0.18	0.00	0.04	0.04	—	186	186	0.01	0.01	0.28	189
Vendor	0.01	0.20	0.09	< 0.005	< 0.005	0.05	0.05	< 0.005	0.01	0.01	—	174	174	0.01	0.02	0.20	181
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.15	0.00	0.00	0.03	0.03	0.00	0.01	0.01	—	30.8	30.8	< 0.005	< 0.005	0.05	31.2
Vendor	< 0.005	0.04	0.02	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	28.8	28.8	< 0.005	< 0.005	0.03	30.0
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.8. Building Construction (2026) - Mitigated

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

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.46	4.69	6.64	0.01	0.15	—	0.15	0.14	—	0.14	—	1,285	1,285	0.05	0.01	—	1,290
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.46	4.69	6.64	0.01	0.15	—	0.15	0.14	—	0.14	—	1,285	1,285	0.05	0.01	—	1,290
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.33	3.35	4.75	0.01	0.11	—	0.11	0.10	—	0.10	—	918	918	0.04	0.01	—	921
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.06	0.61	0.87	< 0.005	0.02	—	0.02	0.02	—	0.02	—	152	152	0.01	< 0.005	—	153
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Worker	0.07	0.08	1.29	0.00	0.00	0.26	0.26	0.00	0.06	0.06	—	271	271	0.01	0.01	0.92	275
Vendor	0.01	0.27	0.13	< 0.005	< 0.005	0.07	0.07	< 0.005	0.02	0.02	—	243	243	0.01	0.03	0.66	254
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.07	0.09	1.10	0.00	0.00	0.26	0.26	0.00	0.06	0.06	—	257	257	0.01	0.01	0.02	260
Vendor	0.01	0.28	0.13	< 0.005	< 0.005	0.07	0.07	< 0.005	0.02	0.02	—	243	243	0.01	0.03	0.02	254
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.05	0.07	0.82	0.00	0.00	0.18	0.18	0.00	0.04	0.04	—	186	186	0.01	0.01	0.28	189
Vendor	0.01	0.20	0.09	< 0.005	< 0.005	0.05	0.05	< 0.005	0.01	0.01	—	174	174	0.01	0.02	0.20	181
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.15	0.00	0.00	0.03	0.03	0.00	0.01	0.01	—	30.8	30.8	< 0.005	< 0.005	0.05	31.2
Vendor	< 0.005	0.04	0.02	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	28.8	28.8	< 0.005	< 0.005	0.03	30.0
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.9. Building Construction (2027) - Unmitigated

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

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.45	4.54	6.64	0.01	0.14	—	0.14	0.13	—	0.13	—	1,285	1,285	0.05	0.01	—	1,290
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.45	4.54	6.64	0.01	0.14	—	0.14	0.13	—	0.13	—	1,285	1,285	0.05	0.01	—	1,290
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.16	1.61	2.35	< 0.005	0.05	—	0.05	0.05	—	0.05	—	455	455	0.02	< 0.005	—	457
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.03	0.29	0.43	< 0.005	0.01	—	0.01	0.01	—	0.01	—	75.4	75.4	< 0.005	< 0.005	—	75.6
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.07	0.07	1.20	0.00	0.00	0.26	0.26	0.00	0.06	0.06	—	266	266	0.01	0.01	0.83	270
Vendor	0.01	0.26	0.12	< 0.005	< 0.005	0.07	0.07	< 0.005	0.02	0.02	—	238	238	0.01	0.03	0.62	249
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.07	0.09	1.02	0.00	0.00	0.26	0.26	0.00	0.06	0.06	—	252	252	< 0.005	0.01	0.02	255
Vendor	0.01	0.27	0.13	< 0.005	< 0.005	0.07	0.07	< 0.005	0.02	0.02	—	239	239	0.01	0.03	0.02	249
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02	0.03	0.38	0.00	0.00	0.09	0.09	0.00	0.02	0.02	—	90.5	90.5	< 0.005	< 0.005	0.13	91.7

Vendor	< 0.005	0.10	0.04	< 0.005	< 0.005	0.02	0.02	< 0.005	0.01	0.01	—	84.5	84.5	< 0.005	0.01	0.10	88.1
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	0.01	0.07	0.00	0.00	0.02	0.02	0.00	< 0.005	< 0.005	—	15.0	15.0	< 0.005	< 0.005	0.02	15.2
Vendor	< 0.005	0.02	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	14.0	14.0	< 0.005	< 0.005	0.02	14.6
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.10. Building Construction (2027) - Mitigated

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

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.45	4.54	6.64	0.01	0.14	—	0.14	0.13	—	0.13	—	1,285	1,285	0.05	0.01	—	1,290
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.45	4.54	6.64	0.01	0.14	—	0.14	0.13	—	0.13	—	1,285	1,285	0.05	0.01	—	1,290
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.16	1.61	2.35	< 0.005	0.05	—	0.05	0.05	—	0.05	—	455	455	0.02	< 0.005	—	457
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Road Equipment	0.03	0.29	0.43	< 0.005	0.01	—	0.01	0.01	—	0.01	—	75.4	75.4	< 0.005	< 0.005	—	75.6
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.07	0.07	1.20	0.00	0.00	0.26	0.26	0.00	0.06	0.06	—	266	266	0.01	0.01	0.83	270
Vendor	0.01	0.26	0.12	< 0.005	< 0.005	0.07	0.07	< 0.005	0.02	0.02	—	238	238	0.01	0.03	0.62	249
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.07	0.09	1.02	0.00	0.00	0.26	0.26	0.00	0.06	0.06	—	252	252	< 0.005	0.01	0.02	255
Vendor	0.01	0.27	0.13	< 0.005	< 0.005	0.07	0.07	< 0.005	0.02	0.02	—	239	239	0.01	0.03	0.02	249
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02	0.03	0.38	0.00	0.00	0.09	0.09	0.00	0.02	0.02	—	90.5	90.5	< 0.005	< 0.005	0.13	91.7
Vendor	< 0.005	0.10	0.04	< 0.005	< 0.005	0.02	0.02	< 0.005	0.01	0.01	—	84.5	84.5	< 0.005	0.01	0.10	88.1
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	0.01	0.07	0.00	0.00	0.02	0.02	0.00	< 0.005	< 0.005	—	15.0	15.0	< 0.005	< 0.005	0.02	15.2
Vendor	< 0.005	0.02	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	14.0	14.0	< 0.005	< 0.005	0.02	14.6
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.11. Paving (2027) - Unmitigated

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

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.62	6.06	7.92	0.02	0.20	—	0.20	0.19	—	0.19	—	1,744	1,744	0.07	0.01	—	1,750
Paving	0.01	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.04	0.37	0.48	< 0.005	0.01	—	0.01	0.01	—	0.01	—	105	105	< 0.005	< 0.005	—	105
Paving	< 0.005	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.07	0.09	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	17.4	17.4	< 0.005	< 0.005	—	17.5
Paving	< 0.005	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.04	0.03	0.60	0.00	0.00	0.13	0.13	0.00	0.03	0.03	—	133	133	0.01	< 0.005	0.41	135
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.03	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	7.71	7.71	< 0.005	< 0.005	0.01	7.80
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	1.28	1.28	< 0.005	< 0.005	< 0.005	1.29
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.12. Paving (2027) - Mitigated

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

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.62	6.06	7.92	0.02	0.20	—	0.20	0.19	—	0.19	—	1,744	1,744	0.07	0.01	—	1,750
Paving	0.01	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.04	0.37	0.48	< 0.005	0.01	—	0.01	0.01	—	0.01	—	105	105	< 0.005	< 0.005	—	105
Paving	< 0.005	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.07	0.09	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	17.4	17.4	< 0.005	< 0.005	—	17.5
Paving	< 0.005	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.04	0.03	0.60	0.00	0.00	0.13	0.13	0.00	0.03	0.03	—	133	133	0.01	< 0.005	0.41	135
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.03	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	7.71	7.71	< 0.005	< 0.005	0.01	7.80
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	1.28	1.28	< 0.005	< 0.005	< 0.005	1.29
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.13. Architectural Coating (2027) - Unmitigated

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

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.63	6.18	8.16	0.02	0.21	—	0.21	0.19	—	0.19	—	1,780	1,780	0.07	0.01	—	1,786
Architectural Coatings	10.3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.07	0.73	0.96	< 0.005	0.02	—	0.02	0.02	—	0.02	—	210	210	0.01	< 0.005	—	210
Architectural Coatings	1.21	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.13	0.18	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	34.7	34.7	< 0.005	< 0.005	—	34.8
Architectural Coatings	0.22	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.24	0.00	0.00	0.05	0.05	0.00	0.01	0.01	—	53.1	53.1	< 0.005	< 0.005	0.17	53.9

Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.03	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	6.02	6.02	< 0.005	< 0.005	0.01	6.10
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	1.00	1.00	< 0.005	< 0.005	< 0.005	1.01
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.14. Architectural Coating (2027) - Mitigated

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

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.63	6.18	8.16	0.02	0.21	—	0.21	0.19	—	0.19	—	1,780	1,780	0.07	0.01	—	1,786
Architectural Coatings	10.3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.07	0.73	0.96	< 0.005	0.02	—	0.02	0.02	—	0.02	—	210	210	0.01	< 0.005	—	210
Architectural Coatings	1.21	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.13	0.18	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	34.7	34.7	< 0.005	< 0.005	—	34.8
Architectural Coatings	0.22	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.24	0.00	0.00	0.05	0.05	0.00	0.01	0.01	—	53.1	53.1	< 0.005	< 0.005	0.17	53.9
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.03	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	6.02	6.02	< 0.005	< 0.005	0.01	6.10
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	1.00	1.00	< 0.005	< 0.005	< 0.005	1.01

Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

4. Operations Emissions Details

4.1. Mobile Emissions by Land Use

4.1.1. Unmitigated

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

Land Use	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hotel	1.41	0.98	11.4	0.03	0.02	2.54	2.56	0.02	0.65	0.66	—	2,777	2,777	0.14	0.11	8.48	2,822
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Total	1.41	0.98	11.4	0.03	0.02	2.54	2.56	0.02	0.65	0.66	—	2,777	2,777	0.14	0.11	8.48	2,822
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hotel	1.39	1.07	10.5	0.03	0.02	2.54	2.56	0.02	0.65	0.66	—	2,662	2,662	0.14	0.12	0.22	2,701
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Total	1.39	1.07	10.5	0.03	0.02	2.54	2.56	0.02	0.65	0.66	—	2,662	2,662	0.14	0.12	0.22	2,701
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hotel	0.25	0.20	1.97	< 0.005	< 0.005	0.46	0.46	< 0.005	0.12	0.12	—	446	446	0.02	0.02	0.61	453
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Total	0.25	0.20	1.97	< 0.005	< 0.005	0.46	0.46	< 0.005	0.12	0.12	—	446	446	0.02	0.02	0.61	453

4.1.2. Mitigated

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

Land Use	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hotel	1.41	0.98	11.4	0.03	0.02	2.54	2.56	0.02	0.65	0.66	—	2,777	2,777	0.14	0.11	8.48	2,822
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Total	1.41	0.98	11.4	0.03	0.02	2.54	2.56	0.02	0.65	0.66	—	2,777	2,777	0.14	0.11	8.48	2,822
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hotel	1.39	1.07	10.5	0.03	0.02	2.54	2.56	0.02	0.65	0.66	—	2,662	2,662	0.14	0.12	0.22	2,701
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Total	1.39	1.07	10.5	0.03	0.02	2.54	2.56	0.02	0.65	0.66	—	2,662	2,662	0.14	0.12	0.22	2,701
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hotel	0.25	0.20	1.97	< 0.005	< 0.005	0.46	0.46	< 0.005	0.12	0.12	—	446	446	0.02	0.02	0.61	453
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Total	0.25	0.20	1.97	< 0.005	< 0.005	0.46	0.46	< 0.005	0.12	0.12	—	446	446	0.02	0.02	0.61	453

4.2. Energy

4.2.1. Electricity Emissions By Land Use - Unmitigated

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

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

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hotel	—	—	—	—	—	—	—	—	—	—	—	971	971	0.06	0.01	—	974
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	5.56	5.56	< 0.005	< 0.005	—	5.58
Total	—	—	—	—	—	—	—	—	—	—	—	976	976	0.06	0.01	—	980
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hotel	—	—	—	—	—	—	—	—	—	—	—	971	971	0.06	0.01	—	974
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	5.56	5.56	< 0.005	< 0.005	—	5.58
Total	—	—	—	—	—	—	—	—	—	—	—	976	976	0.06	0.01	—	980
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hotel	—	—	—	—	—	—	—	—	—	—	—	161	161	0.01	< 0.005	—	161
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.92	0.92	< 0.005	< 0.005	—	0.92
Total	—	—	—	—	—	—	—	—	—	—	—	162	162	0.01	< 0.005	—	162

4.2.2. Electricity Emissions By Land Use - Mitigated

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

Land Use	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hotel	—	—	—	—	—	—	—	—	—	—	—	922	922	0.06	0.01	—	925
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	5.56	5.56	< 0.005	< 0.005	—	5.58
Total	—	—	—	—	—	—	—	—	—	—	—	927	927	0.06	0.01	—	931

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hotel	—	—	—	—	—	—	—	—	—	—	—	922	922	0.06	0.01	—	925
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	5.56	5.56	< 0.005	< 0.005	—	5.58
Total	—	—	—	—	—	—	—	—	—	—	—	927	927	0.06	0.01	—	931
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hotel	—	—	—	—	—	—	—	—	—	—	—	153	153	0.01	< 0.005	—	153
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.92	0.92	< 0.005	< 0.005	—	0.92
Total	—	—	—	—	—	—	—	—	—	—	—	154	154	0.01	< 0.005	—	154

4.2.3. Natural Gas Emissions By Land Use - Unmitigated

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

Land Use	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hotel	0.02	0.37	0.31	< 0.005	0.03	—	0.03	0.03	—	0.03	—	440	440	0.04	< 0.005	—	442
Parking Lot	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Total	0.02	0.37	0.31	< 0.005	0.03	—	0.03	0.03	—	0.03	—	440	440	0.04	< 0.005	—	442
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hotel	0.02	0.37	0.31	< 0.005	0.03	—	0.03	0.03	—	0.03	—	440	440	0.04	< 0.005	—	442
Parking Lot	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Total	0.02	0.37	0.31	< 0.005	0.03	—	0.03	0.03	—	0.03	—	440	440	0.04	< 0.005	—	442
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Hotel	< 0.005	0.07	0.06	< 0.005	0.01	—	0.01	0.01	—	0.01	—	72.9	72.9	0.01	< 0.005	—	73.1
Parking Lot	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Total	< 0.005	0.07	0.06	< 0.005	0.01	—	0.01	0.01	—	0.01	—	72.9	72.9	0.01	< 0.005	—	73.1

4.2.4. Natural Gas Emissions By Land Use - Mitigated

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

Land Use	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hotel	0.02	0.37	0.31	< 0.005	0.03	—	0.03	0.03	—	0.03	—	440	440	0.04	< 0.005	—	442
Parking Lot	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Total	0.02	0.37	0.31	< 0.005	0.03	—	0.03	0.03	—	0.03	—	440	440	0.04	< 0.005	—	442
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hotel	0.02	0.37	0.31	< 0.005	0.03	—	0.03	0.03	—	0.03	—	440	440	0.04	< 0.005	—	442
Parking Lot	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Total	0.02	0.37	0.31	< 0.005	0.03	—	0.03	0.03	—	0.03	—	440	440	0.04	< 0.005	—	442
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hotel	< 0.005	0.07	0.06	< 0.005	0.01	—	0.01	0.01	—	0.01	—	72.9	72.9	0.01	< 0.005	—	73.1
Parking Lot	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Total	< 0.005	0.07	0.06	< 0.005	0.01	—	0.01	0.01	—	0.01	—	72.9	72.9	0.01	< 0.005	—	73.1

4.3. Area Emissions by Source

4.3.1. Unmitigated

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

Source	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	1.02	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	0.12	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	0.34	0.02	2.07	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	8.51	8.51	< 0.005	< 0.005	—	8.54
Total	1.48	0.02	2.07	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	8.51	8.51	< 0.005	< 0.005	—	8.54
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	1.02	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	0.12	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	1.14	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	0.19	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	0.02	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Landscape	0.04	< 0.005	0.26	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	0.97	0.97	< 0.005	< 0.005	—	0.97
Total	0.25	< 0.005	0.26	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	0.97	0.97	< 0.005	< 0.005	—	0.97

4.3.2. Mitigated

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

Source	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	1.02	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	0.12	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	0.34	0.02	2.07	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	8.51	8.51	< 0.005	< 0.005	—	8.54
Total	1.48	0.02	2.07	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	8.51	8.51	< 0.005	< 0.005	—	8.54
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	1.02	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	0.12	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	1.14	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	0.19	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Architect Coatings	0.02	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	0.04	< 0.005	0.26	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	0.97	0.97	< 0.005	< 0.005	—	0.97
Total	0.25	< 0.005	0.26	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	0.97	0.97	< 0.005	< 0.005	—	0.97

4.4. Water Emissions by Land Use

4.4.1. Unmitigated

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

Land Use	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hotel	—	—	—	—	—	—	—	—	—	—	2.77	15.0	17.8	0.29	0.01	—	26.9
Parking Lot	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	2.77	15.0	17.8	0.29	0.01	—	26.9
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hotel	—	—	—	—	—	—	—	—	—	—	2.77	15.0	17.8	0.29	0.01	—	26.9
Parking Lot	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	2.77	15.0	17.8	0.29	0.01	—	26.9
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hotel	—	—	—	—	—	—	—	—	—	—	0.46	2.48	2.94	0.05	< 0.005	—	4.46
Parking Lot	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	0.46	2.48	2.94	0.05	< 0.005	—	4.46

4.4.2. Mitigated

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

Land Use	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hotel	—	—	—	—	—	—	—	—	—	—	2.44	13.0	15.4	0.25	0.01	—	23.5
Parking Lot	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	2.44	13.0	15.4	0.25	0.01	—	23.5
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hotel	—	—	—	—	—	—	—	—	—	—	2.44	13.0	15.4	0.25	0.01	—	23.5
Parking Lot	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	2.44	13.0	15.4	0.25	0.01	—	23.5
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hotel	—	—	—	—	—	—	—	—	—	—	0.40	2.14	2.55	0.04	< 0.005	—	3.89
Parking Lot	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	0.40	2.14	2.55	0.04	< 0.005	—	3.89

4.5. Waste Emissions by Land Use

4.5.1. Unmitigated

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

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

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hotel	—	—	—	—	—	—	—	—	—	—	16.8	0.00	16.8	1.68	0.00	—	58.8
Parking Lot	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	16.8	0.00	16.8	1.68	0.00	—	58.8
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hotel	—	—	—	—	—	—	—	—	—	—	16.8	0.00	16.8	1.68	0.00	—	58.8
Parking Lot	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	16.8	0.00	16.8	1.68	0.00	—	58.8
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hotel	—	—	—	—	—	—	—	—	—	—	2.78	0.00	2.78	0.28	0.00	—	9.74
Parking Lot	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	2.78	0.00	2.78	0.28	0.00	—	9.74

4.5.2. Mitigated

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

Land Use	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hotel	—	—	—	—	—	—	—	—	—	—	16.8	0.00	16.8	1.68	0.00	—	58.8
Parking Lot	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	16.8	0.00	16.8	1.68	0.00	—	58.8

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hotel	—	—	—	—	—	—	—	—	—	—	16.8	0.00	16.8	1.68	0.00	—	58.8
Parking Lot	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	16.8	0.00	16.8	1.68	0.00	—	58.8
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hotel	—	—	—	—	—	—	—	—	—	—	2.78	0.00	2.78	0.28	0.00	—	9.74
Parking Lot	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	2.78	0.00	2.78	0.28	0.00	—	9.74

4.6. Refrigerant Emissions by Land Use

4.6.1. Unmitigated

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

Land Use	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hotel	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	74.4	74.4
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	74.4	74.4
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hotel	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	74.4	74.4
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	74.4	74.4
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hotel	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	12.3	12.3
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	12.3	12.3

4.6.2. Mitigated

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

Land Use	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hotel	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	74.4	74.4
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	74.4	74.4
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hotel	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	74.4	74.4
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	74.4	74.4
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hotel	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	12.3	12.3
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	12.3	12.3

4.7. Offroad Emissions By Equipment Type

4.7.1. Unmitigated

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

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

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

4.7.2. Mitigated

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

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

4.8. Stationary Emissions By Equipment Type

4.8.1. Unmitigated

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

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

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

4.8.2. Mitigated

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

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

4.9. User Defined Emissions By Equipment Type

4.9.1. Unmitigated

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

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

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

4.9.2. Mitigated

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

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

4.10. Soil Carbon Accumulation By Vegetation Type

4.10.1. Soil Carbon Accumulation By Vegetation Type - Unmitigated

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

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

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

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

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

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

4.10.3. Avoided and Sequestered Emissions by Species - Unmitigated

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

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

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

4.10.4. Soil Carbon Accumulation By Vegetation Type - Mitigated

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

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

4.10.5. Above and Belowground Carbon Accumulation by Land Use Type - Mitigated

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

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

4.10.6. Avoided and Sequestered Emissions by Species - Mitigated

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

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

Remove	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

5. Activity Data

5.1. Construction Schedule

Phase Name	Phase Type	Start Date	End Date	Days Per Week	Work Days per Phase	Phase Description
Demolition	Demolition	11/3/2025	11/30/2025	5.00	20.0	—
Grading	Grading	12/1/2025	1/31/2026	5.00	45.0	—
Building Construction	Building Construction	1/1/2026	6/30/2027	5.00	390	—
Paving	Paving	6/1/2027	6/30/2027	5.00	22.0	—
Architectural Coating	Architectural Coating	5/3/2027	6/30/2027	5.00	43.0	—

5.2. Off-Road Equipment

5.2.1. Unmitigated

Phase Name	Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor
Demolition	Concrete/Industrial Saws	Diesel	Average	1.00	8.00	33.0	0.73
Demolition	Rubber Tired Dozers	Diesel	Average	0.00	1.00	367	0.40
Demolition	Tractors/Loaders/Backhoes	Diesel	Average	0.00	6.00	84.0	0.37
Demolition	Crushing/Proc. Equipment	Gasoline	Average	1.00	8.00	12.0	0.85
Demolition	Excavators	Diesel	Average	1.00	8.00	36.0	0.38
Grading	Graders	Diesel	Average	1.00	6.00	148	0.41
Grading	Rubber Tired Dozers	Diesel	Average	1.00	6.00	367	0.40

Grading	Tractors/Loaders/Backhoes	Diesel	Average	1.00	7.00	84.0	0.37
Grading	Excavators	Diesel	Average	1.00	8.00	36.0	0.38
Grading	Rubber Tired Loaders	Diesel	Average	1.00	8.00	150	0.36
Grading	Scrapers	Diesel	Average	1.00	8.00	423	0.48
Grading	Trenchers	Diesel	Average	1.00	8.00	40.0	0.50
Building Construction	Cranes	Diesel	Average	1.00	4.00	367	0.29
Building Construction	Forklifts	Diesel	Average	0.00	6.00	82.0	0.20
Building Construction	Tractors/Loaders/Backhoes	Diesel	Average	1.00	8.00	84.0	0.37
Building Construction	Excavators	Diesel	Average	1.00	8.00	36.0	0.38
Building Construction	Rough Terrain Forklifts	Diesel	Average	1.00	8.00	96.0	0.40
Paving	Cement and Mortar Mixers	Diesel	Average	0.00	6.00	10.0	0.56
Paving	Pavers	Diesel	Average	0.00	7.00	81.0	0.42
Paving	Rollers	Diesel	Average	0.00	7.00	36.0	0.38
Paving	Tractors/Loaders/Backhoes	Diesel	Average	1.00	7.00	84.0	0.37
Paving	Rough Terrain Forklifts	Diesel	Average	1.00	8.00	96.0	0.40
Paving	Excavators	Diesel	Average	1.00	8.00	36.0	0.38
Paving	Cranes	Diesel	Average	1.00	8.00	367	0.29
Architectural Coating	Air Compressors	Diesel	Average	0.00	6.00	37.0	0.48
Architectural Coating	Cranes	Diesel	Average	1.00	8.00	367	0.29
Architectural Coating	Excavators	Diesel	Average	1.00	8.00	36.0	0.38
Architectural Coating	Rough Terrain Forklifts	Diesel	Average	1.00	8.00	96.0	0.40
Architectural Coating	Tractors/Loaders/Backhoes	Diesel	Average	1.00	8.00	84.0	0.37

5.2.2. Mitigated

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

Demolition	Concrete/Industrial Saws	Diesel	Average	1.00	8.00	33.0	0.73
Demolition	Rubber Tired Dozers	Diesel	Average	0.00	1.00	367	0.40
Demolition	Tractors/Loaders/Backhoes	Diesel	Average	0.00	6.00	84.0	0.37
Demolition	Crushing/Proc. Equipment	Gasoline	Average	1.00	8.00	12.0	0.85
Demolition	Excavators	Diesel	Average	1.00	8.00	36.0	0.38
Grading	Graders	Diesel	Average	1.00	6.00	148	0.41
Grading	Rubber Tired Dozers	Diesel	Average	1.00	6.00	367	0.40
Grading	Tractors/Loaders/Backhoes	Diesel	Average	1.00	7.00	84.0	0.37
Grading	Excavators	Diesel	Average	1.00	8.00	36.0	0.38
Grading	Rubber Tired Loaders	Diesel	Average	1.00	8.00	150	0.36
Grading	Scrapers	Diesel	Average	1.00	8.00	423	0.48
Grading	Trenchers	Diesel	Average	1.00	8.00	40.0	0.50
Building Construction	Cranes	Diesel	Average	1.00	4.00	367	0.29
Building Construction	Forklifts	Diesel	Average	0.00	6.00	82.0	0.20
Building Construction	Tractors/Loaders/Backhoes	Diesel	Average	1.00	8.00	84.0	0.37
Building Construction	Excavators	Diesel	Average	1.00	8.00	36.0	0.38
Building Construction	Rough Terrain Forklifts	Diesel	Average	1.00	8.00	96.0	0.40
Paving	Cement and Mortar Mixers	Diesel	Average	0.00	6.00	10.0	0.56
Paving	Pavers	Diesel	Average	0.00	7.00	81.0	0.42
Paving	Rollers	Diesel	Average	0.00	7.00	36.0	0.38
Paving	Tractors/Loaders/Backhoes	Diesel	Average	1.00	7.00	84.0	0.37
Paving	Rough Terrain Forklifts	Diesel	Average	1.00	8.00	96.0	0.40
Paving	Excavators	Diesel	Average	1.00	8.00	36.0	0.38
Paving	Cranes	Diesel	Average	1.00	8.00	367	0.29

Architectural Coating	Air Compressors	Diesel	Average	0.00	6.00	37.0	0.48
Architectural Coating	Cranes	Diesel	Average	1.00	8.00	367	0.29
Architectural Coating	Excavators	Diesel	Average	1.00	8.00	36.0	0.38
Architectural Coating	Rough Terrain Forklifts	Diesel	Average	1.00	8.00	96.0	0.40
Architectural Coating	Tractors/Loaders/Backhoes	Diesel	Average	1.00	8.00	84.0	0.37

5.3. Construction Vehicles

5.3.1. Unmitigated

Phase Name	Trip Type	One-Way Trips per Day	Miles per Trip	Vehicle Mix
Demolition	—	—	—	—
Demolition	Worker	7.50	18.5	LDA,LDT1,LDT2
Demolition	Vendor	—	10.2	HHDT,MHDT
Demolition	Hauling	16.0	20.0	HHDT
Demolition	Onsite truck	—	—	HHDT
Grading	—	—	—	—
Grading	Worker	17.5	18.5	LDA,LDT1,LDT2
Grading	Vendor	—	10.2	HHDT,MHDT
Grading	Hauling	1.00	20.0	HHDT
Grading	Onsite truck	—	—	HHDT
Building Construction	—	—	—	—
Building Construction	Worker	20.0	18.5	LDA,LDT1,LDT2
Building Construction	Vendor	7.80	10.2	HHDT,MHDT
Building Construction	Hauling	0.00	20.0	HHDT
Building Construction	Onsite truck	—	—	HHDT
Paving	—	—	—	—
Paving	Worker	10.0	18.5	LDA,LDT1,LDT2
Paving	Vendor	—	10.2	HHDT,MHDT

Paving	Hauling	0.00	20.0	HHDT
Paving	Onsite truck	—	—	HHDT
Architectural Coating	—	—	—	—
Architectural Coating	Worker	4.00	18.5	LDA,LDT1,LDT2
Architectural Coating	Vendor	—	10.2	HHDT,MHDT
Architectural Coating	Hauling	0.00	20.0	HHDT
Architectural Coating	Onsite truck	—	—	HHDT

5.3.2. Mitigated

Phase Name	Trip Type	One-Way Trips per Day	Miles per Trip	Vehicle Mix
Demolition	—	—	—	—
Demolition	Worker	7.50	18.5	LDA,LDT1,LDT2
Demolition	Vendor	—	10.2	HHDT,MHDT
Demolition	Hauling	16.0	20.0	HHDT
Demolition	Onsite truck	—	—	HHDT
Grading	—	—	—	—
Grading	Worker	17.5	18.5	LDA,LDT1,LDT2
Grading	Vendor	—	10.2	HHDT,MHDT
Grading	Hauling	1.00	20.0	HHDT
Grading	Onsite truck	—	—	HHDT
Building Construction	—	—	—	—
Building Construction	Worker	20.0	18.5	LDA,LDT1,LDT2
Building Construction	Vendor	7.80	10.2	HHDT,MHDT
Building Construction	Hauling	0.00	20.0	HHDT
Building Construction	Onsite truck	—	—	HHDT
Paving	—	—	—	—
Paving	Worker	10.0	18.5	LDA,LDT1,LDT2
Paving	Vendor	—	10.2	HHDT,MHDT

Paving	Hauling	0.00	20.0	HHDT
Paving	Onsite truck	—	—	HHDT
Architectural Coating	—	—	—	—
Architectural Coating	Worker	4.00	18.5	LDA,LDT1,LDT2
Architectural Coating	Vendor	—	10.2	HHDT,MHDT
Architectural Coating	Hauling	0.00	20.0	HHDT
Architectural Coating	Onsite truck	—	—	HHDT

5.4. Vehicles

5.4.1. Construction Vehicle Control Strategies

Non-applicable. No control strategies activated by user.

5.5. Architectural Coatings

Phase Name	Residential Interior Area Coated (sq ft)	Residential Exterior Area Coated (sq ft)	Non-Residential Interior Area Coated (sq ft)	Non-Residential Exterior Area Coated (sq ft)	Parking Area Coated (sq ft)
Architectural Coating	0.00	0.00	71,376	23,792	261

5.6. Dust Mitigation

5.6.1. Construction Earthmoving Activities

Phase Name	Material Imported (Cubic Yards)	Material Exported (Cubic Yards)	Acres Graded (acres)	Material Demolished (Ton of Debris)	Acres Paved (acres)
Demolition	—	155	0.00	202	—
Grading	—	150	78.8	0.00	—
Paving	0.00	0.00	0.00	0.00	0.10

5.6.2. Construction Earthmoving Control Strategies

Non-applicable. No control strategies activated by user.

5.7. Construction Paving

Land Use	Area Paved (acres)	% Asphalt
Hotel	0.00	0%
Parking Lot	0.10	100%

5.8. Construction Electricity Consumption and Emissions Factors

kWh per Year and Emission Factor (lb/MWh)

Year	kWh per Year	CO2	CH4	N2O
2025	0.00	532	0.03	< 0.005
2026	0.00	532	0.03	< 0.005
2027	0.00	532	0.03	< 0.005

5.9. Operational Mobile Sources

5.9.1. Unmitigated

Land Use Type	Trips/Weekday	Trips/Saturday	Trips/Sunday	Trips/Year	VMT/Weekday	VMT/Saturday	VMT/Sunday	VMT/Year
Hotel	456	456	456	166,440	3,583	3,583	3,583	1,307,956
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

5.9.2. Mitigated

Land Use Type	Trips/Weekday	Trips/Saturday	Trips/Sunday	Trips/Year	VMT/Weekday	VMT/Saturday	VMT/Sunday	VMT/Year
Hotel	456	456	456	166,440	3,583	3,583	3,583	1,307,956
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

5.10. Operational Area Sources

5.10.1. Hearths

5.10.1.1. Unmitigated

5.10.1.2. Mitigated

5.10.2. Architectural Coatings

Residential Interior Area Coated (sq ft)	Residential Exterior Area Coated (sq ft)	Non-Residential Interior Area Coated (sq ft)	Non-Residential Exterior Area Coated (sq ft)	Parking Area Coated (sq ft)
0	0.00	71,376	23,792	261

5.10.3. Landscape Equipment

Season	Unit	Value
Snow Days	day/yr	0.00
Summer Days	day/yr	250

5.10.4. Landscape Equipment - Mitigated

Season	Unit	Value
Snow Days	day/yr	0.00
Summer Days	day/yr	250

5.11. Operational Energy Consumption

5.11.1. Unmitigated

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

Land Use	Electricity (kWh/yr)	CO2	CH4	N2O	Natural Gas (kBTU/yr)
Hotel	665,876	532	0.0330	0.0040	1,373,831
Parking Lot	3,816	532	0.0330	0.0040	0.00

5.11.2. Mitigated

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

Land Use	Electricity (kWh/yr)	CO2	CH4	N2O	Natural Gas (kBTU/yr)
Hotel	632,428	532	0.0330	0.0040	1,373,831
Parking Lot	3,816	532	0.0330	0.0040	0.00

5.12. Operational Water and Wastewater Consumption

5.12.1. Unmitigated

Land Use	Indoor Water (gal/year)	Outdoor Water (gal/year)
Hotel	1,445,906	84,148
Parking Lot	0.00	0.00

5.12.2. Mitigated

Land Use	Indoor Water (gal/year)	Outdoor Water (gal/year)
Hotel	1,275,144	38,960
Parking Lot	0.00	0.00

5.13. Operational Waste Generation

5.13.1. Unmitigated

Land Use	Waste (ton/year)	Cogeneration (kWh/year)
Hotel	31.2	—
Parking Lot	0.00	—

5.13.2. Mitigated

Land Use	Waste (ton/year)	Cogeneration (kWh/year)
Hotel	31.2	—

Parking Lot	0.00	—

5.14. Operational Refrigeration and Air Conditioning Equipment

5.14.1. Unmitigated

Land Use Type	Equipment Type	Refrigerant	GWP	Quantity (kg)	Operations Leak Rate	Service Leak Rate	Times Serviced
Hotel	Household refrigerators and/or freezers	R-134a	1,430	0.00	0.60	0.00	1.00
Hotel	Other commercial A/C and heat pumps	R-410A	2,088	1.80	4.00	4.00	18.0
Hotel	Walk-in refrigerators and freezers	R-404A	3,922	< 0.005	7.50	7.50	20.0

5.14.2. Mitigated

Land Use Type	Equipment Type	Refrigerant	GWP	Quantity (kg)	Operations Leak Rate	Service Leak Rate	Times Serviced
Hotel	Household refrigerators and/or freezers	R-134a	1,430	0.00	0.60	0.00	1.00
Hotel	Other commercial A/C and heat pumps	R-410A	2,088	1.80	4.00	4.00	18.0
Hotel	Walk-in refrigerators and freezers	R-404A	3,922	< 0.005	7.50	7.50	20.0

5.15. Operational Off-Road Equipment

5.15.1. Unmitigated

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

5.15.2. Mitigated

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

5.16. Stationary Sources

5.16.1. Emergency Generators and Fire Pumps

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

5.16.2. Process Boilers

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

5.17. User Defined

Equipment Type	Fuel Type

5.18. Vegetation

5.18.1. Land Use Change

5.18.1.1. Unmitigated

Vegetation Land Use Type	Vegetation Soil Type	Initial Acres	Final Acres

5.18.1.2. Mitigated

Vegetation Land Use Type	Vegetation Soil Type	Initial Acres	Final Acres

5.18.1. Biomass Cover Type

5.18.1.1. Unmitigated

Biomass Cover Type	Initial Acres	Final Acres

5.18.1.2. Mitigated

Biomass Cover Type	Initial Acres	Final Acres

5.18.2. Sequestration

5.18.2.1. Unmitigated

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

5.18.2.2. Mitigated

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

6. Climate Risk Detailed Report

6.1. Climate Risk Summary

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

Climate Hazard	Result for Project Location	Unit
Temperature and Extreme Heat	5.38	annual days of extreme heat
Extreme Precipitation	4.70	annual days with precipitation above 20 mm
Sea Level Rise	—	meters of inundation depth
Wildfire	0.00	annual hectares burned

Temperature and Extreme Heat data are for grid cell in which your project are located. The projection is based on the 98th historical percentile of daily maximum/minimum temperatures from observed historical data (32 climate model ensemble from Cal-Adapt, 2040–2059 average under RCP 8.5). Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.
Extreme Precipitation data are for the grid cell in which your project are located. The threshold of 20 mm is equivalent to about ¾ an inch of rain, which would be light to moderate rainfall if received over a full day or heavy rain if received over a period of 2 to 4 hours. Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.
Sea Level Rise data are for the grid cell in which your project are located. The projections are from Radke et al. (2017), as reported in Cal-Adapt (Radke et al., 2017, CEC-500-2017-008), and consider inundation location and depth for the San Francisco Bay, the Sacramento-San Joaquin River Delta and California coast resulting different increments of sea level rise coupled with extreme storm events. Users may select from four scenarios to view the range in potential inundation depth for the grid cell. The four scenarios are: No rise, 0.5 meter, 1.0 meter, 1.41 meters

Wildfire data are for the grid cell in which your project are located. The projections are from UC Davis, as reported in Cal-Adapt (2040–2059 average under RCP 8.5), and consider historical data of climate, vegetation, population density, and large (> 400 ha) fire history. Users may select from four model simulations to view the range in potential wildfire probabilities for the grid cell. The four simulations make different assumptions about expected rainfall and temperature are: Warmer/drier (HadGEM2-ES), Cooler/wetter (CNRM-CM5), Average conditions (CanESM2), Range of different rainfall and temperature possibilities (MIROC5). Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.

6.2. Initial Climate Risk Scores

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

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

6.3. Adjusted Climate Risk Scores

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

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

6.4. Climate Risk Reduction Measures

7. Health and Equity Details

7.1. CalEnviroScreen 4.0 Scores

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

Indicator	Result for Project Census Tract
Exposure Indicators	—
AQ-Ozone	29.9
AQ-PM	74.2
AQ-DPM	93.6
Drinking Water	38.0
Lead Risk Housing	80.5
Pesticides	41.9
Toxic Releases	95.0
Traffic	93.4
Effect Indicators	—
CleanUp Sites	59.6
Groundwater	37.7
Haz Waste Facilities/Generators	55.4
Impaired Water Bodies	51.2
Solid Waste	0.00
Sensitive Population	—
Asthma	77.6

Cardio-vascular	78.9
Low Birth Weights	67.4
Socioeconomic Factor Indicators	—
Education	81.3
Housing	68.1
Linguistic	73.7
Poverty	70.4
Unemployment	61.5

7.2. Healthy Places Index Scores

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

Indicator	Result for Project Census Tract
Economic	—
Above Poverty	21.67329655
Employed	67.22699859
Median HI	23.34146028
Education	—
Bachelor's or higher	30.14243552
High school enrollment	24.08571795
Preschool enrollment	44.15501091
Transportation	—
Auto Access	32.25972026
Active commuting	89.6445528
Social	—
2-parent households	13.82009496
Voting	26.45964327
Neighborhood	—
Alcohol availability	10.41960734

Park access	62.41498781
Retail density	52.40600539
Supermarket access	76.54305146
Tree canopy	15.74489927
Housing	—
Homeownership	10.99704863
Housing habitability	4.324393687
Low-inc homeowner severe housing cost burden	3.028358784
Low-inc renter severe housing cost burden	17.15642243
Uncrowded housing	10.61208777
Health Outcomes	—
Insured adults	24.03438984
Arthritis	64.8
Asthma ER Admissions	26.8
High Blood Pressure	41.6
Cancer (excluding skin)	82.6
Asthma	21.6
Coronary Heart Disease	57.7
Chronic Obstructive Pulmonary Disease	42.5
Diagnosed Diabetes	19.9
Life Expectancy at Birth	22.1
Cognitively Disabled	28.0
Physically Disabled	71.5
Heart Attack ER Admissions	38.4
Mental Health Not Good	21.9
Chronic Kidney Disease	35.4
Obesity	12.1
Pedestrian Injuries	90.0

Physical Health Not Good	22.5
Stroke	29.9
Health Risk Behaviors	—
Binge Drinking	66.7
Current Smoker	24.8
No Leisure Time for Physical Activity	26.6
Climate Change Exposures	—
Wildfire Risk	0.0
SLR Inundation Area	0.0
Children	20.9
Elderly	81.9
English Speaking	29.2
Foreign-born	65.4
Outdoor Workers	68.0
Climate Change Adaptive Capacity	—
Impervious Surface Cover	4.7
Traffic Density	91.3
Traffic Access	87.4
Other Indices	—
Hardship	81.2
Other Decision Support	—
2016 Voting	19.2

7.3. Overall Health & Equity Scores

Metric	Result for Project Census Tract
CalEnviroScreen 4.0 Score for Project Location (a)	92.0
Healthy Places Index Score for Project Location (b)	31.0
Project Located in a Designated Disadvantaged Community (Senate Bill 535)	Yes

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

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

7.4. Health & Equity Measures

No Health & Equity Measures selected.

7.5. Evaluation Scorecard

Health & Equity Evaluation Scorecard not completed.

7.6. Health & Equity Custom Measures

No Health & Equity Custom Measures created.

8. User Changes to Default Data

Screen	Justification
Land Use	Lot acreage a SF updated to match Project. 6,000 SF assumed for landscaped area.
Construction: Construction Phases	Construction timeline updated to match construction questionnaire.
Construction: Off-Road Equipment	Equipment list updated to match construction questionnaire.
Construction: Dust From Material Movement	Cubic yards being removed during demolition accounts for the existing pavement on the project site. Export during grading provided in the construction questionnaire.
Construction: Trips and VMT	Demo hauling trips updated to match the construction questionnaire.
Operations: Vehicle Data	455 trips per the traffic report + 7 delivery trucks per the operational questionnaire= 462 daily trips.

Appendix D

Low Impact Development Study

LID STUDY

FOR

HOTEL MENLO & IMPERIAL HWY
11410 MENLO AVE, HAWTHORNE, CA 90250

Prepared By:

Conway Cooke and Associates
11444 Acacia Ave, Hawthorne, CA 90250
TEL: (310) 722-2707



Preparation on October 10, 2023

LID STUDY

I. DESIGNATED PROJECT::

Project is providing more than 8,000 sf of impermeable area.

II. SIZING THE BIOFILTRATION SYSTEM:

SWQDv:

The design storm, from which the SWQDv is calculated, is defined as the greater of the 0.75-inch, 24-hour rain event or the 85th percentile, 24-hour rain event as determined from the Los Angeles County 85th percentile precipitation isoheytal map3:

Design Infiltration Rate:
Per Soil Report infiltration is not feasible on this site, therefor, biofiltration system will be required for LID of this site.
Filterra Bio-filtration system will be used.

Filterra Biofiltration Unit Sizing:

Per the attached 1.5 Peak Flowrate Hydrograph, the Peak Flowrate = 0.06 cfs
Peak Flowrate = Filterra Infiltration Rate x Filterra Surface Area
0.06 cfs = (175"/hr) x (1hr/3600 sec) x (1 ft/12 in) x A
A = 14.9 sf ➔ Use 6' x 4' ➔ Use unit FTBSVIB0604-P

III. PUMP CALCULATIONS:

Flow (0.98 cfs) outlet from Fiterra Unit will be collected in a sump and will be pumped out to a curb drain to Imperial Hwy.
Pump Selection:

Q = 0.98 cfs
Using duel pumps Qp= 0.98 x 1.25/2 = 0.6 cfs
Convert to gpm = 0.53 x 0.6 x 60 x 7.481 = 145 gpm

Head Loss:
Friction Loss
Equivalent Length:

Horizontal Pipe	10’
Vertical Length	10’
45d Bend	12’
90d Bend	60’
Gate Valve	4’
Check Valve	32’
Total Length	128’

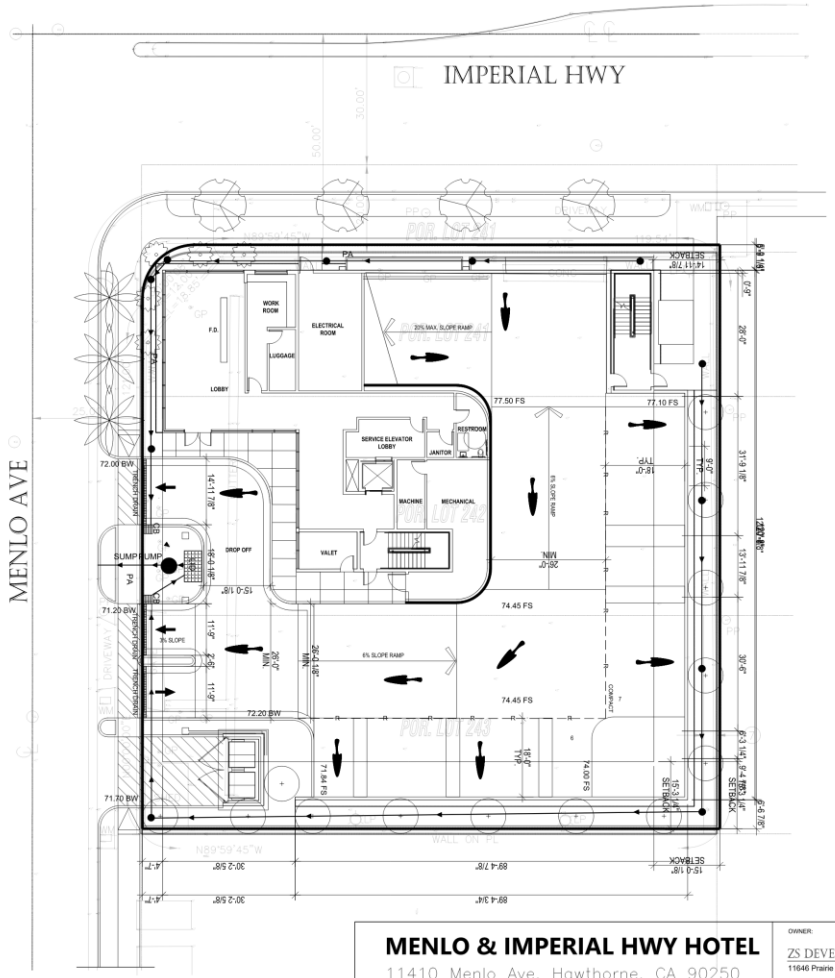
Friction Loss= L x (Loss/100’ from table) x Q
Friction Loss = 128x(6.2/100)x0.6= 4.7 ft ……..1

Static Head = 10’ ……..……..2

Velocity Head
V= Q/A = 0.44/0.0.87= 5.05 fps
h=V2/2g = (5.05)^2/2x32.2= 0.4 ft …….3

Total Dynamic Head = 4.7+10+0.4 = **15.16 ft**

Use Goulds Pump Model WS15D4M, or similar.



LEGEND

- SURFACE DRAINAGE DIRECTION
- DRAINAGE PIPE
- CB — CATCH BASIN
- TRENCH DRAIN
- AREA DRAIN
- RETAINING WALL
- LID DEVICE
- SUMP PUMP
- 71.50 FS — PROPOSED ELEVATION
- EXISTING ELEVATION
- RIDGE LINE

GRAPHIC SCALE 1" = 10'

CONCEPTUAL GRADING AND DRAINAGE PLAN

REV 1

MENLO & IMPERIAL HWY HOTEL

11410 Menlo Ave, Hawthorne, CA 90250

OWNER:
ZS DEVELOPMENT CORP
11646 Prairie Ave, Hawthorne, CA 90250

Architecture. Design. Relationships.

CIVIL ENGINEER:
CONEWAY COOKE
ENGINEERS
327 WETHERLY DR., BEVERLY HILLS, CA 90211
PHONE: (310) 422-5754
CONWAY COOKE RCE 77195

Peak Flow Hydrologic Analysis

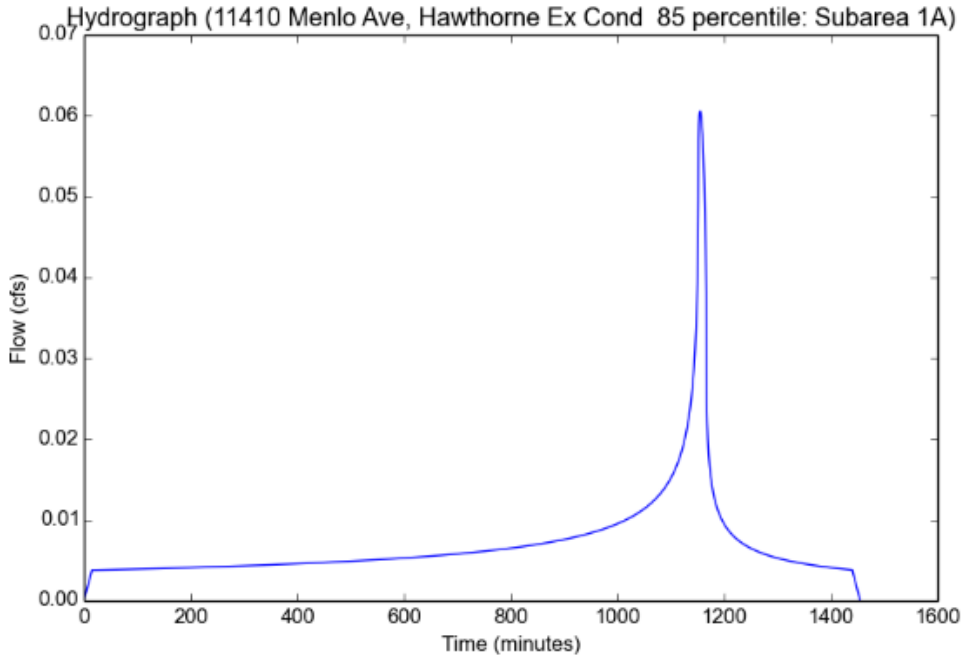
File location: C:/Users/MEsfandi/Desktop/11410 Menlo Ave, Hawthorne Ex Cond 85 percentile - Subarea 1A.pdf
Version: HydroCalc 0.3.1

Input Parameters

Project Name	11410 Menlo Ave, Hawthorne Ex Cond
Subarea ID	Subarea 1A
Area (ac)	0.39
Flow Path Length (ft)	120.0
Flow Path Slope (vft/hft)	0.0125
85th Percentile Rainfall Depth (in)	1.0
Percent Impervious	0.42
Soil Type	13
Design Storm Frequency	85th percentile storm
Fire Factor	0
LID	True

Output Results

Modeled (85th percentile storm) Rainfall Depth (in)	1.0
Peak Intensity (in/hr)	0.356
Undeveloped Runoff Coefficient (Cu)	0.1
Developed Runoff Coefficient (Cd)	0.436
Time of Concentration (min)	15.0
Clear Peak Flow Rate (cfs)	0.0605
Burned Peak Flow Rate (cfs)	0.0605
24-Hr Clear Runoff Volume (ac-ft)	0.0141
24-Hr Clear Runoff Volume (cu-ft)	612.1457



Peak Flow Hydrologic Analysis

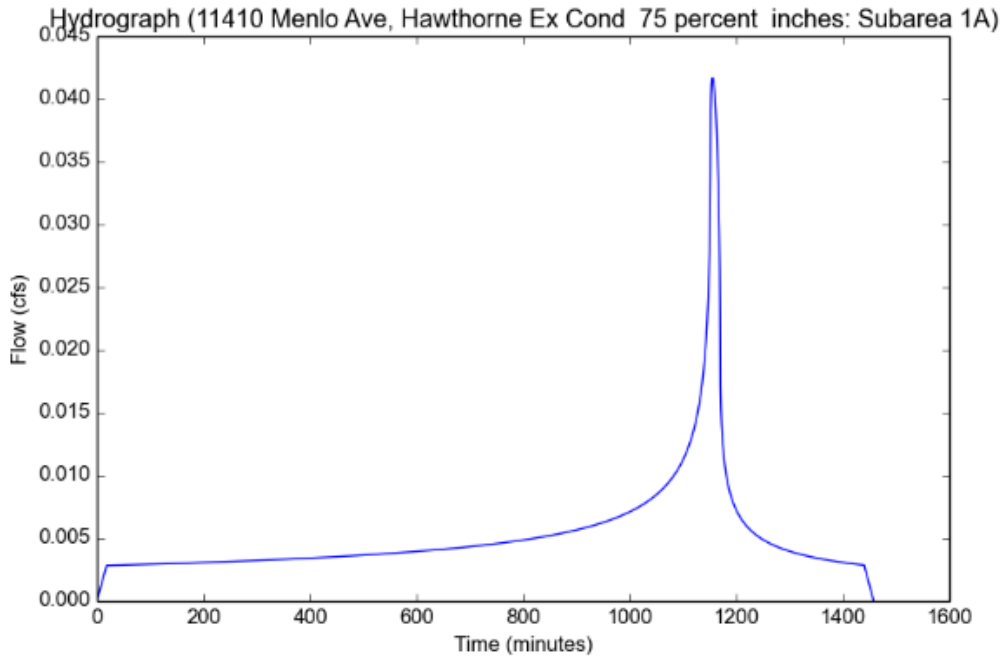
File location: C:/Users/MEsfandi/Desktop/11410 Menlo Ave, Hawthorne Ex Cond 75 percent inches - Subarea 1A.pdf
Version: HydroCalc 0.3.1

Input Parameters

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Subarea ID	Subarea 1A
Area (ac)	0.39
Flow Path Length (ft)	120.0
Flow Path Slope (vft/hft)	0.0125
0.75-inch Rainfall Depth (in)	0.75
Percent Impervious	0.42
Soil Type	13
Design Storm Frequency	0.75 inch storm
Fire Factor	0
LID	True

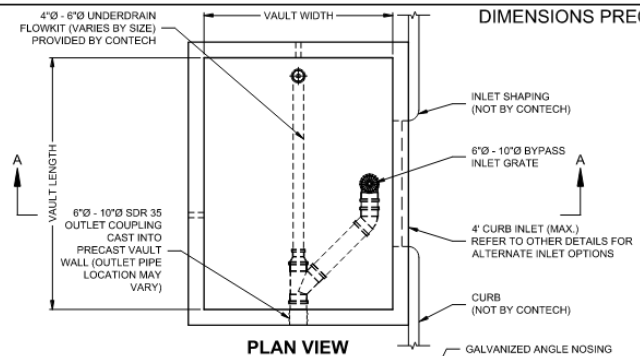
Output Results

Modeled (0.75 inch storm) Rainfall Depth (in)	0.75
Peak Intensity (in/hr)	0.2451
Undeveloped Runoff Coefficient (Cu)	0.1
Developed Runoff Coefficient (Cd)	0.436
Time of Concentration (min)	18.0
Clear Peak Flow Rate (cfs)	0.0417
Burned Peak Flow Rate (cfs)	0.0417
24-Hr Clear Runoff Volume (ac-ft)	0.0105
24-Hr Clear Runoff Volume (cu-ft)	459.1099

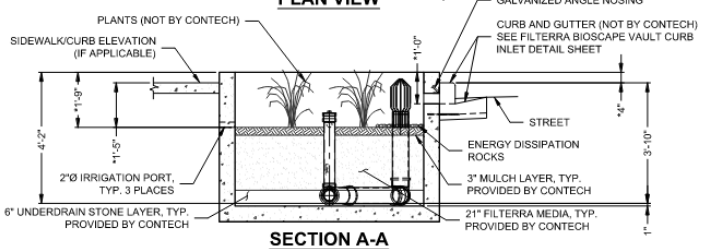


FILTERRA DETAILS

DIMENSIONS PRECEDED BY " * " ARE CRITICAL AND MAY NOT BE MODIFIED WITHOUT CONSULTING CONTECH

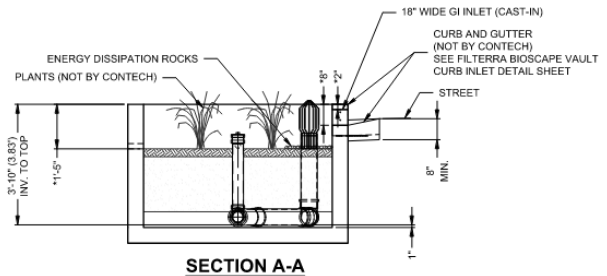


PLAN VIEW



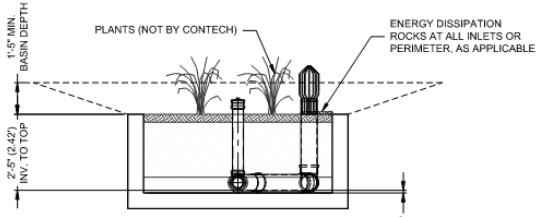
SECTION A-A

SLOTTED THROAT INLET - TOP EXTENDS 4" ABOVE CURB FOR ADJACENT SIDEWALKS (-T)



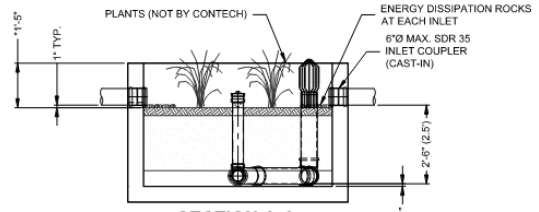
SECTION A-A

GREEN INFRASTRUCTURE INLET - TOP FLUSH WITH TOP OF CURB, NOT INTENDED FOR SIDEWALK APPLICATIONS (-I)



SECTION A-A

BASIN - CURB INLET OR PIPE INLETS OPTIONAL (-B)



SECTION A-A

PIPE INLET (-P)

FTBSVIB CONFIGURATION

(OPTIONS: BASIN "-B", GREEN INFRASTRUCTURE (GI) INLET "-I", PIPE INLET "-P", SLOTTED THROAT INLET "-T")

VAULT SIZE (L x W)	MEDIA AREA (SF)	LONG SIDE INLET DESIG. / PART NO.	SHORT SIDE INLET DESIG. / PART NO.	AVAILABILITY	MAX. OUTLET / BYPASS PIPE DIA.	MAX. BYPASS FLOW (CFS)	UNDER-DRAIN PIPE DIA. (PERF)	MIN. NO. OF INLET PIPES (-P ONLY)
4 x 4	16	FTBSVIB0404	FTBSVIB0404	ALL	6" SDR 35	1.42	4" SDR 35	1
6 x 4	24	FTBSVIB0604	FTBSVIB0406	ALL	8" SDR 35	1.89	4" SDR 35	1
8 x 4	32	FTBSVIB0804	FTBSVIB0408	ALL (EXCEPT DE,MD,NJ,PA,VA,WV)	8" SDR 35	1.89	4" SDR 35	1
7.83 x 4.5	35	FTBSVIB078045	FTBSVIB045078	DE,MD,NJ,PA,VA.WV ONLY	8" SDR 35	1.89	4" SDR 35	1
6 x 6	36	FTBSVIB0606	FTBSVIB0606	ALL (EXCEPT CA, TX)	8" SDR 35	1.89	4" SDR 35	1
8 x 6	48	FTBSVIB0806	FTBSVIB0608	ALL	10" SDR 35	2.37	4" SDR 35	1
10 x 6	60	FTBSVIB1006	FTBSVIB0610	ALL (EXCEPT CA, TX)	10" SDR 35	2.37	6" SDR 35	2
8 x 8	64	FTBSVIB0808	FTBSVIB0808	CA, TX ONLY	10" SDR 35	2.37	6" SDR 35	2
12 x 6	72	FTBSVIB1206	FTBSVIB0612	ALL (EXCEPT TX)	10" SDR 35	2.37	6" SDR 35	2
10 x 8	80	FTBSVIB1008	FTBSVIB0810	CA, TX ONLY	10" SDR 35	2.37	6" SDR 35	2
13 x 7	91	FTBSVIB1307	FTBSVIB0713	ALL (EXCEPT CA, TX)	10" SDR 35	2.37	6" SDR 35	2
12 x 8	96	FTBSVIB1208	FTBSVIB0812	CA, TX ONLY	10" SDR 35	2.37	6" SDR 35	2
14 x 8	112	FTBSVIB1408	N/A	ALL	10" SDR 35	2.37	6" SDR 35	3
16 x 8	128	FTBSVIB1608†	N/A	ALL (EXCEPT OR,WA)	10" SDR 35	2.37	6" SDR 35	3
15 x 9	135	FTBSVIB1509†	N/A	OR,WA ONLY	10" SDR 35	2.37	6" SDR 35	3
18 x 8	144	FTBSVIB1808†	N/A	CALL CONTECH	10" SDR 35	2.37	6" SDR 35	3
20 x 8	160	FTBSVIB2008†	N/A	CALL CONTECH	10" SDR 35	2.37	6" SDR 35	4
22 x 8	176	FTBSVIB2208†	N/A	CALL CONTECH	10" SDR 35	2.37	6" SDR 35	4

†UTILIZES (2) CURB OPENINGS WITH MIN 1' SPACING

INTERNAL PIPE CONFIGURATION MAY VARY DEPENDING ON VAULT SIZE

AS WITH ALL OPEN TOP BIORETENTION SYSTEMS, FILTERRA BIOSCAPE IS OPEN TO THE ATMOSPHERE WITH A MEDIA SURFACE RECESSED BELOW FINISHED GRADE. CONTRACTOR OR OWNER IS RESPONSIBLE FOR PROVIDING ANY REQUIRED SAFETY MEASURES AROUND SYSTEM PERIMETER. TO MAINTAIN AESTHETICS, REMOVAL OF HEAVY STORMWATER DEBRIS MAY BE NECESSARY BETWEEN REGULAR FILTERRA SYSTEM MAINTENANCE EVENTS.

filterra®

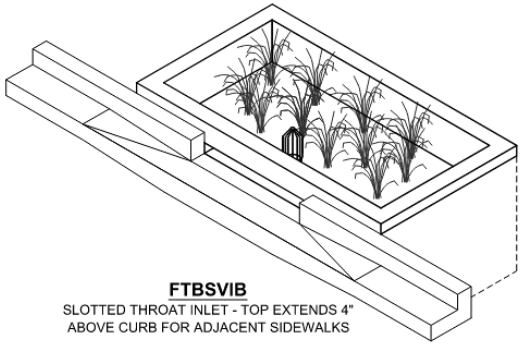
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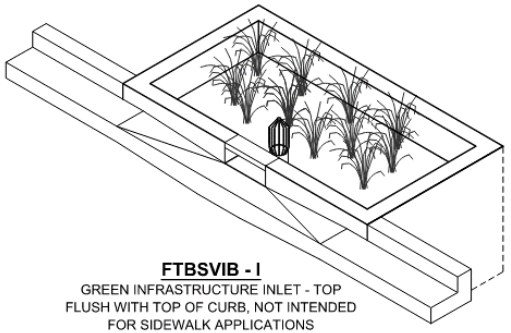
CONTECH® ENGINEERED SOLUTIONS LLC
www.ContechES.com
9100 Centre Pointe Dr., Suite 400, West Chester, OH 45069
800-338-1122 513-645-7000 513-645-7993 FAX

FILTERRA BIOSCAPE VAULT INTERNAL BYPASS (FTBSVIB) CONFIGURATION DETAIL

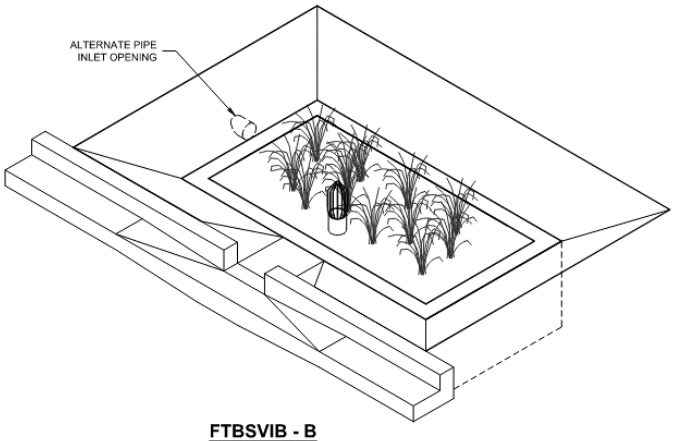
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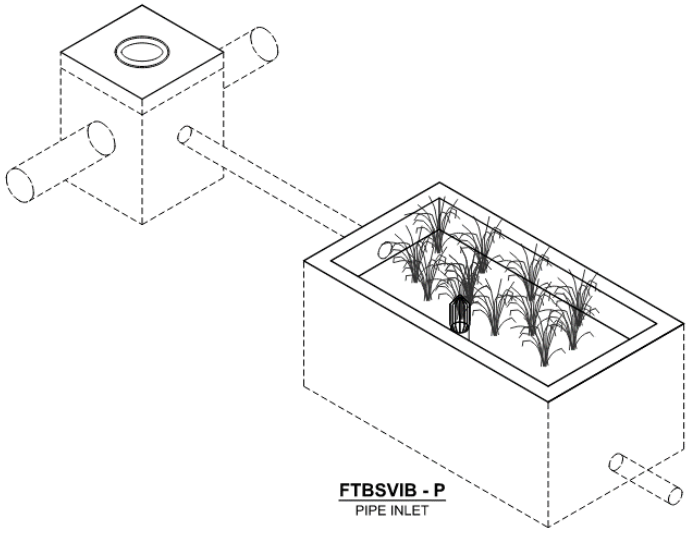
FTBSVIB
SLOTTED THROAT INLET - TOP EXTENDS 4" ABOVE CURB FOR ADJACENT SIDEWALKS



FTBSVIB - I
GREEN INFRASTRUCTURE INLET - TOP FLUSH WITH TOP OF CURB, NOT INTENDED FOR SIDEWALK APPLICATIONS



FTBSVIB - B
BASIN - CURB INLET OR PIPE INLET OPTIONAL



FTBSVIB - P
PIPE INLET

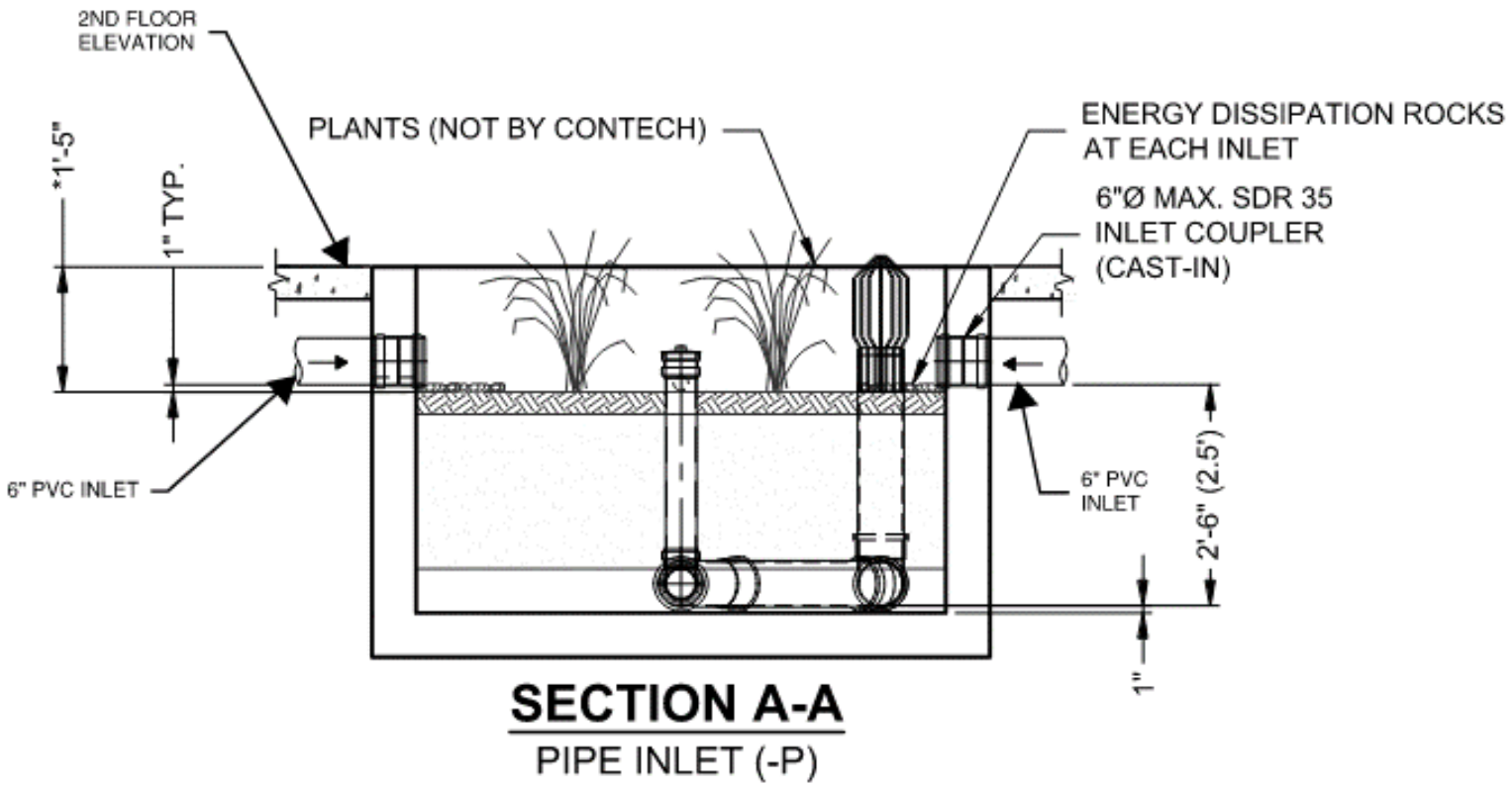
filterra®
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800-338-1122 513-645-7000 513-645-7993 FAX

FILTERRA BIOSCAPE VAULT INTERNAL BYPASS
(FTBSVIB)
SITE LAYOUT DETAIL

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SECTION A-A

PIPE INLET (-P)

Filterra Owner's Manual



filterra®

Bioretention Systems

CONTECH
ENGINEERED SOLUTIONS

filterra®
Bioretention Systems

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Appendix 2 – Planting Requirements for Filterra Systems 13

Enclosed

Local Area Filterra Plant List

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ENGINEERED SOLUTIONS

Introduction

Thank you for your purchase of the Filterra® Bioretention System. Filterra is a specially engineered stormwater treatment system incorporating high performance biofiltration media to remove pollutants from stormwater runoff. The system's biota (vegetation and soil microorganisms) then further breakdown and absorb captured pollutants. All components of the system work together to provide a sustainable long-term solution for treating stormwater runoff.

The Filterra system has been delivered to you with protection in place to resist intrusion of construction related sediment which can contaminate the biofiltration media and result in inadequate system performance. These protection devices are intended as a best practice and cannot fully prevent contamination. It is the purchaser's responsibility to provide adequate measures to prevent construction related runoff from entering the Filterra system.

Included with your purchase is Activation of the Filterra system by the manufacturer as well as a 1-year warranty from delivery of the system and 1-year of routine maintenance (mulch replacement, debris removal, and pruning of vegetation) up to twice during the first year after activation.

Design and Installation

Each project presents different scopes for the use of Filterra systems. Information and help may be provided to the design engineer during the planning process. Correct Filterra box sizing (by rainfall region) is essential to predict pollutant removal rates for a given area. The engineer shall submit calculations for approval by the local jurisdiction. The contractor is responsible for the correct installation of Filterra units as shown in approved plans. A comprehensive installation manual is available at www.ContechES.com.

Activation Overview

Activation of the Filterra system is a procedure completed by the manufacturer to place the system into working condition. This involves the following items:

- Removal of construction runoff protection devices
- Planting of the system's vegetation
- Placement of pretreatment mulch layer using mulch certified for use in Filterra systems.

Activation MUST be provided by the manufacturer to ensure proper site conditions are met for Activation, proper installation of the vegetation, and use of pretreatment mulch certified for use in Filterra systems.



Minimum Requirements

The minimum requirements for Filterra Activation are as follows:

1. The site landscaping must be fully stabilized, i.e. full landscaping installed and some grass cover (not just straw and seed) is required to reduce sediment transport. Construction debris and materials should be removed from surrounding area.



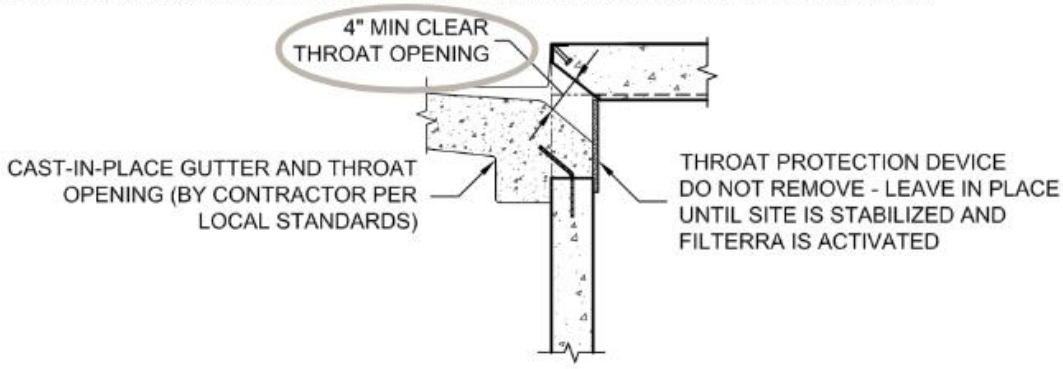


2. Final paving must be completed. Final paving ensures that paving materials will not enter and contaminate the Filterra system during the paving process, and that the plant will receive runoff from the drainage area, assisting with plant survival for the Filterra system.





3. Filterra throat opening should be at least 4" in order to ensure adequate capacity for inflow and debris.



An Activation Checklist is included on page 12 to ensure proper conditions are met for Contech to perform the Activation services. A charge of $500.00 will be invoiced for each Activation visit requested by Customer where Contech determines that the site does not meet the conditions required for Activation.

Filterra Plant Selection Overview

A Plant List has been enclosed with this packet highlighting recommended plants for Filterra systems in your area. Keep in mind that plants are subject to availability due to seasonality and required minimum size for the Filterra system. Plants installed in the Filterra system are container plants (max 15 gallon) from nursery stock and will be immature in height and spread at Activation.

It is the responsibility of the owner to provide adequate irrigation when necessary to the plant of the Filterra system.

The "Planting Requirements for Filterra Systems" document is included as an appendix and discusses proper selection and care of the plants within Filterra systems.

Warranty Overview

Refer to the Contech Engineered Solutions LLC Stormwater Treatment System LIMITED WARRANTY for further information. The following conditions may void the Filterra system's warranty and waive the manufacturer provided Activation and Maintenance services:

- Unauthorized activation or performance of any of the items listed in the activation overview
- Any tampering, modifications or damage to the Filterra system or runoff protection devices
- Removal of any Filterra system components
- Failure to prevent construction related runoff from entering the Filterra system
- Failure to properly store and protect any Filterra components (including media and underdrain stone) that may be shipped separately from the vault

Routine Maintenance Guidelines

With proper routine maintenance, the biofiltration media within the Filterra system should last as long as traditional bioretention media. Routine maintenance is included by the manufacturer on all Filterra systems for the first year after activation. This includes a maximum of 2 visits to remove debris, replace pretreatment mulch, and prune the vegetation. More information is provided in the Operations and Maintenance Guidelines. Some Filterra systems also contain pretreatment or outlet bays. Depending on site pollutant loading, these bays may require periodic removal of debris, however this is not included in the first year of maintenance, and would likely not be required within the first year of operation.

These services, as well as routine maintenance outside of the included first year, can be provided by certified maintenance providers listed on the Contech website. Training can also be provided to other stormwater maintenance or landscape providers.



Why Maintain?

All stormwater treatment systems require maintenance for effective operation. This necessity is often incorporated in your property's permitting process as a legally binding BMP maintenance agreement. Other reasons to maintain are:

- Avoiding legal challenges from your jurisdiction's maintenance enforcement program.
- Prolonging the expected lifespan of your Filterra media.
- Avoiding more costly media replacement.
- Helping reduce pollutant loads leaving your property.

Simple maintenance of the Filterra is required to continue effective pollutant removal from stormwater runoff before discharge into downstream waters. This procedure will also extend the longevity of the living biofilter system. The unit will recycle and accumulate pollutants within the biomass, but is also subjected to other materials entering the inlet. This may include trash, silt and leaves etc. which will be contained above the mulch layer. Too much silt may inhibit the Filterra's flow rate, which is the reason for site stabilization before activation. Regular replacement of the mulch stops accumulation of such sediment.

When to Maintain?

Contech includes a 1-year maintenance plan with each system purchase. Annual included maintenance consists of a maximum of two (2) scheduled visits. Additional maintenance may be necessary depending on sediment and trash loading (by Owner or at additional cost). The start of the maintenance plan begins when the system is activated.

Maintenance visits are scheduled seasonally; the spring visit aims to clean up after winter loads including salts and sands while the fall visit helps the system by removing excessive leaf litter.

It has been found that in regions which receive between 30-50 inches of annual rainfall, (2) two visits are generally required; regions with less rainfall often only require (1) one visit per annum. Varying land uses can affect maintenance frequency; e.g. some fast food restaurants require more frequent trash removal. Contributing drainage areas which are subject to new development wherein the recommended erosion and sediment control measures have not been implemented may require additional maintenance visits.

Some sites may be subjected to extreme sediment or trash loads, requiring more frequent maintenance visits. This is the reason for detailed notes of maintenance actions per unit, helping the Supplier and Owner predict future maintenance frequencies, reflecting individual site conditions.

Owners must promptly notify the (maintenance) Supplier of any damage to the plant(s), which constitute(s) an integral part of the bioretention technology. Owners should also advise other landscape or maintenance contractors to leave all maintenance to the Supplier (i.e. no pruning or fertilizing) during the first year.



Exclusion of Services

Clean up due to major contamination such as oils, chemicals, toxic spills, etc. will result in additional costs and are not covered under the Supplier maintenance contract. Should a major contamination event occur the Owner must block off the outlet pipe of the Filterra (where the cleaned runoff drains to, such as drop inlet) and block off the throat of the Filterra. The Supplier should be informed immediately.

Maintenance Visit Summary

Each maintenance visit consists of the following simple tasks (detailed instructions below).

1. Inspection of Filterra and surrounding area
2. Removal of tree grate and erosion control stones
3. Removal of debris, trash and mulch
4. Mulch replacement
5. Plant health evaluation and pruning or replacement as necessary
6. Clean area around Filterra
7. Complete paperwork

Maintenance Tools, Safety Equipment and Supplies

Ideal tools include: camera, bucket, shovel, broom, pruners, hoe/rake, and tape measure. Appropriate Personal Protective Equipment (PPE) should be used in accordance with local or company procedures. This may include impervious gloves where the type of trash is unknown, high visibility clothing and barricades when working in close proximity to traffic and also safety hats and shoes. A T-Bar or crowbar should be used for moving the tree grates (up to 170 lbs ea.). Most visits require minor trash removal and a full replacement of mulch. See below for actual number of bagged mulch that is required in each media bay size. Mulch should be a double shredded, hardwood variety. Some visits may require additional Filterra engineered soil media available from the Supplier.

Box Length	Box Width	Filter Surface Area (ft^2)	Volume at 3" (ft^3)	# of 2 ft^3 Mulch Bags
4	4	16	4	2
6	4	24	6	3
8	4	32	8	4
6	6	36	9	5
8	6	48	12	6
10	6	60	15	8
12	6	72	18	9
13	7	91	23	12

Maintenance Visit Procedure

Keep sufficient documentation of maintenance actions to predict location specific maintenance frequencies and needs. An example Maintenance Report is included in this manual.



1. Inspection of Filterra and surrounding area

- Record individual unit before maintenance with photograph (numbered). Record on Maintenance Report (see example in this document) the following:

Record on Maintenance Report the following:

Standing Water	yes | no
Damage to Box Structure	yes | no
Damage to Grate	yes | no
Is Bypass Clear	yes | no

If yes answered to any of these observations, record with close-up photograph (numbered).



2. Removal of tree grate and erosion control stones

- Remove cast iron grates for access into Filterra box.
- Dig out silt (if any) and mulch and remove trash & foreign items.

3. Removal of debris, trash and mulch

Record on Maintenance Report the following:

Silt/Clay	yes | no
Cups/ Bags	yes | no
Leaves	yes | no
Buckets Removed	_____



- After removal of mulch and debris, measure distance from the top of the Filterra engineered media soil to the top of the top slab. Compare the measured distance to the distance shown on the approved Contract Drawings for the system. Add Filterra media (not top soil or other) to bring media up as needed to distance indicated on drawings.

Record on Maintenance Report the following:

Distance to Top of Top Slab (inches)	_____
Inches of Media Added	_____



4. Mulch replacement

- Add double shredded mulch evenly across the entire unit to a depth of 3".
- Refer to Filterra Mulch Specifications for information on acceptable sources.
- Ensure correct repositioning of erosion control stones by the Filterra inlet to allow for entry of trash during a storm event.
- Replace Filterra grates correctly using appropriate lifting or moving tools, taking care not to damage the plant.



5. Plant health evaluation and pruning or replacement as necessary

- Examine the plant's health and replace if necessary.
- Prune as necessary to encourage growth in the correct directions

Record on Maintenance Report the following:

Height above Grate	_____ (ft)
Width at Widest Point	_____ (ft)
Health	healthy | unhealthy
Damage to Plant	yes | no
Plant Replaced	yes | no



6. Clean area around Filterra

- Clean area around unit and remove all refuse to be disposed of appropriately.



7. Complete paperwork

- Deliver Maintenance Report and photographs to appropriate location (normally Contech during maintenance contract period).
- Some jurisdictions may require submission of maintenance reports in accordance with approvals. It is the responsibility of the Owner to comply with local regulations.

Maintenance Checklist

Drainage System Failure	Problem	Conditions to Check	Condition that Should Exist	Actions
Inlet	Excessive sediment or trash accumulation.	Accumulated sediments or trash impair free flow of water into Filterra.	Inlet should be free of obstructions allowing free distributed flow of water into Filterra.	Sediments and/or trash should be removed.
Mulch Cover	Trash and floatable debris accumulation.	Excessive trash and/or debris accumulation.	Minimal trash or other debris on mulch cover.	Trash and debris should be removed and mulch cover raked level. Ensure bark nugget mulch is not used.
Mulch Cover	"Ponding" of water on mulch cover.	"Ponding" in unit could be indicative of clogging due to excessive fine sediment accumulation or spill of petroleum oils.	Stormwater should drain freely and evenly through mulch cover.	Recommend contact manufacturer and replace mulch as a minimum.
Vegetation	Plants not growing or in poor condition.	Soil/mulch too wet, evidence of spill. Incorrect plant selection. Pest infestation. Vandalism to plants.	Plants should be healthy and pest free.	Contact manufacturer for advice.
Vegetation	Plant growth excessive.	Plants should be appropriate to the species and location of Filterra.		Trim/prune plants in accordance with typical landscaping and safety needs.
Structure	Structure has visible cracks.	Cracks wider than 1/2 inch or evidence of soil particles entering the structure through the cracks.		Vault should be repaired.

Maintenance is ideally to be performed twice annually.

Filterra Inspection & Maintenance Log

Filterra System Size/Model:_____**Location:** _____

Date	Mulch & Debris Removed	Depth of Mulch Added	Mulch Brand	Height of Vegetation Above Grate	Vegetation Species	Issues with System	Comments
1/1/17	*5 – 5 gal Buckets*	*3"*	*Lowe's Premium Brown Mulch*	*4'*	*Galaxy Magnolia*	*- Standing water in downstream structure*	*- Removed blockage in downstream structure*

Appendix 1 – Filterra® Activation Checklist

CONTECH ENGINEERED SOLUTIONS

Project Name: _____ Company: _____

Site Contact Name: _____ Site Contact Phone/Email: _____

Site Owner/End User Name: _____ Site Owner/End User Phone/Email: _____

Preferred Activation Date: _____ (provide 2 weeks minimum from date this form is submitted)

Site Designation	System Size	Final Pavement / Top Coat Complete	Landscaping Complete / Grass Emerging	Construction materials / Piles / Debris Removed	Throat Opening Measures 4" Min. Height	Plant Species Requested
		☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No	
		☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No	
		☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No	
		☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No	
		☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No	
		☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No	
		☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No	
		☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No	
		☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No	

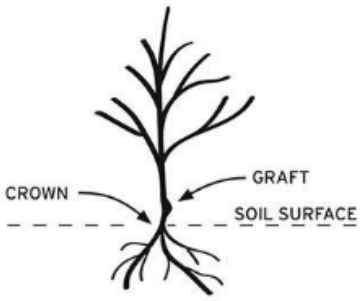
Attach additional sheets as necessary.

NOTE: A charge of $500.00 will be invoiced for each Activation visit requested by Customer where Contech determines that the site does not meet the conditions required for Activation. ONLY Contech authorized representatives can perform Activation of Filterra systems; unauthorized Activations will void the system warranty and waive manufacturer supplied Activation and 1st Year Maintenance.

Signature _____ Date _____

Appendix 2 – Planting Requirements for Filterra® Systems

Plant Material Selection



- Select plant(s) as specified in the engineering plans and specifications.
- Select plant(s) with full root development but not to the point where root bound.
- Use local nursery container plants only. Ball and burlapped plants are not permitted.
- For precast Filterra systems with a tree grate, plant(s) must not have scaffold limbs at least 14 inches from the crown due to spacing between the top of the mulch and the tree grate. Lower branches can be pruned away provided there are sufficient scaffold branches for tree or shrub development.
- For precast Filterra systems with a tree grate, at the time of installation, it is required that plant(s) must be at least 6" above the tree grate opening at installation for all Filterra configurations. This DOES NOT apply to Full Grate Cover designs.
- Plant(s) shall not have a mature height greater than 25 feet.
- For standard 21" media depth, a 7 – 15 gallon container size shall be used. Media less than 21" (Filterra boxes only) will require smaller container plants.
- For precast Filterra systems, plant(s) should have a single trunk at installation, and pruning may be necessary at activation and maintenance for some of the faster growing species, or species known to produce basal sprouts.

Plant Installation

- During transport protect the plant leaves from wind and excessive jostling.
- Prior to removing the plant(s) from the container, ensure the soil moisture is sufficient to maintain the integrity of the root ball. If needed, pre-wet the container plant.
- Cut away any roots which are growing out of the container drain holes. Plants with excessive root growth from the drain holes should be rejected.
- Plant(s) should be carefully removed from the pot by gently pounding on the sides of the container with the fist to loosen root ball. Then carefully slide out. Do not lift plant(s) by trunk as this can break roots and cause soil to fall off. Extract the root ball in a horizontal position and support it to prevent it from breaking apart. Alternatively the pot can be cut away to minimize root ball disturbance.
- Remove any excess soil from above the root flare after removing plant(s) from container.
- Excavate a hole with a diameter 4" greater than the root ball, gently place the plant(s).
- If plant(s) have any circling roots from being pot bound, gently tease them loose without breaking them.
- If root ball has a root mat on the bottom, it should be shaved off with a knife just above the mat line.
- Plant the tree/shrub/grass with the top of the root ball 1" above surrounding media to allow for settling.
- All plants should have the main stem centered in the tree grate (where applicable) upon completion of installation.
- With all trees/shrubs, remove dead, diseased, crossed/rubbing, sharply crotched branches or branches growing excessively long or in wrong direction compared to majority of branches.
- To prevent transplant shock (especially if planting takes place in the hot season), it may be necessary to prune some of the foliage to compensate for reduced root uptake capacity. This is accomplished by pruning away some of the smaller secondary branches or a main scaffold branch if there are too many. Too much foliage relative to the root ball can dehydrate and damage the plant.
- Plant staking may be required.

Mulch Installation

- Only mulch that has been meeting Contech Engineered Solutions' mulch specifications can be used in the Filterra system.
- Mulch must be applied to a depth of 3" evenly over the surface of the media.

Irrigation Requirements

- Each Filterra system must receive adequate irrigation to ensure survival of the living system during periods of drier weather.
- Irrigation sources include rainfall runoff from downspouts and/or gutter flow, applied water through the tree grate or in some cases from an irrigation system with emitters installed during construction.
- At Activation: Apply about one (cool climates) to two (warm climates) gallons of water per inch of trunk diameter over the root ball.
- During Establishment: In common with all plants, each Filterra plant will require more frequent watering during the establishment period. One inch of applied water per week for the first three months is recommended for cooler climates (2 to 3 inches for warmer climates). If the system is receiving rainfall runoff from the drainage area, then irrigation may not be needed. Inspection of the soil moisture content can be evaluated by gently brushing aside the mulch layer and feeling the soil. Be sure to replace the mulch when the assessment is complete. Irrigate as needed**.
- Established Plants: Established plants have fully developed root systems and can access the entire water column in the media. Therefore irrigation is less frequent but requires more applied water when performed. For a mature system assume 3.5 inches of available water within the media matrix. Irrigation demand can be estimated as 1" of irrigation demand per week. Therefore if dry periods exceed 3 weeks, irrigation may be required. It is also important to recognize that plants which are exposed to windy areas and reflected heat from paved surfaces may need more frequent irrigation. Long term care should develop a history which is more site specific.

** Five gallons per square yard approximates 1 inch of water Therefore for a 6' by 6' Filterra approximately 20-60 gallons of water is needed. To ensure even distribution of water it needs to be evenly sprinkled over the entire surface of the filter bed, with special attention to make sure the root ball is completely wetted. NOTE: if needed, measure the time it takes to fill a five gallon bucket to estimate the applied water flow rate then calculate the time needed to irrigate the Filterra. For example, if the flow rate of the sprinkler is 5 gallons/minute then it would take 12 minutes to irrigate a 6' by 6' filter.



Notes





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CONTECH ENGINEERED SOLUTIONS

filterra Bioretention Systems

Filterra® Maintenance Steps



1. Inspection of Filterra and surrounding area



2. Removal of tree grate and erosion control stones



3. Removal of debris, trash and mulch



4. Mulch replacement



5. Clean area around Filterra



6. Complete paperwork and record plant height and width

Contech has created a network of Certified Maintenance Providers (CCMP's) to provide maintenance on Filterra systems. To find a CCMP in your area please visit www.conteches.com/maintenance

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FRICTION LOSS OF WATER IN FEET PER 100 FEET LENGTH OF PIPE

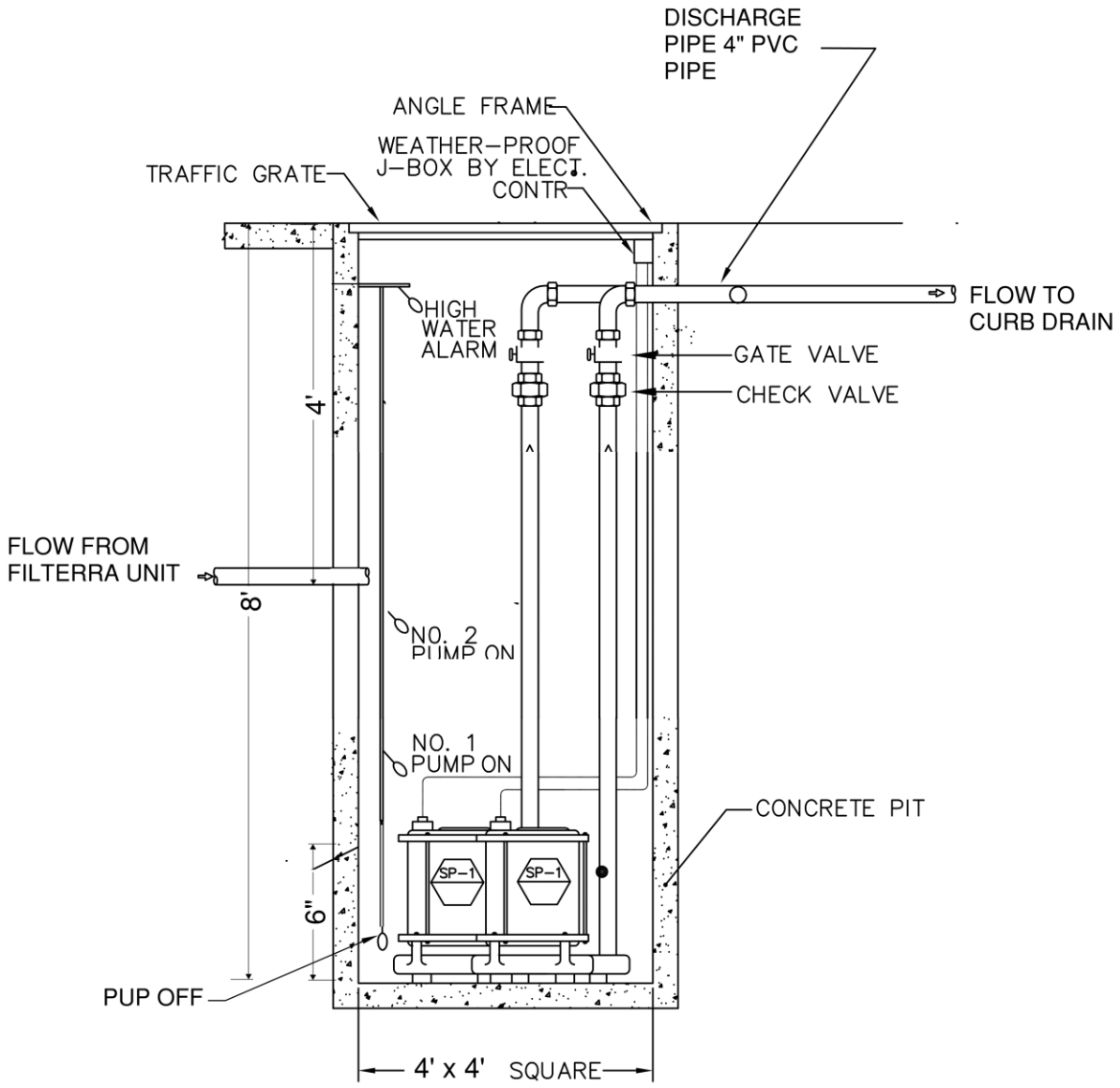
Based on Hazen & Williams formula using constant 100.0 sizes of standard pipe in inches.

U.S. Gallons Per Min.	Velocity Feet Per Sec.	Loss In Feet	Velocity Feet Per Sec.	Loss In Feet	Velocity Feet Per Sec.	Loss In Feet	Velocity Feet Per Sec.	Loss In Feet	Velocity Feet Per Sec.	Loss In Feet	Velocity Feet Per Sec.	Loss In Feet	Velocity Feet Per Sec.	Loss In Feet	Velocity Feet Per Sec.	Loss In Feet	Velocity Feet Per Sec.	Loss In Feet	Velocity Feet Per Sec.	Loss In Feet	Velocity Feet Per Sec.	Loss In Feet
2	2.10	7.40	1.20	1.90																				
4	4.21	27.00	2.41	7.00	1.49	2.14	0.86	0.57	0.63	0.26														
6	6.31	57.00	3.61	14.70	2.23	4.55	1.29	1.20	0.94	0.56	0.61	0.20												
8	8.42	98.00	4.81	25.00	2.98	7.80	1.72	2.03	1.26	0.95	0.82	0.33	0.52	0.11										
10	10.52	147.00	6.02	38.00	3.72	11.70	2.14	3.05	1.57	1.43	1.02	0.50	0.65	0.17	0.45	0.07								
12			7.22	53.00	4.46	16.40	2.57	4.30	1.89	2.01	1.23	0.79	0.78	0.23	0.54	0.10								
15	1/2"		9.02	80.00	5.60	25.00	3.21	6.50	2.36	3.00	1.53	1.08	0.98	0.36	0.68	0.15								
18			10.84	108.20	6.69	35.00	3.86	9.10	2.83	4.24	1.84	1.49	1.18	0.50	0.82	0.21								
20			12.03	136.00	7.44	42.00	4.29	11.30	3.15	5.20	2.04	1.82	1.31	0.61	0.91	0.25	0.51	0.06						
25					9.30	64.00	5.35	16.60	3.80	7.30	2.55	2.73	1.63	0.92	1.13	0.38	0.64	0.09						
30					11.15	89.00	6.43	23.00	4.72	11.00	3.06	3.84	1.96	1.29	1.36	0.54	0.77	0.13	0.49	0.04				
35			3/4"		13.02	119.00	7.51	31.20	5.51	14.70	3.57	5.10	2.29	1.72	1.59	0.71	0.89	0.17	0.57	0.06				
40					14.88	152.00	8.58	40.00	6.30	18.80	4.08	6.60	2.61	2.20	1.82	0.91	1.02	0.22	0.65	0.08				
45							9.65	50.00	7.08	23.20	4.60	8.20	2.94	2.80	2.04	1.15	1.15	0.28	0.73	0.09				
50							10.72	60.00	7.87	28.40	5.11	9.90	3.27	3.32	2.27	1.38	1.28	0.34	0.82	0.11	0.57	0.04		
55					1"		11.78	72.00	8.66	34.00	5.62	11.80	3.59	4.01	2.45	1.58	1.41	0.41	0.90	0.14	0.62	0.05		
60							12.87	85.00	9.44	39.60	6.13	13.90	3.92	4.65	2.72	1.92	1.53	0.47	0.98	0.16	0.68	0.06		
65							13.92	99.70	10.23	45.90	6.64	16.10	4.24	5.40	2.89	2.16	1.66	0.53	1.06	0.19	0.74	0.07		
70							15.01	113.00	11.02	53.00	7.15	18.40	4.58	6.20	3.18	2.57	1.79	0.63	1.14	0.21	0.79	0.08		
75							16.06	129.00	11.80	60.00	7.66	20.90	4.91	7.10	3.33	3.00	1.91	0.73	1.22	0.24	0.85	0.10		
80							17.16	145.00	12.59	68.00	8.17	23.70	5.23	7.90	3.63	3.28	2.04	0.81	1.31	0.27	0.91	0.11		
85							18.21	163.80	13.38	75.00	8.68	26.50	5.56	8.10	3.78	3.54	2.17	0.91	1.39	0.31	0.95	0.12		
90							19.30	180.00	14.71	84.00	9.19	29.40	5.88	9.80	4.09	4.08	2.30	1.00	1.47	0.34	1.02	0.14		
95									14.95	93.00	9.70	32.60	6.21	10.80	4.22	4.33	2.42	1.12	1.55	0.38	1.08	0.15		
100	8"						1-1/4"		15.74	102.00	10.21	35.80	6.54	12.00	4.54	4.96	2.55	1.22	1.63	0.41	1.13	0.17		
110									17.31	122.00	11.23	42.90	7.18	14.50	5.00	6.00	2.81	1.46	1.79	0.49	1.25	0.21		
120									18.89	143.00	12.25	50.00	7.84	16.80	5.45	7.00	3.06	1.17	1.96	0.58	1.36	0.24		
130									20.46	166.00	13.28	58.00	8.48	18.70	5.91	8.10	3.31	1.97	2.12	0.67	1.47	0.27		
140	0.90	0.08							22.04	190.00	14.30	67.00	9.15	22.30	6.35	9.20	3.57	2.28	2.29	0.76	1.59	0.32		
150	0.96	0.09									15.32	76.00	9.81	25.50	6.82	10.50	3.82	2.62	2.45	0.88	1.70	0.36		
160	1.02	0.10	10"						1-1/2"		16.34	86.00	10.46	29.00	7.26	11.80	4.08	2.91	2.61	0.98	1.82	0.40		
170	1.08	0.11									17.36	96.00	11.11	34.10	7.71	13.30	4.33	3.26	2.77	1.08	1.92	0.45		
180	1.15	0.13									18.38	107.00	11.76	35.70	8.17	14.00	4.60	3.61	2.94	1.22	2.04	0.50		
190	1.21	0.14									19.40	118.00	12.42	39.60	8.63	15.50	4.84	4.01	3.10	1.35	2.16	0.55		
200	1.28	0.15									20.42	129.00	13.07	43.10	9.08	17.80	5.11	4.40	3.27	1.48	2.27	0.62		
220	1.40	0.18	0.90	0.05							22.47	154.00	14.38	52.00	9.99	21.30	5.62	5.20	3.59	1.77	2.50	0.73		
240	1.53	0.22	0.98	0.07	12"						24.51	182.00	15.69	61.00	10.89	25.10	6.13	6.20	3.92	2.08	2.72	.87		
260	1.66	0.25	1.06	0.08							26.55	211.00	16.99	70.00	11.80	29.10	6.64	7.20	4.25	2.41	2.95	1.00		
280	1.79	0.28	1.15	0.09									18.30	81.00	12.71	33.40	7.15	8.20	4.58	2.77	3.18	1.14		
300	1.91	0.32	1.22	0.11									19.61	92.00	13.62	38.00	7.66	9.30	4.90	3.14	3.40	1.32		
320	2.05	0.37	1.31	0.12							2"		20.92	103.00	14.52	42.80	8.17	10.50	5.23	3.54	3.64	1.47		
340	2.18	0.41	1.39	0.14									22.22	116.00	15.43	47.90	8.68	11.70	5.54	3.97	3.84	1.62		
360	2.30	0.45	1.47	0.15			14"						23.53	128.00	16.34	53.00	9.19	13.10	5.87	4.41	4.08	1.83		
380	2.43	0.50	1.55	0.17	1.08	0.06							24.84	142.00	17.25	59.00	9.69	14.00	6.19	4.86	4.31	2.00		
400	2.60	0.54	1.63	0.19	1.14	0.07							26.14	156.00	18.16	65.00	10.21	16.00	6.54	5.40	4.55	2.20		
450	2.92	0.68	1.84	0.23	1.28	0.96									20.40	78.00	11.49	19.80	7.35	6.70	5.11	2.74		
500	3.19	0.82	2.04	0.28	1.42	0.11	1.04	0.06							22.70	98.00	12.77	24.00	8.17	8.10	5.68	2.90		
550	3.52	0.97	2.24	0.33	1.56	0.13	1.15	0.07							24.96	117.00	14.04	28.70	8.99	9.60	6.25	3.96		
600	3.84	1.14	2.45	0.39	1.70	0.15	1.25	0.08	16"				2-1/2"		27.23	137.00	15.32	33.70	9.80	11.30	6.81	4.65		
650	4.16	1.34	2.65	0.45	1.84	0.19	1.37	0.09									16.59	39.00	10.62	13.20	7.38	5.40		
700	4.46	1.54	2.86	0.52	1.99	0.22	1.46	0.10									17.87	44.90	11.44	15.10	7.95	6.21		
750	4.80	1.74	3.06	0.59	2.13	0.24	1.58	0.11									19.15	51.00	12.26	17.20	8.50	7.12		
800	5.10	1.90	3.26	0.66	2.27	0.27	1.67	0.13							3"		20.42	57.00	13.07	19.40	9.08	7.95		
850	5.48	2.20	3.47	0.75	2.41	0.31	1.79	0.14	1.36	0.08	20"						21.70	64.00	13.89	21.70	9.65	8.95		
900	5.75	2.46	3.67	0.83	2.56	0.34	1.88	0.15	1.44	0.08							22.98	71.00	14.71	24.00	10.20	10.11		
950	6.06	2.87	3.88	0.91	2.70	0.38	2.00	0.18	1.52	0.09									15.52	26.70	10.77	11.20		
1000	6.38	2.97	4.08	1.03	2.84	0.41	2.10	0.19	1.60	0.10	1.02	0.04							16.34	29.20	11.34	12.04		
1100	7.03	3.52	4.49	1.19	3.13	0.49	2.31	0.23	1.76	0.12	1.12	0.04					4"		17.97	34.90	12.48	14.55		
1200	7.66	4.17	4.90	1.40	3.41	0.58	2.52	0.27	1.92	0.14	1.23	0.05							19.61	40.90	13.61	17.10		
1300	8.30	4.85	5.31	1.62	3.69	0.67	2.71	0.32	2.08	0.17	1.33	0.06	24"								14.72	18.40		
1400	8.95	5.50	5.71	1.87	3.98	0.78	2.92	0.36	2.24	0.19	1.43	0.06									15.90	22.60		
1500	9.58	6.24	6.12	2.13	4.26	0.89	3.15	0.41	2.39	0.21	1.53	0.07							5"		17.02	25.60		
1600	10.21	7.00	6.53	2.39	4.55	0.98	3.34	0.47	2.56	0.24	1.63	0.08									18.10	26.90		
1800	11.50	8.78	7.35	2.96	5.11	1.21	3.75	0.58	2.87	0.30	1.84	0.10	1.28	0.04										
2000	12.78	10.71	8.16	3.59	5.68	1.49	4.17	0.71	3.19	0.37	2.04	0.12	1.42	0.05	30"									
2200	14.05	12.78	8.98	4.24	6.25	1.81	4.59	0.84	3.51	0.44	2.25	0.15	1.56	0.06							6"			
2400	15.32	14.20	9.80	5.04	6.81	2.08	5.00	0.99	3.83	0.52	2.45	0.17	1.70	0.07	1.09	0.02								
2600			10.61	5.81	7.38	2.43	5.47	1.17	4.15	0.60	2.66	0.20	1.84	0.08	1.16	0.02								
2800			11.41	6.70	7.95	2.75	5.84	1.32	4.47	0.68	2.86	0.23	1.98	0.09	1.27	0.03								
3000			12.24	7.62	8.52	3.15	6.01	1.49	4.79	0.78	3.08	0.27	2.13	0.10	1.37	0.03								
3200			13.05	7.80	9.10	3.51	6.68	1.67	5.12	0.88	3.27	0.30	2.26	0.12	1.46	0.04								
3500			14.30	10.08	9.95	4.16	7.30	1.97	5.59	1.04	3.59	0.35	2.49	0.14	1.56	0.04								
3800			15.51	13.40	10.80	4.90	7.98	2.36	6.07	1.20	3.88	0.41	2.69	0.17	1.73	0.05								
4200					11.92	5.88	8.76	2.77	6.70	1.44	4.29	0.49	2.99	0.20	1.91	0.07								
4500					12.78	6.90	9.45	3.22	7.18	1.64	4.60	0.56	3.20	0.22	2.04	0.08								
5000					14.20	8.40	10.50	3.92	8.01	2.03	5.13	0.68	3.54	0.27	2.26	0.09								
5500							11.55	4.65	8.78	2.39	5.64	0.82	3.90	0.33	2.50	0.11								
6000							12.60	5.50	9.58	2.79	6.13	0.94	4.25	0.38	2.73	0.13								
6500							13.65	6.45	10.39	3.32	6.64	1.10	4.61	0.45	2.96	0.15								
7000							14.60	7.08	11.18	3.70	7.15	1.25	4.97	0.52	3.18	0.17								
8000									12.78	4.74	8.17	1.61	5.68	0.66	3.64	0.23								
9000									14.37	5.90	9.20	2.01	6.35	0.81	4.08	0.28								
10000									15.96	7.19	10.20	2.44	7.07	0.98	4.54	0.33								
12000											12.25	3.41	8.50	1.40	5.45	0.48								
14000											14.30	4.54	9.95	1.87	6.37	0.63								
16000													11.38	2.40	7.28	0.81								
18000													12.76	2.97	8.18	1.02								
20000													14.20	3.60	9.10	1.23								

Table 3 Resistance of Fittings and Valves

(Length of straight pipe, ft, giving equivalent resistance)

Pipe size, in.	 Standard ell	 Medium radius ell	 Long-radius ell	 45° ell	 Tee	 Gate valve, open	 Globe valve, open	 Swing check, open
1	2.7	2.3	1.7	1.3	5.8	0.6	27	6.7
2	5.5	4.6	3.5	2.5	11.0	1.2	57	13
3	8.1	6.8	5.1	3.8	17.0	1.7	85	20
4	11.0	9.1	7.0	5.0	22	2.3	110	27
5	14.0	12.0	8.9	6.1	27	2.9	140	33
6	16.0	14.0	11.0	7.7	33	3.5	160	40
8	21	18.0	14.0	10.0	43	4.5	220	53
10	26	22	17.0	13.0	56	5.7	290	67
12	32	26	20.0	15.0	66	6.7	340	80
14	36	31	23	17.0	76	8.0	390	93
16	42	35	27	19.0	87	9.0	430	107
18	46	40	30	21	100	10.2	500	120
20	52	43	34	23	110	12.0	560	134
24	63	53	40	28	140	14.0	680	160
36	94	79	60	43	200	20.0	1,000	240



SUBMESIBLE SUMP PUMP
TWO COULDS PUMP MODEL WS15D4M,
OR EQUIVALENT
NTS

King Pumps™ HOME

ITT

Wastewater

Goulds Pumps

WS_D4 Series Model 3888D4

Submersible Sewage Pump



FEATURES

- **Impeller:** Cast iron, two vane semi-open, non-clog with pump-out vanes for mechanical seal protection. Balanced for smooth operation. Silicon bronze impeller available as an option.
- **Casing:** Heavy duty gray cast iron, ASTM A48, Class 30. Volute type casing with 4", 125#, ANSI flanged, horizontal discharge. Compatible with A10-40 cast iron or A10-40B cast iron and brass (non-sparking) guide rail assembly.
- **Dual Mechanical Seals:** Silicon carbide vs. silicon carbide outer seal and ceramic vs. carbon inner seal, stainless steel metal parts, BUNA-N elastomers. Upper and lower shaft seals are positioned independently and are separated by an oil-filled chamber.
- **Shaft:** 300 series stainless steel keyed design.
- **Fasteners:** 300 series stainless steel.
- Capable of running dry temporarily without damage to seals or motor.

GOULDS PUMPS

Goulds Pumps is a brand of ITT Water Technology, Inc.
- a subsidiary of ITT Industries, Inc.

www.goulds.com

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APPLICATIONS

Used in a variety of residential, commercial and industrial applications such as:

- Sewage systems, Flood and Pollution Control, Dewatering/Effluent, Farms, Hospitals, Trailer Courts, Motels

SPECIFICATIONS

Pump:

- Maximum solid size: 3"
- Discharge size: 4", 125 # ANSI flange
- Maximum capacity: 620 GPM
- Maximum total head: 60 feet
- 300 Series stainess steel fasteners
- 20' Power cord
- Standard silicon carbide/silicon carbide outer seal

Motor:

- Maximum ambient temperature: 104" F (40" C) continuous duty, 140" F (60" C) intermittent duty
- Rated for continuous duty when fully submerged
- Insulation: Class F
- 60 Hertz
- Single row ball bearings
- 300 Series stainless steel keyed shaft

Single Phase:

- 1.5 - 5 HP; 208 and 230 volts
- Built-in thermal overloads with automatic reset
- Built-in capacitors

Three Phase:

- 1.5 - 7.5 HP; 200, 230, 460 and 575 volts
- Class 10 overload protection must be provided in control panel

MOTORS

- Fully submerged in oil-filled chamber. High grade turbine oil surrounds motor for more efficient heat dissipation, permanent lubrication of bearings and mechanical seal for complete protection against outside environment.
- **Class F insulation.**
- **Designed for Continuous Operation:** Pump ratings are within the motor manufacturer's recommended working limits and can be operated continuously without damage when fully submerged.
- **Bearings:** Upper and lower heavy duty ball bearing construction for precision positioning of parts and to carry thrust loads.
- **Power Cable:** Severe duty rated, oil and water resistant. Epoxy seal on motor end provides secondary moisture barrier in case of outer jacket damage and to prevent oil wicking. 20 foot standard with optional lengths available.
- **O-ring:** Assures positive sealing against contaminants and oil leakage.

AGENCY LISTINGS

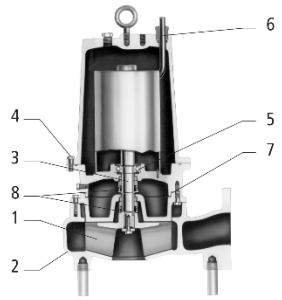
Tested to UL 778 and CSA 22.2 108 Standards By Canadian Standards Association File #LR38549

Goulds Pumps is ISO 9001 Registered.

MODEL AND MOTOR INFORMATION

Order No.	HP	Phase	Volts	RPM	Impeller Dia. (in.)	Maximum Amps	L.R. Amps	KVA Code	Power Cable	F.L. Motor Efficiency %	Resistance		Wt. (lbs.)
											Start	Line-Line	
WS1518D4M	1.5	1	208	1750	5.63	17.2	50.8	B	14/3	80	1.1	0.9	195
WS1512D4M			230			14.7	29.5	E		70	1.4	1.8	
WS1538D4M		3	200			11.5	40.9	H	14/4	81	NA	1.7	
WS1532D4M			230			10.0	40.0	F		83		2.3	
WS1534D4M			460			5.0	20.0	F		83		9.3	
WS1537D4M			575			4.0	14.4	H		74		14.8	
WS1518D4	1.5	1	208	1750	6.25	17.2	50.8	B	14/3	80	1.1	0.9	195
WS1512D4			230			14.7	29.5	E		70	1.4	1.8	
WS1538D4		3	200			11.5	40.9	H	14/4	81	NA	1.7	
WS1532D4			230			10.0	40.0	F		83		2.3	
WS1534D4			460			5.0	20.0	F		83		9.3	
WS1537D4			575			4.0	14.4	H		74		14.8	
WS2018D4	2	1	208	1750	6.63	20.3	50.8	B	14/3	80	1.1	0.9	200
WS2012D4			230			17.3	36.9	D		75	1.4	1.5	
WS2038D4		3	200			13.3	40.9	H	14/4	81	NA	1.7	
WS2032D4			230			11.6	40.0	F		83		2.3	
WS2034D4			460			5.8	20.0	F		83		9.3	
WS2037D4			575			4.6	14.4	H		74		14.8	
WS3018D4	3	1	208	1750	7.00	25.5	50.8	B	10/3	80	1.1	0.9	208
WS3012D4			230			21.5	46.4	C		79	1.0	1.0	
WS3038D4		3	200			16.6	53.8	G	10/4	85	NA	1.3	205
WS3032D4			230			14.4	49.5	H	14/4	83		1.9	
WS3034D4			460			7.2	24.8	H		83		7.5	
WS3037D4			575			5.8	17.3	G		78		11.6	
WS5012D4	5	1	230	1750	7.25	26.5	57.7	A	10/3	80	1.0	0.8	213
WS5038D4		3	200			19.1	73.9	F	10/4	84	NA	0.9	210
WS5032D4			230			16.6	63.6	E		85		1.2	
WS5034D4			460			8.3	31.8	E	14/4	85		4.8	
WS5037D4			575			6.6	22.8	E		80		7.4	
WS7532D4	7.5	3	230	1750	7.69	23.0	105.0	G	10/4	83	NA	0.7	225
WS7534D4			460			11.5	52.5	G		83		2.8	
WS7537D4			575			9.2	42.0	E		84		4.4	

MATERIALS OF CONSTRUCTION



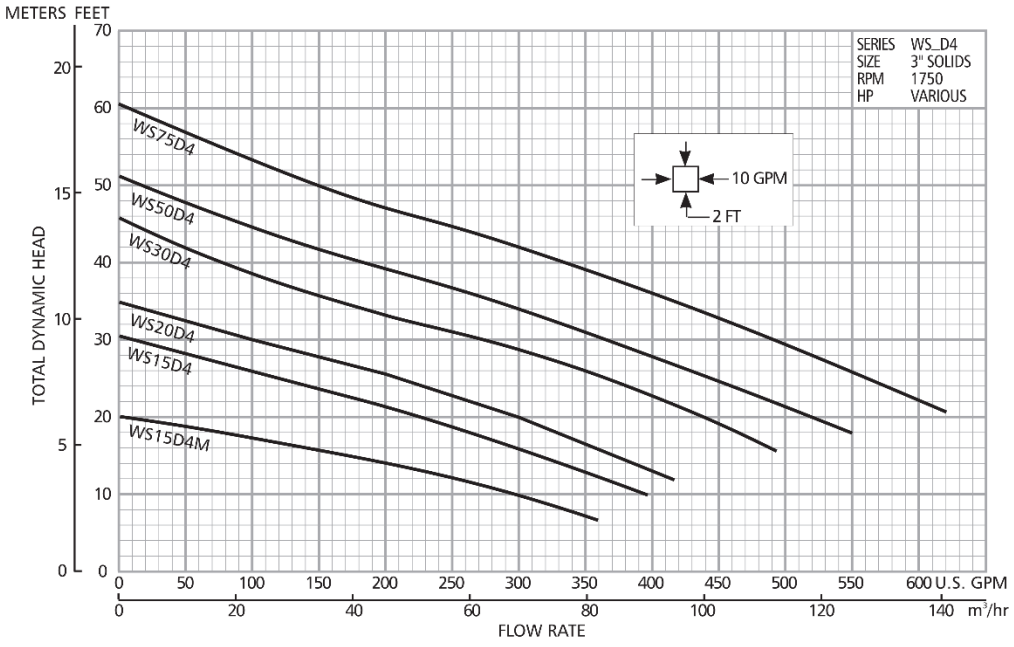
Item No.	Part Name	Material	
		Standard	Optional
1	Impeller, non-clog	1003	1179
2	Casing	1003	
3	Shaft–keyed	300 Series SS	
4	Fasteners	300 Series SS	
5	Ball bearings	Steel	
6	Power cable	STOW, 20 feet	Additional lengths
7	O-ring	BUNA-N	

8	Outer Mech. Seal	Service	Rotary	Stationary	Elastomers	Metal Parts
	OPT	Heavy duty	Silicon Carbide	Tungsten Carbide	BUNA-N	300 Series SS
	STD	Mild abrasives	Silicon carbide		BUNA-N	300 Series SS

Material Code	Engineering Standard
1003	Cast iron — ASTM A48 Class 30
1179	Silicon bronze — ASTM C87600

PERFORMANCE RATINGS (Gallons Per Minute)

Series No. ▶		WS15D4M	WS15D4	WS20D4	WS30D4	WS50D4	WS75D4
HP ▶		1½	1½	2	3	5	7½
RPM ▶		1750					
Total Head Feet of Water	10	300	395				
	15	170	320	370			
	20		230	300	440	520	
	25		120	205	365	440	
	30			100	270	360	510
	35				160	275	440
	40				80	175	355
	45					85	260
	50						155
	55						80

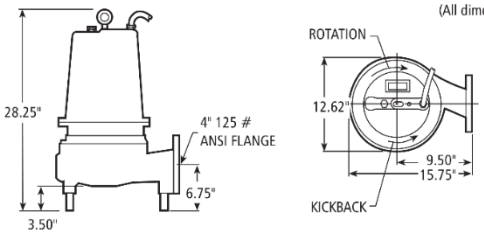


APPLICATION DATA AND CONSTRUCTION DETAILS

Maximum Solid Size		3"
Minimum Casing Thickness		3/16"
Casing Corrosion Allowance		1/8"
Maximum Working Pressure		30 PSI
Maximum Submergence		50 feet
Minimum Submergence		Fully submerged for continuous operation
		6" below top of motor for intermittent operation
Maximum Environmental Temperature		40" C (104" F) continuous operation, 60" C (140" F) intermittent operation
Power Cable – Type (See Motor Information for AWG data/size.)		Type SJTOW: single phase, 1½ and 2 HP
		Type STOW: single phase, 1½ – 3 HP and 5 HP, 460 V
		Type STOW: single phase, 3 and 5 HP, three phase 5 HP, 230 V and 7½ HP
Motor Cover, Bearing Housing, Seal Housing, Casing		Gray Cast Iron – ASTM A48, Class 30
Impeller – Standard, Optional		Gray Cast Iron – ASTM A48 or Cast Bronze – ASTM B584 C87600
Motor Shaft		AISI 300 Series Stainless Steel
Motor Design		NEMA 56 Frame, oil filled with Class F Insulation
Motor Overload Protection		Single phase: on winding thermal overload protection auto reset
		Three phase: requires Class 10 overloads in control panel
External Hardware		300 Series Stainless Steel
Impeller Type		Semi-open with pump out vanes on back shroud
Oil Capacity – Seal Chamber		1.5 quarts
Oil Capacity – Motor Chamber		1½-5 HP single and three phase: 7 quarts
		7½ HP three phase: 6.5 quarts
Mechanical Seals – Standard	Upper	Carbon/Ceramic; Type 21
	Lower	Silicon Carbide/Silicon Carbide; Type 31
Mechanical Seals – Optional Lower		Silicon Carbide/Tungsten Carbide; Type 31

DIMENSIONS

(All dimensions are in inches. Do not use for construction purposes.)



GOULDS PUMPS

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SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE.

B3888D4 March, 2006

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Appendix E

Phase I Environmental Site Assessment

PARTNER
Engineering and Science, Inc.

More Than Just Assessments.
Solutions.

PHASE I ENVIRONMENTAL SITE ASSESSMENT REPORT

Menlo and Imperial - Parking Lot

Southeast Corner of Menlo Avenue and West Imperial Highway
Hawthorne, California 90304

Report Date

December 3, 2024

Site Inspection Date

November 26, 2024

Partner Project No.

24-473325.1

Prepared for:

Architects Orange
144 North Orange Street
Orange, California 92866

Building Science | Environmental Consulting | Construction & Development | Energy & Sustainability

PARTNER

December 3, 2024

Mr. Tom Bergerson
Architects Orange
144 North Orange Street
Orange, California 92866

Subject: Phase I Environmental Site Assessment
Menlo and Imperial - Parking Lot
Southeast Corner of Menlo Avenue and West Imperial Highway
Hawthorne, California 90304
Partner Project No. 24-473325.1

Dear Mr. Bergerson:

Partner Engineering and Science, Inc. (Partner) is pleased to provide this Phase I Environmental Site Assessment (Phase I ESA) report of the abovementioned address (the "subject property"). This assessment was performed in conformance with the scope and limitations as detailed in the ASTM Practice E1527-21 Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process and Client Agreement.

This assessment included a site reconnaissance as well as research and interviews with representatives of the public, property ownership, site manager, and regulatory agencies. An assessment was made, conclusions stated, and recommendations outlined.

We appreciate your trust in Partner and the opportunity to provide environmental services to you. If you have any questions concerning this report, or if we can assist you in any other matter, please contact me at (714) 450-3189.

Sincerely,

Christy Kim
Relationship Manager

EXECUTIVE SUMMARY

Partner Engineering and Science, Inc. (Partner) has performed a Phase I Environmental Site Assessment (ESA) in accordance with the scope of work and limitations of ASTM Practice E1527-21, the Environmental Protection Agency Standards and Practices for All Appropriate Inquiries (AAI) (40 CFR Part 312) and set forth by Architects Orange for the property located at the southeast Corner Menlo Avenue and West Imperial Highway in Hawthorne, Los Angeles County, California (the "subject property"). The Phase I Environmental Site Assessment is designed to provide Architects Orange with an assessment concerning environmental conditions (limited to those issues identified in the report) as they exist at the subject property.

Property Description

The subject property is located on the southeast corner of the West Imperial Highway and Menlo Avenue intersection within a residential and commercial area of Los Angeles County. Please refer to the table below for a further description of the subject property:

SUBJECT PROPERTY DATA

Address(es):	Southeast Corner Menlo Avenue and West Imperial Highway, Hawthorne, California
Additional Current Address(es):	None Identified
Historical Address(es):	4120 West Imperial Highway; 876, 892, and 11410 Menlo Avenue
Property Use:	Commercial
Land Acreage (Ac):	0.40
Parcel Number:	4047-006-001 (4120 West Imperial Highway) and 4047-006-002 (11410 Menlo Avenue)
Site Assessment Performed By:	Ramil G. Reyes of Partner
Site Assessment Conducted On:	November 26, 2024
Regulatory Radius Report Date:	November 12, 2024
Lien Search Date:	N/A
Report Date:	December 3, 2024
FOIAs Date:	November 2024
Groundwater Flow Direction (Inferred):	South-southeast
Estimated Depth to Groundwater (Feet bgs):	37 to 42

The subject property is currently a vacant asphalt-paved lot. No onsite operations are present. In addition to the current structures, the subject property is also improved with drainage features, perimeter fencing, and storage shed.

According to available historical sources, the subject property was formerly undeveloped as early as 1896, developed residentially between 1924 and circa 1938; developed with commercial (including a gas

station) and residential structures between 1942 and circa 1985; remained commercial from 1990 through 2000; and developed with the current asphalt-paved storage lot with no structures by 2005 to Present. Tenants on the subject property under historical address 4120 West Imperial Highway have included RYAN D S GAS STA (1942); BOECK W G (1947); HOLIDAY SHELL SERVICE (1955); HEISICK SHELL SERV (1960); GENE SOUTHERNS (1964); SHELL SERV (1964); OGDON SHELL SERVICE (1966); GGW SERVICE CENTER (1971); WAGNER CARPET CO (1971); BORGES AUTO REPAIR (1978); J&G BODY&FENDER (1981); KIM DISCOUNT (1985); No Listing (1990-2000); and Vacant (Present).Tenants on the subject property under historical address 11410 Menlo Avenue have included CHILDRESS F (1964-1966); CHILDRESS FLORENCE (1971-1985); ARTIGA M E (1978); HERNANDEZ ELIAS (1978); ESTRADA GEO A (1981); CHILDRESS ANNE (1981-1985); BARBARA JONES (2008) and Vacant (Present). Tenants on the subject property under historical address 876 Menlo Avenue have included SNIDER R J (1933-1944); WILKINSON JOHN (1938); HALL FLORENCE E (1955); and BAKER WM J (1960). Tenants on the subject property under historical address 892 Menlo Avenue have included Vacant (1933) and Peterson Jessie Mrs (1938).

The adjoining properties are tabulated below:

ADJOINING PROPERTIES

Direction	Land Use/Occupant
North:	Vacant land across West Imperial Highway followed by the 105 Freeway
Northeast:	105 Freeway across West Imperial Highway
East:	Mattress Warehouse (4100 West Imperial Highway) and two single family residences (11409 and 11413 Oxford Avenue)
Southeast:	Apartments (11421 Oxford Avenue)
South:	Apartments (11420 Menlo Avenue)
Southwest:	Apartments (11423 Menlo Avenue) across Menlo Avenue
West:	Furniture Store (4156 West Imperial Highway), single-family residence (11405 Menlo Avenue) and Apartments (11413 Menlo Avenue) across Menlo Avenue
Northwest:	Vacant land across West Imperial Highway

Findings and Opinions

Recognized Environmental Condition

A recognized environmental condition (REC) refers to the presence of hazardous substances or petroleum products in, on, or at the subject property due to a release to the environment; the likely presence of hazardous substances or petroleum products in, on, or at the subject property due to a release or likely release to the environment; or the presence of hazardous substances or petroleum products in, on, or at the subject property under conditions that pose a material threat of a future release to the environment. The following was identified during the course of this assessment:

- Partner did not identify any RECs during the course of this assessment.

Controlled Recognized Environmental Condition

A controlled recognized environmental condition (CREC) refers to a REC affecting the subject property that has been addressed to the satisfaction of the applicable regulatory authority or authorities with hazardous substances or petroleum products allowed to remain in place subject to the implementation of required controls (for example, activity and use limitations or other property use limitations).

- Partner did not identify any CRECs during the course of this assessment.

Historical Recognized Environmental Condition

A historical recognized environmental condition (HREC) refers to a previous release of hazardous substances or petroleum products affecting the subject property that has been addressed to the satisfaction of the applicable regulatory authority or authorities and meeting unrestricted use criteria established by the applicable regulatory authority or authorities without subjecting the subject property to any controls (for example, activity and use limitations or other property use limitations).

- Based on the review of historical information, a former gasoline station appears to have been present on the north side of the subject property addressed as 4120 West Imperial Highway from at least 1942 to 1966 as evidenced by historical city directory listings that include "RYAN D S GAS STA" in 1942 and "SHELL" branded service station listings in 1955, 1960, 1964 and 1966 and a structure labeled "gas and oil" was also depicted on the north side of the subject property on a historical fire insurance map dated 1954. According to city directory listings, auto service-related listings, including repairs continued at the subject property until at least 1981. According to a review of Los Angeles County Department of Public Works (LACDPW) records, six steel gasoline storage tanks were removed from two separate excavations on the north side of the subject property (addressed as 4120 West Imperial Highway) in October 1987 by Mr. Gary Germain. Two 10,000 gallon fuel underground storage tanks (UST) were removed from the eastern tank excavation and one 3,000 gallon fuel UST, two 1,000 steel gasoline USTs, and one 280 gallon waste oil UST were removed from the western tank excavation. It was noted in a 1992 corrective application that two 1,000 steel gasoline USTs from the western tank excavation were removed in 1987 without a permit, prior to the removal of other four USTs and were not included in the 1987 original UST permit. An unauthorized release was noted during removal of westernmost tanks in the western excavation. Analysis of samples obtained from soil located two feet below the tanks confirmed that the unauthorized release was gasoline. The eastern excavation was backfilled. On November 18, 1987, four borings were established by hand auger in the bottom of the excavation to determine the vertical and lateral extent of contamination. Auger returns were screened for the presence of contamination based on visual observation and odor. One sample was obtained from each boring when visual observation and odor indicated that the limits of contamination had been reached. Field observations and the non-detection of total petroleum hydrocarbons (TPH) in the soil samples indicated that the plume extended no further than 18 foot total depth and approximately 2 feet beyond the walls of the southern half of the initial excavation. Based on these results, LACDPW gave verbal approval to perform site mitigation by removal and aeration of the contaminated soils. Contaminated soils were removed on December 15, 1987 on the basis of discoloration, odor, and presence of hydrocarbon vapors. The excavation was enlarged to the edges of both canopy supports and was extended to 19 feet total depth. A 4 feet by 8 feet area of discolored soil on the south wall immediately below the south canopy support was not removed due to the potential for undermining the canopy. Five soil samples were obtained from the enlarged excavation to determine remaining contaminant levels. Samples 1 thru 4 were obtained from the sidewalls and Sample 5 from the bottom of the excavation. The samples were analyzed for TPH. The non-detection of TPH in samples 1, 3, 4, and 5 indicate that the contaminated soils have been successfully removed from the bottom,

north, east, and west sidewalls of the excavation. The non-detection of petroleum hydrocarbons in Sample B2-D15 (obtained in the initial site assessment) indicated that the 4 feet by 8 feet area of discolored soil on the south wall was approximately 1 foot thick. The analysis of the composite soil sample obtained from this wall area, Sample 2, indicated that the discolored soil contained low levels of contamination (10 ppm) relative to the recommended state action levels (100 ppm). Field observations and the non-detection to low levels of TPH found in samples 1 thru 5 indicated that significant levels of contamination did not remain in the excavation and the aeration of the removed contaminated soils was completed. Upon approval of these mitigative efforts by the LACDPW, the excavation was backfilled with clean soil. Based on the information submitted, the LACDPW found that all closure requirements have been completed and concluded that no further action was required in a closure letter dated August 20, 1992 (note in 2005, the address on the closure letter was corrected from 4210 to 4120 West Imperial Highway). Based on the removal of the tanks and impacted soil, the analytical results, and the regulatory closure, the former gasoline station and USTs are considered a HREC in connection with the subject property and no further action is recommended.

Business Environmental Risk

A Business Environmental Risk (BER) is a risk which can have a material environmental or environmentally driven impact on the business associated with the current or planned use of commercial real estate, not necessarily related to those environmental issues required to be investigated in this practice.

- Partner did not identify any BERs during the course of this assessment.

Significant Data Gaps

No significant data gaps affecting the ability of the Environmental Professional to identify a REC were encountered during this assessment.

Conclusions and Recommendations

Partner has performed a Phase I Environmental Site Assessment in conformance with the scope and limitations of ASTM Practice E1527-21 of the property located at the southeast corner of Menlo Avenue and West Imperial Highway in Hawthorne, Los Angeles County, California (the “subject property”). Any exceptions to, or deletions from, this practice are described in Section 1.5 of this report.

This assessment has revealed no evidence of RECs, CRECs, or BERs in connection with the subject property; however, an HREC was identified. Based on the conclusions of this assessment, Partner recommends no further assessment at this time.

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FIGURES

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APPENDICES

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Appendix B: Historical/Regulatory Documentation
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Appendix D: Qualifications

ACRONYM LIST

Ac	Acre
AAI	All Appropriate Inquiries
AMSD	Approximate Minimum Search Distance
AOC	Area of Concern
ACM	Asbestos Containing Material
APN	Assessor Parcel Number
AST	Aboveground Storage Tank
AUL	Activity and Use Limitation
AIRS	Aerometric Information Retrieval System
AFS	Air Facility System
ALT FUELS	Alternate Fueling Stations
ASTM	American Society for Testing and Materials
BGS	Below Ground Surface
BER	Business Environmental Risk
BRS	EPA Biennial Reporting System
COC	Chemical of Concern
CREC	Controlled Recognized Environmental Condition
CDL	Clandestine Drug Lab
CERCLIS	Comprehensive Environmental Response, Compensation and Liability Information System
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act
CESQG	Conditionally Exempt Small Quantity Generator
CORRACTS	RCRA Corrective Action Sites
ERIS	Environmental Risk Information Services
ERNS	Emergency Response Notification System
ECHO	Enforcement and Compliance History Online
FRP	Fiberglass Reinforced Plastic
FIM	Fire Insurance Map
FOIA	Freedom of Information Action
FINDS	Facility Index Database System
FRS	Facility Registry Service
FRP	Facility Response Plan
FIFRA	Federal Insecticide, Fungicide, and Rodenticide Act
FUDS	Formally Used Defense Site
FTTS	FIFRA/TSCA Tracking System
FTTS INSP	Inspection Case Listing
FUSRAP	Formerly Utilized Sites Remedial Action Program
FEMA	Federal Emergency Management Agency
HUD	U.S. Department of Housing and Urban Development
HSWA	Hazardous and Solid Waste Amendments
HVAC	Heating, Ventilation and Air Conditioning
HREC	Historical Recognized Environmental Condition
IODI	Open Dumps on Indian Lands
IHW	Industrial Hazardous Waste
IC/EC or INST/ENG	Institutional Control/Engineering Control
ICIS	Integrated Compliance Information System
LUCIS	Land Use Control Information System U.S. Department of the Navy
LQG	Large Quantity Generator
LPST	Leaking Petroleum Storage Tank
LST	Leaking Storage Tank
LUST	Leaking Underground Storage Tank

LBP	Lead-Based Paint
MSL	Mean Sea Level
MMMP	Mold, Moisture, and Mitigation Plan
MGP	Manufactured Gas Plant
MINES	Mines Master Index File
MLTS	Material Licensing Tracking System
HMIRS	Hazardous Materials Information Reporting System
MRDS	Mineral Resource Data System
NPL	National Priorities List
NCDL	National Clandestine Drug Labs
NPDES	National Pollutant Discharge Elimination System
NFRAP	No Further Remedial Action Planned
NonGen	Non Generator
NonGen/NLR	Non Generator/No Longer Regulated
ND	None Detected
NESHAP	National Emission Standards for Hazardous Air Pollutants
NWI	National Wetlands Inventory
NFA	No Further Action
N/A	Not Applicable
NOV	Notice of Violation
NTC	Notice To Comply
NRC	Nuclear Regulatory Commission
ODI	Inventory of Open Dumps
OWS	Oil-Water Separator
OSHA	Occupational Safety and Health Administration
O&M	Operations and Maintenance
PTO	Permit to Operate
Phase I ESA	Phase I Environmental Site Assessment
pCi/L	picoCuries per Liter
PHMSA	Pipeline and Hazardous Materials Safety Administration
PCB	Polychlorinated Biphenyl
PACM	Presumed Asbestos Containing Material
PFAS	Perfluoroalkyl and Polyfluoroalkyl Substances
PFOA	perfluorooctanoic acid
PFOS	Perfluorooctane sulfonic acid
REFN	Petroleum Refineries
PRP	Potentially Responsible Party
PST	Petroleum Storage Tank
ROD	Record of Decision
RGA	Recovered Government Archive
RCRA	Resource Conservation and Recovery Act
RCRIS	Resource Conservation Recovery Information System
REC	Recognized Environmental Condition
SF	Square Foot/Feet
SSA	Superfund Alternative Agreement
SSTS	Section Seven Tracking System
SQG	Small Quantity Generator
SMCRA	Office of Surface Mining Reclamation and Enforcement
SWF/LF	Solid Waste Facility/Landfill
SWRCY	Solid Waste Recycling Facility
SCRD	State Coalition for the Remediation of Drycleaners
SHWS	State Hazardous Waste Sites

SEMS	Superfund Enterprise Management Site
TANKS	Aboveground and Unregulated Tanks
TRIS	Toxic Chemicals Release Inventory System
TSCA	Toxic Substances Control Act
TSDF	Transfer, Storage and Disposal Facility
USDOE	United States Department of Energy
USDOT	United States Department of Transportation
USEPA	United States Environmental Protection Agency
USFWS	United States Fish and Wildlife Service
USGS	United States Geological Survey
UST	Underground Storage Tank
UIC	Underground Injection Control
VEC	Vapor Encroachment Condition
VSQG	Very Small Quantity Generator
VCP	Voluntary Cleanup Program

1.0 INTRODUCTION

Partner Engineering and Science, Inc. (Partner) has performed a Phase I Environmental Site Assessment (ESA) in conformance with the scope and limitations of ASTM Practice E1527-21 and the Environmental Protection Agency Standards and Practices for All Appropriate Inquiries (AAI) (40 CFR Part 312) for the property located at the southeast corner of Menlo Avenue and West Imperial Highway in Hawthorne, Los Angeles County, California (the "subject property"). Any exceptions to, or deletions from, this scope of work are described in the report.

1.1 Purpose

The purpose of this ESA is to identify existing or potential Recognized Environmental Conditions (as defined by ASTM Standard E1527-21) affecting the subject property that: 1) constitute or result in a material violation or a potential material violation of any applicable environmental law; 2) impose any material constraints on the operation of the subject property or require a material change in the use thereof; 3) require clean-up, remedial action or other response with respect to Hazardous Substances or Petroleum Products on or affecting the subject property under any applicable environmental law; 4) may affect the value of the subject property; and 5) may require specific actions to be performed with regard to such conditions and circumstances. The information contained in the ESA Report will be used by Client to: 1) evaluate its legal and financial liabilities for transactions related to foreclosure, purchase, sale, loan origination, loan workout or seller financing; 2) evaluate the subject property's overall development potential, the associated market value and the impact of applicable laws that restrict financial and other types of assistance for the future development of the subject property; and/or 3) determine whether specific actions are required to be performed prior to the foreclosure, purchase, sale, loan origination, loan workout or seller financing of the subject property.

This ESA was performed to permit the User to satisfy one of the requirements to qualify for the innocent landowner, contiguous property owner, or bona fide prospective purchaser limitations on scope of Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) (42 U.S.C. §9601) liability (hereinafter, the "landowner liability protections," or "LLPs"). ASTM Standard E1527-21 constitutes "all appropriate inquiry into the previous ownership and uses of the property consistent with good commercial or customary practice" as defined at 42 U.S.C. §9601(35)(B).

1.2 Scope of Work

The scope of work for this ESA is in accordance with and to the extent necessary to achieve the goal of the requirements set forth in the ASTM Standard E1527-21. This assessment included: 1) a property and adjoining site reconnaissance; 2) interviews with key personnel; 3) a review of historical sources; 4) a review of regulatory agency records; and 5) a review of a regulatory database report provided by a third-party vendor. Partner contacted local agencies, such as environmental health departments, fire departments and building departments to obtain readily ascertainable information to determine any current and/or former hazardous substances usage, storage and/or releases of hazardous substances on the subject property. Additionally, Partner researched readily available information on the presence of activity and use limitations (AULs) at these agencies. As defined by ASTM E1527-21, AULs include both legal (that is, institutional) and physical (that is, engineering) controls that may include legal or physical restrictions or limitations on the use of, or access to, a site or facility: 1) to reduce or eliminate potential exposure to hazardous substances or petroleum products in the soil, soil vapor, groundwater, or surface water on the subject property; or 2) to prevent activities that could interfere with the effectiveness of a response action, in order to ensure maintenance of a condition of no significant risk to public health or the environment. These legal or physical restrictions, which may include institutional and/or engineering controls (IC/ECs), are intended to prevent adverse impacts to individuals or populations that may be

exposed to hazardous substances and petroleum products in the soil, soil vapor, groundwater, and/or surface water on a property.

If requested by Client, this report may also include the identification, discussion of, and/or limited sampling of asbestos-containing materials (ACMs), lead-based paint (LBP), mold, and/or radon.

1.3 Limitations

Partner warrants that the findings and conclusions contained herein were accomplished in accordance with the methodologies set forth in the Scope of Work. These methodologies are described as representing good commercial and customary practice for conducting an ESA of a property for the purpose of identifying recognized environmental conditions. There is a possibility that even with the proper application of these methodologies there may exist on the subject property conditions that could not be identified within the scope of the assessment or which were not reasonably identifiable from the available information. Partner believes that the information obtained from the record review and the interviews concerning the subject property is reliable. However, Partner cannot and does not warrant or guarantee that the information provided by these other sources is accurate or complete. The conclusions and findings set forth in this report are strictly limited in time and scope to the date of the evaluations. The conclusions presented in the report are based solely on the services described therein, and not on scientific tasks or procedures beyond the scope of agreed-upon services or the time and budgeting restraints imposed by the Client. No other warranties are implied or expressed.

Some of the information provided in this report is based upon personal interviews, and research of available documents, records, and maps held by the appropriate government and private agencies. This report is subject to the limitations of historical documentation, availability, and accuracy of pertinent records, and the personal recollections of those persons contacted.

This practice does not address requirements of any state or local laws or of any federal laws other than the all appropriate inquiry provisions of the LLPs. Further, this report does not intend to address all of the compliance and safety concerns, if any, associated with the subject property.

Environmental concerns, which are beyond the scope of a Phase I ESA as defined by ASTM include the following: ACMs, LBP, radon, and lead in drinking water. These issues may affect environmental risk at the subject property and may warrant discussion and/or assessment; however, are considered non-scope issues. If specifically requested by the Client, these non-scope issues are discussed in Section 6.3.

1.4 User Reliance

Architects Orange (herein referred to as Client) engaged Partner to perform this assessment in accordance with an agreement governing the nature, scope and purpose of the work as well as other matters critical to the engagement. All reports, both verbal and written, are for the sole use and benefit of Client. Either verbally or in writing, third parties may come into possession of this report or all or part of the information generated as a result of this work. In the absence of a written agreement with Partner granting such rights, no third parties shall have rights of recourse or recovery whatsoever under any course of action against Partner, its officers, employees, vendors, successors or assigns. Any such unauthorized user shall be responsible to protect, indemnify and hold Partner, Client and their respective officers, employees, vendors, successors and assigns harmless from any and all claims, damages, losses, liabilities, expenses (including reasonable attorneys' fees) and costs attributable to such Use. Unauthorized use of this report shall constitute acceptance of and commitment to these responsibilities, which shall be irrevocable and shall apply regardless of the cause of action or legal theory pled or asserted. Additional legal penalties may apply.

This report has been completed under specific Terms and Conditions relating to scope, relying parties, limitations of liability, indemnification, dispute resolution, and other factors relevant to any reliance on this

report. Any parties relying on this report do so having accepted the Terms and Conditions for which this report was completed. A copy of Partner's standard Terms and Conditions can be found at http://www.partneresi.com/terms-and-conditions.php.

1.5 Limiting Conditions

The findings and conclusions contain all the limitations inherent in these methodologies that are referred to in ASTM Practice E1527-21.

Specific limitations and exceptions to this ESA are more specifically set forth below:

- Interviews with past or current owners, operators and occupants were not reasonably ascertainable and thus constitute a data gap. Based on information obtained from other historical sources, this data gap is not expected to alter the findings of this assessment.
- Partner requested information relative to deed restrictions and environmental liens, a title search, and completion of the AAI User Questionnaire from the Report User. This information was not provided at the time of the assessment. This data gap is not expected to alter the findings of this assessment.
- Partner was unable to determine the property use at five-year intervals, which constitutes a data gap. Except for property tax files and recorded land title records, which were not considered to be sufficiently useful, Partner reviewed all standard historical sources and conducted appropriate interviews. This data gap is not expected to alter the findings of this assessment.
- Partner submitted Freedom of Information Act (FOIA) requests to the City of Hawthorne Building Department for information pertaining to hazardous substances, underground storage tanks, releases, inspection records, etc. for the subject property and/or adjoining properties. As of this writing, these agencies have not responded to Partner's request. Based on information obtained from other historical resources, this limitation is not expected to alter the overall findings of this assessment.

Due to time constraints associated with this report, the Client has requested the report despite the above-listed limitations.

2.0 SITE DESCRIPTION

2.1 Site Location and Legal Description

The subject property at located at the southeast corner of Menlo Avenue and West Imperial Highway. According to the Los Angeles County Assessor, the subject property is legally described as FAIRFAX PARK (EX OF STS) LOT 241 AND ALL OF LOT 242 (APN 4047-006-001) and FAIRFAX PARK LOT 243 (APN 4047-006-002). According to Client-provided information, ownership is currently vested in ZS Development Corp. since 2004.

Please refer to Figure 1: Site Location Map, Figure 2: Site Plan, Figure 3: Topographic Map, and Appendix A: Site Photographs for the location and site characteristics of the subject property.

2.2 Current Property Use

The subject property is currently a vacant asphalt-paved lot. No onsite operations are present. In addition to the current structures, the subject property is also improved with drainage features, perimeter fencing, and storage shed.

The subject property is designated for "CR" for commercial development by the City of Hawthorne Planning Department.

2.3 Current Use of Adjoining Properties

The subject property is located within a residential and commercial area of Los Angeles County. During the vicinity reconnaissance, Partner observed the land uses on adjoining properties as defined in ASTM Practice E1527-21 as any real property or properties the border of which is contiguous or partially contiguous with that of the property, or that would be contiguous or partially contiguous with that of the property but for a street, road, or other public thoroughfare separating them. The adjoining properties are tabulated below:

ADJOINING PROPERTIES

Direction	Land Use/Occupant
North:	Vacant land across West Imperial Highway followed by the 105 Freeway
Northeast:	105 Freeway across West Imperial Highway
East:	Mattress Warehouse (4100 West Imperial Highway) and two single family residences (11409 and 11413 Oxford Avenue)
Southeast:	Apartments (11421 Oxford Avenue)
South:	Apartments (11420 Menlo Avenue)
Southwest:	Apartments (11423 Menlo Avenue) across Menlo Avenue
West:	Furniture Store (4156 West Imperial Highway), single-family residence (11405 Menlo Avenue) and Apartments (11413 Menlo Avenue) across Menlo Avenue
Northwest:	Vacant land across West Imperial Highway

2.4 Physical Setting Sources

2.4.1 Topography

TOPOGRAPHIC DATA SUMMARY

Quadrangle Year:	2024
Quadrangle Name:	Inglewood, California
Source:	USGS 7.5 Minute Topographic Map
Elevation (Feet):	71
Slope Direction:	South
Slope Degree:	Gentle

A copy of the most recent topographic map is included as Figure 3 of this report.

2.4.2 Hydrology

While under natural and undisturbed conditions shallow groundwater flow most frequently follows the topography of the land surface, natural or man-made features can affect flow direction, and the presumed flow may not match the actual flow directions at the subject property and vicinity.

HYDROLOGY DATA SUMMARY

Groundwater Flow Direction:	South-southeast
Groundwater Flow Source:	A previous subsurface investigation conducted on a nearby property
Estimated Depth to Groundwater (Feet bgs):	37 to 42
Estimated Depth Source:	A previous subsurface investigation conducted on a nearby property
Closest Body of Surface Water Name:	Dominguez Channel
Closest Body of Surface Water Distance (Miles):	0.5 mile
Closest Body of Surface Water Direction:	Southeast
Water System Operator:	California Water Service (Cal Water)
Source of Drinking Water:	Surface water and groundwater. Water is supplied to the City of Hawthorne from one groundwater well and with purchased surface water from the Metropolitan Water District of Southern California (MWD), which is obtained from the Colorado River and the State Water Project in northern California.

2.4.3 Geology/Soils

GEOLOGY AND SOIL DATA SUMMARY

Physiographic Province:	The subject property is situated within the Transverse Ranges Physiographic Province of the State of California.
Geologic Unit Description:	The Transverse Ranges are an east-west trending series of steep mountain ranges and valleys. The east-west structure of the Transverse Ranges is oblique to the normal northwest trend of coastal California, hence the name "Transverse." The province extends offshore to include San Miguel, Santa Rosa, and Santa Cruz islands. Its eastern extension, the San Bernardino Mountains, has been displaced to the south along the San Andreas Fault. Intense north-south compression is squeezing the Transverse Ranges. As a result, this is one of the most rapidly rising regions on earth. Great thicknesses of Cenozoic petroleum-rich sedimentary rocks have been folded and faulted, making this one of the important oil producing areas in the United States.
Geologic Data Source:	United States Department of Agriculture (USDA) Natural Resources Conservation Service Web Soil Survey
Soil Series Name:	Urban Land- Windfetch-Typic Haploxerolls complex
Soil Series Description:	Urban Land complex are those soils in which the soil's original structure and content have been so altered by human activities it has lost its original characteristics and is thus unidentifiable. Urban soils consist of nearly level to moderately steep areas where the soils have been altered or obscured by urban works and structures. Buildings and pavement cover more than 85 percent of the surface. Included in this unit in mapping are many small areas where the original soil material has been disturbed by construction and areas where fill has been added.
Additional Information:	Slopes of 0 to 2 percent.

2.4.4 Flood Zone Information

FLOOD ZONE DATA SUMMARY

Source:	Federal Emergency Management Agency
Community Panel No.	06037C1790F

FLOOD ZONE DATA SUMMARY

FIRM Date:	September 26, 2008
Zone Designation:	Zone X (unshaded); defined as minimal risk areas outside the 1-percent and 0.2-percent-annual-chance floodplains.

A copy of the reviewed flood map is included in Appendix B of this report.

3.0 HISTORICAL INFORMATION

Partner obtained historical use information about the subject property from a variety of sources. A chronological listing of the historical data found is summarized in the table below:

HISTORICAL USE INFORMATION

Years	Resource	Description/Use
1896	Topographic Maps	Unimproved Land
1924-1938	Topographic Maps, Aerial Photographs, Fire Insurance Maps	Residential
1942-1985	Topographic Maps, Aerial Photographs, Fire Insurance Maps, City Directories	Commercial and residential
1990-2000	Topographic Maps, Aerial Photographs, Fire Insurance Maps, City Directories	Commercial
2005-Present	Topographic Maps, Aerial Photographs, Fire Insurance Maps, City Directories, Assessor Records	Asphalt-paved storage lot

Tenants on the subject property under historical address 4120 West Imperial Highway have included RYAN D S GAS STA (1942); BOECK W G (1947); HOLIDAY SHELL SERVICE (1955); HEISICK SHELL SERV (1960); GENE SOUTHERNS (1964); SHELL SERV (1964); OGDON SHELL SERVICE (1966); GGW SERVICE CENTER (1971); WAGNER CARPET CO (1971); BORGES AUTO REPAIR (1978); J&G BODY&FENDER (1981); KIM DISCOUNT (1985); No Listing (1990-2000); and Vacant (Present).Tenants on the subject property under historical address 11410 Menlo Avenue have included CHILDRESS F (1964-1966); CHILDRESS FLORENCE (1971-1985); ARTIGA M E (1978); HERNANDEZ ELIAS (1978); ESTRADA GEO A (1981); CHILDRESS ANNE (1981-1985); BARBARA JONES (2008) and Vacant (Present). Tenants on the subject property under historical address 876 Menlo Avenue have included SNIDER R J (1933-1944); WILKINSON JOHN (1938); HALL FLORENCE E (1955); and BAKER WM J (1960). Tenants on the subject property under historical address 892 Menlo Avenue have included Vacant (1933) and Peterson Jessie Mrs (1938).

Potential environmental concerns were identified in association with the former use of the subject property, as further discussed in Section 4.0.

3.1 Aerial Photograph Review

Partner obtained available aerial photographs of the subject property and surrounding area from Environmental Risk Information Services (ERIS) on November 13, 2024. The inferred uses of the subject property and adjoining properties as interpreted from the aerial photographs in Appendix B are tabulated below:

Date:	**1928, 1938**	Scale:	1"=500'
Subject Property:	Appears to be developed with a residence and garage on the north side and a residence and garage on the south side		
North:	Appears to be vacant land beyond West Imperial Highway		
Northeast:	Appears to be residential beyond West Imperial Highway		

East:	Appears to be residential
Southeast:	Appears to be residential
South:	Appears to be residential
Southwest:	Appears to be residential beyond Menlo Avenue
West:	Appears to be residential beyond Menlo Avenue
Northwest:	Appears to be vacant land beyond West Imperial Highway

Date: **1947**	Scale: 1”=500’
Subject Property:	Appears to be still developed with a residence and garage on the south side; however, there appears to be a possible service station on the north side
North:	No significant changes visible
Northeast:	No significant changes visible
East:	No significant changes visible
Southeast:	No significant changes visible
South:	No significant changes visible
Southwest:	No significant changes visible
West:	No significant changes visible
Northwest:	No significant changes visible

Date: **1952**	Scale: 1”=500’
Subject Property:	Appears to be still developed with a residence and garage on the south side; however, the north-central side appears to be developed with a commercial structure
North:	Appears to be residential beyond West Imperial Highway
Northeast:	Appears to be vacant land beyond West Imperial Highway
East:	No significant changes visible
Southeast:	No significant changes visible
South:	No significant changes visible
Southwest:	No significant changes visible
West:	Appears to be developed with commercial and residential structures across Menlo Avenue
Northwest:	No significant changes visible

Date: **1963, 1972, 1982, 1986**	Scale: 1”=500’
Subject Property:	No significant changes visible with the exception that a canopy or covered area is present on the north side

North:	Appears to be commercially developed beyond West Imperial Highway
Northeast:	Appears to be commercially developed beyond West Imperial Highway
East:	Appears to be developed with commercial and residential structures
Southeast:	No significant changes visible
South:	No significant changes visible
Southwest:	No significant changes visible
West:	No significant changes visible
Northwest:	Appears to be commercially developed beyond West Imperial Highway

Date: **1994**	Scale: 1”=500’
Subject Property:	Appears to be still developed with a commercial structure with a canopy on the north side; however, the south side appears to be vacant
North:	Appears to be vacant land followed by the 105 freeway beyond West Imperial Highway
Northeast:	Developed with the 105 freeway beyond West Imperial Highway
East:	Appears to be developed with commercial and residential structures
Southeast:	Appears to be developed with residences and apartment buildings
South:	Appears to be developed with an apartment building
Southwest:	Appears to be developed with apartment buildings across Menlo Avenue
West:	Appears to be developed with residential and commercial structures across Menlo Avenue
Northwest:	Appears to be vacant land followed by the 105 freeway beyond West Imperial Highway

Date: **2005, 2009, 2010, 2012, 2014, 2016, 2018, 2020, 2024**	Scale: 1”=500’
Subject Property:	Appears to be an asphalt-paved lot used for vehicle storage
North:	No significant changes visible
Northeast:	No significant changes visible
East:	No significant changes visible
Southeast:	No significant changes visible
South:	No significant changes visible
Southwest:	No significant changes visible
West:	No significant changes visible
Northwest:	No significant changes visible

Copies of select aerial photographs are included in Appendix B of this report.

3.2 Fire Insurance Maps

Partner reviewed the collection of Fire insurance maps (FIMs) from ERIS on November 12, 2024. The following inferred uses of the subject property and adjoining properties interpreted from the FIMs in Appendix B are tabulated below:

Date:	**1927**
Subject Property:	Developed with a residential dwelling (892 Menlo Avenue) on the north side and a residential dwelling an auto garage (876 Menlo Avenue) on the south side
North:	No coverage provided on map
Northeast:	No coverage provided on map
East:	Developed with residential dwellings and associated garages
Southeast:	Developed with residential dwellings and associated garages
South:	Developed with residential dwellings and associated garages
Southwest:	Developed with residential dwellings and associated garages across Menlo Avenue
West:	Developed with residential dwellings and associated garages across Menlo Avenue
Northwest:	No coverage provided on map

Date:	**1938**
Subject Property:	No significant changes noted except the address 11400 Menlo was added
North:	No significant changes noted
Northeast:	No significant changes noted
East:	Developed with residential dwellings and associated garages and a gas station
Southeast:	No significant changes noted
South:	No significant changes noted
Southwest:	No significant changes noted
West:	No significant changes noted
Northwest:	No significant changes noted

Date:	**1954**
Subject Property:	A residential dwelling and auto garage (876 Menlo Avenue) on the south side; the north side appears to be developed with two small rectangular

	structures with the larger one labeled "gas and oil" (addressed as 4120 West Imperial Highway); the central portion of the site is vacant land (11410 Menlo Avenue). The city of Hawthorne and the County of Los Angeles boundary line bisects the central portion of the site.
North:	No significant changes noted
Northeast:	No significant changes noted
East:	Developed with residential dwellings and associated garages and a furniture warehouse
Southeast:	No significant changes noted
South:	No significant changes noted
Southwest:	No significant changes noted
West:	Developed with residential dwellings and associated garages and a furniture warehouse
Northwest:	No significant changes noted

The north side of the subject property appears to have been developed with a gas station as depicted in the 1954 map. A gas station was identified on the east adjoining property (See Section 3.3).

Copies of reviewed FIMs are included in Appendix B of this report.

3.3 City Directories

Partner reviewed historical city directories obtained from ERIS on November 21, 2024 for past names and businesses that were listed for the subject property and adjoining properties. The findings are tabulated below:

SUBJECT PROPERTY SUMMARY

City Directory Search for 876 Menlo Ave (Subject Property)	
Year(s)	**Occupant Listed**
1933	Snider R J
1938	Snider R J, Wilkinson John
1942	Snider R J
1955	Hall Florence E
1960	Baker Wm J

City Directory Search for 892 Menlo Ave (Subject Property)	
Year(s)	**Occupant Listed**
1933	Vacant
1938	Peterson Jessie Mrs

City Directory Search for 11410 Menlo Ave (Subject Property)	
Year(s)	**Occupant Listed**
1964	Childress F
1966	Childress F
1971	Childress Florence
1978	Artiga M E, Hernandez Elias, Childress Florence
1981	Estrada Geo A, Childress Anne, Childress Florence
1985	Childress Anne, Childress Florence
2008	Barbara Jones

City Directory Search for 4120 W Imperial Hwy (Subject Property)	
Year(s)	**Occupant Listed**
1942	Ryan D S Gas Sta
1947	Boeck W G
1955	Holiday Shell Service
1960	Heisick Shell Serv
1964	Shell Serv, Gene Southerns
1966	Ogdon Shell Service
1971	Wagner Carpet Co, Ggw Service Center
1978	Borges Auto Repair
1981	J&g Body&fender
1985	Kim Discount
1990	Xxxx
1995	Xxxx
2000	Xxxx

According to the city directory review, the subject property has been occupied by commercial tenants, including auto service-related facilities (4120 West Imperial Highway) from 1942 to at least 1981 and residential tenants (876, 892, and 11410 Menlo Avenue) from 1933 to 2008. Please refer to Section 4.2 for further discussion.

ADJOINING PROPERTY SUMMARY

City Directory Search for 867 Menlo Ave (Adjoining Property)	
Year(s)	**Occupant Listed**

1933	Vacant
1938	Sarsar Jacob
1942	Sarsar Jacob
1955	Sarsar J, England Harriet
1960	Sarsar J, England Harriet

City Directory Search for 875 Menlo Ave (Adjoining Property)

Year(s)	**Occupant Listed**
1933	Wilkinson John
1942	Wilkinson John
1955	Wilkinson J E
1960	Wilkinson J E
1964	Building, Renaud R, Goyen O V, Whiteaker Jas F Mrs

City Directory Search for 11405 Menlo Ave (Adjoining Property)

Year(s)	**Occupant Listed**
1960	1/2 Bomba Anthony C, Kavanagh Marguerite
1964	Brown R E, Quinn Patrick T
1966	Building, Denney C, Taylor W W
1971	Dickey Robt J, Epstein Eli E, Shepherd Miles L, Cutco Cutlry Dist
1978	Lilly Raymond, Tello Apolinar
1981	Neuyen Em U, Nguyen Khanh T
1985	Lekhien V, Nguyen Khanh T, Martinez Yolanda
1990	Ruiz Juana
1995	Xxxx
2000	Xxxx
2008	Bernard L Stidhum
2011	Kari Neighbors
2016	Glenda Quarker
2020	Glenda Quarker
2023	Glenda Quarker

City Directory Search for 11413 Menlo Ave (Adjoining Property)

Year(s)	Occupant Listed
1964	Building
1966	Building, Cobb P E, Sharp W J, Harper R L
1971	Hope C I
1978	Le Dung, Hope C I, Martinez a G
1981	Hope C I, Medo Viaho, Espinosa Felix
1985	Lowery C, Tye John T, Jones Diane
1990	Xxxx
2000	Medo Vlaho
2011	Nicole Wilson, Charmon Wilson, Michael Wilson, Roosevelt Wilson, Charmon Arterberry
2023	Monica Garcia

City Directory Search for 11420 Menlo Ave (Adjoining Property)

Year(s)	Occupant Listed
1964	Way Edw D
1966	Watson H B
1971	Watson Hugh B
1978	Helm Annie W
1981	Helm Annie W
1985	Helm Annie W
1990	Olloqui Juan Manuel
1995	Howard Andrew, Howard Supreme
2000	Leon Jose, Durm George, Thomas Terry, Howard Andrew, Howard Supanee, Tsvilik Michael
2008	Sharon D Miller, Andrew & Supranee Howard
2011	D Furrowh, K Furrowh, Jane Jones, Marcia Hubbard
2016	D Furrowh, John Montoya, Kenneth Furrowh, Gabriela Montoya
2020	D Furrowh, Gabriela Montoya
2023	D Furrowh, Gabriela Montoya

City Directory Search for 11423 Menlo Ave (Adjoining Property)

Year(s)	Occupant Listed

1964	Building, Klumpp J A, Holland v L, Santiago a E, Westcott C R, Trimarchi a J
1966	Cook A, Building, Brancato J, Klumpp J A, Trimarchi a J
1971	Klumpp John A, Trimarchi a J, Mccrickerd John
1978	Trimarchi a J, Nguyen Sang Van, Parque Richard C, Pham Menh Nguyen
1981	Woods Geo W, Parque Richard C
1985	Minor G, Lisboa Marrianne, Parque Richard C, Ferrera Nicholai B
1990	Nguyen Khanh T, Valadez Gabino
1995	Valadez Gabino
2003	Gabino Valadez
2008	George Durm, Frances H Finar
2011	Tameka Ballou, Lacresha Williams
2016	Ella Williams, Thomas Williams
2020	Ella Williams, Thomas Williams
2023	Ella Williams, Thomas Williams

City Directory Search for 11432 Menlo Ave (Adjoining Property)

Year(s)	**Occupant Listed**
1964	Nicholson J G
1966	Nicholson J G, (1/2), Soutiea M
1971	Pierce Kathleen T
1981	Xxxx
1985	Xxxx
1990	Rivera Delfina, Villareal Jesus
1995	Coronado Cesar
2000	Apartments, Cortez Ana, Gallegos David, Morales Jose J, Ouijano Johnny, Lozano Joaquina, Martinez Yesenia
2003	Cesar Coronado
2008	M Hale, V Davis, Johnny Quijano, Jose J Morales
2011	Dion Brown, Jose Borjan, Jose Godinez, Maria Godinez, Fernando Sanchez
2016	M Hale, M Godinez, Dion Brown, Jose Godinez, Walter Ramirez
2020	M Hale, Dion Brown, Jose Godinez, Walter Ramirez
2023	M Hale, Dion Brown, Jose Godinez, Walter Ramirez

City Directory Search for 11407 Oxford Ave (Adjoining Property)

Year(s)	Occupant Listed
1990	Salas Carlos
1995	Xxxx
2000	Samayoa Saul, Samayoa Alfredo
2008	Alfredo Samayoa
2011	Hugo Quintanilla
2016	Jairon Samayoa, Sandra Samayoa, Alfredo Samayoa, Migdael Samayoa
2020	Alfredo Samayoa
2023	Alfredo Samayoa

City Directory Search for 11409 Oxford Ave (Adjoining Property)

Year(s)	Occupant Listed
1955	Murphy C L
1960	Dumars Joseph M
1964	Dumars Joseph M
1966	Dumars Joseph M
1971	Dumars Jos M
1978	Dumars Jos M
1981	Xxxx
1985	Xxxx
1990	Xxxx
1995	Satellite Serv Grp
2000	Doyle Michael
2011	Imelda Doyle, Gabriel Doyle, Matthew Doyle, Michael Doyle
2016	Francis Doyle, Matthew Doyle, Michael Doyle
2020	Francis Doyle, Matthew Doyle
2023	Francis Doyle, Matthew Doyle

City Directory Search for 11413 Oxford Ave (Adjoining Property)

Year(s)	Occupant Listed
1966	Zimmer B
1971	Zimmer Bernard

1978	Sheridan Peggy, Zimmer Bernard
1981	Xxxx
1985	Xxxx
1990	Meraz Olivia
1995	Olmedo Teresa A, Angulo Olmedo Mar
2000	Aguilar Feliciano
2003	Maria a Olmedo
2011	Juana Perez
2023	Feliciano Aguilar

City Directory Search for 11421 Oxford Ave (Adjoining Property)

Year(s)	**Occupant Listed**
1971	Campbell Dan
1978	Cobb Gordon, Erena Roberto
1981	Erena Roberto, Romero Eduardo F
1985	Romero Eduardo F
1990	Xxxx
1995	Cruz Edvin A
2000	Willis Ann, Turner Cheryl
2008	Ann Willis
2011	N Equite, V Equite, Ann Willis, Wagner Equite
2016	Ann Willis
2020	Ann Willis
2023	Ann Willis

City Directory Search for 4100 W Imperial Hwy (Adjoining Property)

Year(s)	**Occupant Listed**
1933	Gladwin P H Gas Sta
1938	George Raleigh Gas Sta
1947	Parker C L, Quaintance R S
1950	Foster J W, Paul's Furniture, Sel Tess Clnrs & Dyers
1955	Holiday Furniture Co
1960	Holiday Furn Co, Holiday Furniture Co

1964	Rex Purchasing Serv, Holiday Furniture Co
1966	Holiday Furn Co, Holiday Furniture Co
1971	Holiday Furn Co
1978	Mancino Vacuum, Mancino Mntnc Co, Mancino Carpet Clng
1981	Mancino Mntnc Co, Singer Co Mancino
1985	Dons Vacuum, Dons Maintenance
1990	Wongpum Lingerie, Super Discount Furn
1995	N&b Furniture
2000	N&b Furniture, Mancino Vincent
2003	N & B Furniture
2008	N & B Furniture
2011	N & B Furniture
2016	N & B Furniture, Half Price Mattress
2020	Half Price Mattress
2023	Half Price Mattress

City Directory Search for 4156 W Imperial Hwy (Adjoining Property)

Year(s)	**Occupant Listed**
1955	Pauls New Used Furn
1960	Pauls Furn New Used
1964	Pauls Furn New Used
1966	Pauls Furniture
1971	Pauls Furniture, Paul Furn New&used
1978	Xxxx
1981	Casa Deroyal, Casa Deroyal Frntr
1985	Impal Plumbing&hdwr
1990	Carpet Home
1995	Total Furniture
2000	Total Furniture
2003	Total Furniture
2008	Total Furniture
2011	Total Furniture
2016	Total Furniture

2020	Total Furniture
2023	Total Furniture

According to the city directory review, the adjoining properties have been occupied by residential and commercial tenants, including auto service-related facilities. A gas station was identified on the east adjoining property in the 1933 and 1938 city directories. This former gas station was not identified in the ERIS database report or in regulatory records indicating a release. Based on the lack of listings indicating a release and cross-gradient direction, the former adjoining gas station is not expected to have created an environmental concern to the subject property.

Copies of reviewed city directories are included in Appendix B of this report.

3.4 Historical Topographic Maps

Partner reviewed historical topographic maps obtained from ERIS on November 12, 2024. The following inferred uses of the subject property and adjoining properties interpreted from topographic maps in Appendix B and are tabulated below:

Date: **1896**	
Subject Property:	Depicted as undeveloped land
North:	Depicted as undeveloped land
Northeast:	Depicted as undeveloped land
East:	Depicted as developed with residence
Southeast:	Depicted as undeveloped land followed by a roadway
South:	Depicted as undeveloped land followed by a roadway
Southwest:	Depicted as undeveloped land followed by a roadway
West:	Depicted as undeveloped land
Northwest:	Depicted as undeveloped land

Date: **1924**	
Subject Property:	Depicted as developed with a residence on the southwest side
North:	Depicted as developed with a residence across West Imperial Highway
Northeast:	No significant changes depicted
East:	Depicted as developed with residences
Southeast:	Depicted as developed with a residence
South:	No significant changes depicted
Southwest:	Depicted as developed with a residence across Menlo Avenue

West:	Depicted as developed with a residence across Menlo Avenue
Northwest:	Depicted as developed with a residence across West Imperial Highway

Date: **1930**	
Subject Property:	Depicted as developed with two small structures interpreted as residences and garages
North:	Depicted as vacant land across West Imperial Highway
Northeast:	Depicted as vacant land across West Imperial Highway
East:	No significant changes depicted
Southeast:	No significant changes depicted
South:	No significant changes depicted
Southwest:	No significant changes depicted
West:	Depicted as vacant land across Menlo Avenue
Northwest:	No significant changes depicted

Date: **1944, 1948, 1950, 1952, 1964, 1972, 1981**	
Subject Property:	Shaded to depict urban development
North:	Shaded to depict urban development
Northeast:	Shaded to depict urban development
East:	Shaded to depict urban development
Southeast:	Shaded to depict urban development
South:	Shaded to depict urban development
Southwest:	Shaded to depict urban development
West:	Shaded to depict urban development
Northwest:	Shaded to depict urban development

Date: **2015, 2018, 2021**	
Subject Property:	No site-specific features are depicted
North:	Only roadways and/or water bodies are shown and no site-specific features are depicted
Northeast:	Only roadways and/or water bodies are shown and no site-specific features are depicted
East:	Only roadways and/or water bodies are shown and no site-specific features are depicted

Southeast:	Only roadways and/or water bodies are shown and no site-specific features are depicted
South:	Only roadways and/or water bodies are shown and no site-specific features are depicted
Southwest:	Only roadways and/or water bodies are shown and no site-specific features are depicted
West:	Only roadways and/or water bodies are shown and no site-specific features are depicted
Northwest:	Only roadways and/or water bodies are shown and no site-specific features are depicted

Copies of reviewed topographic maps are included in Appendix B of this report.

4.0 REGULATORY RECORDS REVIEW

4.1 Regulatory Agencies

State Department

REGULATORY AGENCY DATA

Name of Agency:	California Environmental Protection Agency (CalEPA)
Point of Contact:	https://calepa.ca.gov/
Agency Address:	1001 I Street, Sacramento, California 95814
Agency Phone Number:	916-323-2514
Date of Contact:	November 22, 2024
Method of Communication:	Online Research

Summary of Communication:

No records regarding hazardous substance use, storage or releases, or the presence of USTs and AULs on the subject property were on file with the CalEPA.

Health Department

REGULATORY AGENCY DATA

Name of Agency:	County of Los Angeles Department of Public Works (LACDPW)
Point of Contact:	https://pw.lacounty.gov/epd/OpenFileReview/
Agency Address:	900 S. Fremont Ave., Annex Bldg 3rd Floor, Alhambra, CA 91803,
Agency Phone Number:	626-458-3517
Date of Contact:	November 22, 2024
Method of Communication:	Email

Summary of Communication:

According to records reviewed, the subject property (4120 West Imperial Highway) is identified in the LACDPW UST database under File name: Gary Germain (File Number 013410-013756) and is listed as removed. Partner requested the file from LACDPW and pertinent information is summarized below.

According to a review of Los Angeles County Department of Public Works (LACDPW) records, six steel gasoline storage tanks were removed from two separate excavations on the north side of the subject property (addressed as 4120 West Imperial Highway) in October 1987 by Mr. Gary Germain. Two 10,000 gallon fuel underground storage tanks (UST) were removed from the eastern tank excavation and one 3,000 gallon fuel UST, two 1,000 steel gasoline USTs, and one 280 gallon waste oil UST were removed from the western tank excavation. It was noted in a 1992 corrective application that two 1,000 steel gasoline USTs from the western tank excavation were removed in 1987 without a permit, prior to the removal of other four USTs and were not included in the 1987

original UST permit. An unauthorized release was noted during removal of westernmost tanks in the western excavation. Analysis of samples obtained from soil located two feet below the tanks confirmed that the unauthorized release was gasoline. The eastern excavation was backfilled. On November 18, 1987, four borings were established by hand auger in the bottom of the excavation to determine the vertical and lateral extent of contamination. Auger returns were screened for the presence of contamination based on visual observation and odor. One sample was obtained from each boring when visual observation and odor indicated that the limits of contamination had been reached. Field observations and the non-detection of total petroleum hydrocarbons (TPH) in the soil samples indicated that the plume extended no further than 18 foot total depth and approximately 2 feet beyond the walls of the southern half of the initial excavation. Based on these results, LACDPW gave verbal approval to perform site mitigation by removal and aeration of the contaminated soils. Contaminated soils were removed on December 15, 1987 on the basis of discoloration, odor, and presence of hydrocarbon vapors. The excavation was enlarged to the edges of both canopy supports and was extended to 19 feet total depth. A 4 feet by 8 feet area of discolored soil on the south wall immediately below the south canopy support was not removed due to the potential for undermining the canopy. Five soil samples were obtained from the enlarged excavation to determine remaining contaminant levels. Samples 1 thru 4 were obtained from the sidewalls and Sample 5 from the bottom of the excavation. The samples were analyzed for TPH. The non-detection of TPH in samples 1, 3, 4, and 5 indicate that the contaminated soils have been successfully removed from the bottom, north, east, and west sidewalls of the excavation. The non-detection of petroleum hydrocarbons in Sample B2-D15 (obtained in the initial site assessment) indicated that the 4 feet by 8 feet area of discolored soil on the south wall was approximately 1 foot thick. The analysis of the composite soil sample obtained from this wall area, Sample 2, indicated that the discolored soil contained low levels of contamination (10 ppm) relative to the recommended state action levels (100 ppm). Field observations and the non-detection to low levels of TPH found in samples 1 thru 5 indicated that significant levels of contamination did not remain in the excavation and the aeration of the removed contaminated soils was completed. Upon approval of these mitigative efforts by the LACDPW, the excavation was backfilled with clean soil. Based on the information submitted, the LACDPW found that all closure requirements have been completed and concluded that no further action was required in a closure letter dated August 20, 1992 (note in 2005, the address on the closure letter was corrected from 4210 to 4120 West Imperial Highway). Based on the removal of the tanks and impacted soil, the analytical results, and the regulatory closure, the former gasoline station and USTs are considered a HREC.

Fire Department

REGULATORY AGENCY DATA

Name of Agency:	Los Angeles County Fire Department (LACFD), Health Hazardous Materials Division
Point of Contact:	https://www.fire.lacounty.gov/hhmd/hhmd-records-request/
Agency Address:	1320 N Eastern Avenue, Los Angeles, California 90063
Agency Phone Number:	(323) 881-2411
Date of Contact:	November 22, 2024
Method of Communication:	Online Request Form

Summary of Communication:

No records regarding hazardous substance use, storage or releases, or the presence of USTs and AULs on the subject property were on file with the LACFD.

Building Department

REGULATORY AGENCY DATA

Name of Agency:	City of Hawthorne Building and Safety
Point of Contact:	https://www.cityofhawthorne.org/departments/building-safety
Agency Address:	4455 West 126th Street, Hawthorne, California 90250
Agency Phone Number:	310-349-2990
Date of Contact:	November 22, 2024
Method of Communication:	Email

Summary of Communication:

As of the date of this report, Partner has not received a response from the Building and Safety Department for inclusion in this report.

Planning Department

REGULATORY AGENCY DATA

Name of Agency:	City of Hawthorne Planning Department
Point of Contact:	https://www.cityofhawthorne.org/departments/planning
Agency Address:	4455 West 126th Street, Hawthorne, California 90250
Agency Phone Number:	(310) 349-2970
Date of Contact:	November 22, 2024
Method of Communication:	Online Research

Summary of Communication:

According to the City of Hawthorne Planning Department records reviewed, the subject property is currently zoned CR (Regional Commercial). The land use type is listed as commercial.

Oil & Gas Exploration

REGULATORY AGENCY DATA

Name of Agency:	California Geologic Energy Management Division (CalGEM)
Point of Contact:	https://maps.conservation.ca.gov/doggr/wellfinder
Agency Address:	801 K Street, MS 12-30, Sacramento, California
Agency Phone Number:	(916) 445-1825
Date of Contact:	November 22, 2024
Method of Communication:	Online Research

Summary of Communication:

According to CalGEM, no oil or gas wells are located on or adjoining to the subject property.

Assessor's Office

REGULATORY AGENCY DATA

Name of Agency:	Los Angeles County Assessor (LACA)
Point of Contact:	http://maps.assessor.lacounty.gov
Agency Address:	500 West Temple Street, Room 225, Los Angeles, California 90012
Agency Phone Number:	(213) 974-2111
Date of Contact:	November 22, 2024
Method of Communication:	Online Research

Summary of Communication:

According to records reviewed, the subject property is identified by Assessor Parcel Numbers (APNs) 4047-006-001 (4120 West Imperial Highway) and 4047-006-002 (11410 Menlo Avenue). The current condition for both parcels was listed as "open storage" in 1998 and totals 16,550 square feet. No other information regarding property ownership, building and utility information for the subject property was on file with the LACA.

Air Pollution Control Agency

REGULATORY AGENCY DATA

Name of Agency:	South Coast Air Quality Management District (SCAQMD)
Point of Contact:	http://www3.aqmd.gov/webappl/fim/prog/search.aspx
Agency Address:	21865 Copley Drive, Diamond Bar, California 91765
Agency Phone Number:	(909) 396-2000
Date of Contact:	November 22, 2024
Method of Communication:	Online Research

Summary of Communication:

Gary A. Germain at 4120 West Imperial Highway, was listed as Facility ID 12541. The status is listed as active. Noe equipment is listed. No Notices of Violation (NOV) or Notices to Comply (NTC) were listed.

No other Permits to Operate (PTO), NOV, or NTC or the presence of AULs, dry cleaning machines, or USTs were on file for the subject property with the SCAQMD.

Regional Water Quality Agency

REGULATORY AGENCY DATA

Name of Agency:	Los Angeles Regional Water Quality Control Board (LARWQCB)

Point of Contact:	http://geotracker.waterboards.ca.gov/
Agency Address:	1001 I Street, Sacramento, California 95814
Agency Phone Number:	866-480-1028
Date of Contact:	November 22, 2024
Method of Communication:	Online Research

Summary of Communication:

No records regarding hazardous substance use, storage or releases, or the presence of USTs and AULs on the subject property were on file with the LARWQCB.

Department of Toxic Substances Control

REGULATORY AGENCY DATA

Name of Agency:	Department of Toxic Substances Control
Point of Contact:	https://www.envirostor.dtsc.ca.gov/public/; https://hwts.dtsc.ca.gov/report_search
Agency Address:	1001 I Street, Sacramento, California 95814
Agency Phone Number:	800-618-6942
Date of Contact:	November 22, 2024
Method of Communication:	Online Research

Summary of Communication:

The EnviroStor database is the DTSC's data management system for tracking cleanup, permitting, enforcement, and investigation efforts at hazardous waste facilities and sites with known contamination or sites where there may be reason to investigate further. No records were identified for the subject property address on the EnviroStor database. The DTSC Hazardous Waste Tracking System (HWTS) was researched for hazardous waste manifest data submitted to the California DTSC. The following listing was identified for the subject property:

Facility ID: CAC000040667- 1X GARY GERMAIN

Address: 4120 West Imperial Highway

Issued: 10/5/1987

Status: INACTIVE (expired: 10/25/2000)

Manifest Data: None Available

Copies of pertinent documents are included in Appendix B of this report.

4.2 Mapped Database Records Search

The regulatory database report provided by ERIS documents the listing of sites identified on federal, state, county, city, and tribal (when applicable) standard source environmental databases within the approximate minimum search distance (AMSD) specified by ASTM Practice E1527-21. The data from these sources are updated as these data are released and integrated into one database. The information contained in this report was compiled from publicly available sources.

The environmental database information is used to identify environmental concerns in connection with the subject property. The listings also serve to identify the known indications of the storage, use, generation, disposal, or release of hazardous substance at the subject property and the potential for contaminants to migrate onto the subject property from off-site sources in groundwater or soil in the form of liquids or vapor.

Using the ASTM definition of migration, Partner considers the migration of hazardous substances or petroleum products in any form onto the subject property during the evaluation of each site listed on the radius report, which includes solid, liquid, and vapor.

4.2.1 Regulatory Database Summary

The following table lists the sites as categorized by the regulatory database within the prescribed AMSD. The locations of the sites are plotted utilizing a geographic information system, which geocodes the site addresses. The accuracy of the geocoded locations is approximately +/-300 feet.

DATABASE REPORT DATA

Database	AMSD Radius (mile)	Listings Identified		
		Subject Property	Adjoining Properties	Surrounding Area Sites of Concern
Federal NPL	1.00	N	N	N
Delisted NPL Site	0.50	N	N	N
Federal SEMS Site	0.50	N	N	N
Federal SEMS-ARCHIVE	0.50	N	N	N
Federal RCRA CORRACTS Facility	1.00	N	N	N
Federal RCRA TSDF Facility	0.50	N	N	N
Federal RCRA Generators Site (LQG, SQG, VSQG, CESQG)	Subject and Adjoining	N	N	N
Federal IC/EC Registries	Subject Property	N	N	N
Federal ERNS Site	Subject Property	N	N	N
Federal PFAS Facility	0.50	N	N	N
State/Tribal Equivalent NPL	1.00	N	N	N
State/Tribal Equivalent CERCLIS	1.00	N	N	N
State/Tribal Landfill/Solid Waste	0.50	N	N	N

Disposal Site				
State/Tribal Leaking Storage Tank Site (LUST/LPST)	0.50	N	N	N
State/Tribal Registered Storage Tank Sites (UST/AST)	Subject and Adjoining	**Y**	N	N
State/Tribal IC/EC Registries	Subject and Adjoining	N	N	N
State/Tribal Voluntary Cleanup Sites (VCP)	0.50	N	N	N
State/Tribal Spills	0.25	N	N	N
Federal Brownfield Sites	0.50	N	N	N
State Brownfield Sites	0.50	N	N	N
State PFAS Facility	0.50	N	N	N
HAZNET	Subject Property	**Y**	N	N
HIST MANIFEST	Subject Property	**Y**	N	N
HMS LA	0.25	**Y**	N	N

4.2.2 Subject Property Listings

The subject property was identified as a Handlers from Hazardous Waste Manifest Data (HAZNET), Historical Hazardous Waste Manifest Data (HIST MANIFEST), Statewide Environmental Evaluation and Planning System (UST SWEEPS), and Los Angeles County Hazardous Materials System (HMS LA) site, as discussed below:

SUBJECT PROPERTY DATABASE LISTING

Database:	HAZNET, HIST MANIFEST, HMS LA, UST SWEEPS
Site Name:	1X GARY GERMAIN/GARY GERMAIN
Address:	4120 West Imperial Highway
Discussion:	The data in the HAZNET and HIST MANIFEST databases are extracted from hazardous waste manifests of handlers received annually by the California Department of Toxic Substances Control (DTSC), including historic hazardous waste manifests. The facility is listed as inactive with a create date listed as 10/5/1987 and an inactive date listed as 10/25/2000. Records show that 3.33 tons of waste oil and mixed oil were listed in a historical hazardous waste manifest in 1987. No violations were noted on record. The HMS LA database is

a list of sites in the Los Angeles County Department of Public Works Hazardous Materials System (HMS) Database which have or have had permits for Industrial Waste, Underground Storage Tanks, or Stormwater in the county of Los Angeles. There was one listing for the subject property under File No. 013756 and File Name: GARY GERMAIN and with a status listed as "Equipment Removed". The Permit Type, Permit Status, and Permit Category were not reported. The UST Statewide Environmental Evaluation and Planning System (SWEEPS) database is a historical listing of active and inactive underground storage tanks made available by the California State Water Resources Control Board (SWRCB). The listing has an active status with the jurisdiction being Los Angeles County and the Agency listed as the Waste Management Department. Based on the review of historical information sources, a former gasoline station appears to have been present on the north side of the subject property addressed as 4120 West Imperial Highway from at least 1942 to 1966 as evidenced by historical city directory listings that include "RYAN D S GAS STA" in 1942 and "SHELL" branded service station listings in 1955, 1960, 1964 and 1966 and a structure labeled "gas and oil" was also depicted on the north side of the subject property on a historical fire insurance map dated 1954. According to city directory listings, auto service-related listings, including repairs continued at the subject property until at least 1981. As discussed in Section 4.1, six gasoline storage tanks were removed from two separate excavations at the north side of the subject property in 1987. LACDPW issued closure on August 20, 1992. Accordingly, the former gasoline station and USTs are considered a HREC.

4.2.3 Adjoining Property Listings

No adjoining properties were identified in the regulatory database report.

Based on the findings, vapor migration is not considered an environmental concern at this time.

4.2.4 Surrounding Area Listings of Sites of Concern

No sites of concern are identified in the regulatory database report.

Based on the findings, vapor migration is not considered an environmental concern at this time.

4.2.5 Unplottable Listings

No unplottable listings of concern are identified in the regulatory database report.

A copy of the regulatory database report is included in Appendix C of this report.

5.0 USER PROVIDED INFORMATION AND INTERVIEWS

In order to qualify for one of the *Landowner Liability Protections (LLPs)* offered by the Small Business Liability Relief and Brownfields Revitalization Act of 2001 (the *Brownfields Amendments*), the *User* must conduct the following inquiries required by 40 CFR 312.25, 312.28, 312.29, 312.30, and 312.31. The *User* should provide the following information to the *environmental professional*. Failure to provide this information could result in a determination that *all appropriate inquiries* is not complete. The *User* is asked to provide information or knowledge of the following:

- Review Title and Judicial Records for Environmental Liens and AULs
- Specialized Knowledge or Experience of the User
- Actual Knowledge of the User
- Reason for Significantly Lower Purchase Price
- Commonly Known or *Reasonably Ascertainable* information
- Degree of Obviousness
- Reason for Preparation of this Phase I ESA

Fulfillment of these user responsibilities is key to qualification for the identified defenses to CERCLA liability. Partner requested our Client to provide information to satisfy User Responsibilities as identified in Section 6 of the ASTM guidance.

Pursuant to ASTM Practice E1527-21, Partner requested the following site information from Architects Orange (User of this report).

USER RESPONSIBILITIES

Item	Provided By User
AAI User Questionnaire	Yes
Title Records, Environmental Liens, and AULs	No
Specialized Knowledge	No
Actual Knowledge	No
Valuation Reduction for Environmental Issues	No
Identification of Key Site Manager	Yes
Reason for Performing Phase I ESA	Yes
Prior Environmental Reports	No

5.1 Interviews

5.1.1 Interview with Owner

The owner of the subject property since 2004, identified as ZS Development Corp., was not available to be interviewed at the time of the assessment.

5.1.2 Interview with Report User

Please refer to Section 5.2 below for information requested from the Report User. The information requested was not received prior to the issuance of this report. Because the Report User (Client) is a lender, it is understood that the Report User would not have knowledge of the property that would

significantly impact our ability to satisfy the objectives of this assessment. The lack of this information is not considered to represent a significant data gap.

5.1.3 Interview with Key Site Manager

Ms. Zeina Awad, key site manager, indicated that they had no information pertaining to any pending, threatened, or past litigation relevant to hazardous substances or petroleum products in, on, or from the subject property; any pending, threatened, or past administrative proceedings relevant to hazardous substances or petroleum products in, on, or from the subject property; or any notices from a governmental entity regarding any possible violation of environmental laws or possible liability relating to hazardous substances or petroleum products.

The key site manager further stated that there are no USTs, ASTs, clarifiers, oil/water separators, groundwater monitoring wells, or hazardous substance use/storage/generation on the subject property to the best of their knowledge.

5.1.4 Interviews with Past Owners, Operators and Occupants

Interviews with past owners, operators, and occupants were not conducted since information regarding the potential for contamination at the subject property was obtained from other sources.

5.2 User Provided Information

5.2.1 Title Records, Environmental Liens, and AULs

Partner was not provided with title records or environmental lien and AUL information for review as part of this assessment.

5.2.2 Specialized Knowledge

No specialized knowledge of environmental conditions associated with the subject property was provided by the User at the time of the assessment.

5.2.3 Actual Knowledge of the User

No actual knowledge of any environmental lien or AULs encumbering the subject property or in connection with the subject property was provided by the User at the time of the assessment.

5.2.4 Valuation Reduction for Environmental Issues

No knowledge of valuation reductions associated with the subject property was provided by the User at the time of the assessment.

5.2.5 Commonly Known or Reasonably Ascertainable Information

The User did not provide information that is commonly known or reasonably ascertainable within the local community about the subject property at the time of the assessment.

5.2.6 Previous Reports and Other Provided Documentation

No previous reports or other pertinent documentation was provided to Partner for review during the course of this assessment.

6.0 SITE RECONNAISSANCE

The weather at the time of the site visit was sunny and clear. Refer to Section 1.5 for limitations encountered during the field reconnaissance and Sections 2.1 and 2.2 for subject property operations. The table below provides the site assessment details:

SITE ASSESSMENT DATA

Site Assessment Performed By:	Ramil G. Reyes
Site Assessment Conducted On:	November 26, 2024

The table below provides the subject property personnel interviewed during the field reconnaissance:

SITE VISIT PERSONNEL FOR SOUTHEAST CORNER OF MENLO AVENUE AND WEST IMPERIAL HIGHWAY (SUBJECT PROPERTY)

Name	Title/Role	Contact Number	Site Walk*
Zeina Awad	Property Manager	(310) 863-1273	Yes

* Accompanied Partner during the field reconnaissance activities and provided information pertaining to the current operations and maintenance of the subject property

No potential environmental concerns were identified during the onsite reconnaissance.

6.1 General Site Characteristics

6.1.1 Solid Waste Disposal

Solid waste is not currently generated onsite. No evidence of illegal dumping of solid waste was observed during the Partner site reconnaissance.

6.1.2 Sewage Discharge and Disposal

Sanitary discharges are not currently generated at the subject property. Sanitary discharges were formerly directed into the municipal sanitary sewer system. The City of Hawthorne services the subject property vicinity. No wastewater treatment facilities were observed or reported on the subject property. No septic systems were observed or reported on the subject property.

6.1.3 Stormwater and Surface Water Drainage

Stormwater is removed from the subject property primarily by sheet flow action across the paved surfaces towards stormwater drains and concrete swales located on the property. On-site stormwater drains discharge to municipal owned and maintained storm sewer system. No drywells were identified on the subject property.

6.1.4 Source of Heating and Cooling

Based on the lack of onsite structures, no heating or cooling sources were observed onsite.

6.1.5 Wells and Cisterns

No aboveground evidence of wells or cisterns was observed during the site reconnaissance.

6.1.6 Wastewater

Domestic wastewater generated at the subject property is disposed by means of the sanitary sewer system. No industrial processes are currently performed at the subject property.

6.1.7 Septic Systems

No septic systems were observed or reported on the subject property.

6.1.8 Additional Site Observations

No additional general site characteristics were observed during the site reconnaissance.

6.2 Potential Environmental Hazards

6.2.1 Hazardous Substances and Petroleum Products Used or Stored at the Site

No evidence of the use of reportable quantities of hazardous substances was observed on the subject property.

6.2.2 Aboveground & Underground Hazardous Substance or Petroleum Product Storage Tanks (ASTs/USTs)

No evidence of current or former ASTs or USTs was observed during the site reconnaissance. However, USTs were formerly located onsite associated with a historical gas station on the north side of the subject property. Please see Section 4.2 for further details on the historical onsite USTs.

6.2.3 Evidence of Releases

No spills, stains, or other indications that a surficial release has occurred at the subject property were observed.

6.2.4 Polychlorinated Biphenyls (PCBs)

No potential PCB-containing equipment (transformers, oil-filled switches, hoists, lifts, dock levelers, hydraulic elevators, etc.) was observed on the subject property during Partner's reconnaissance.

6.2.5 Strong, Pungent or Noxious Odors

No strong, pungent or noxious odors were evident during the site reconnaissance.

6.2.6 Pools of Liquid

No pools of liquid were observed on the subject property during the site reconnaissance.

6.2.7 Drains, Sumps and Clarifiers

No drains, sumps, or clarifiers, other than those associated with storm water removal, were observed on the subject property during the site reconnaissance.

6.2.8 Pits, Ponds and Lagoons

No pits, ponds, or lagoons were observed on the subject property.

6.2.9 Stressed Vegetation

No stressed vegetation was observed on the subject property.

6.2.10 Additional Potential Environmental Hazards and Emerging Contaminants

Partner evaluated the current subject property use during the site reconnaissance for potential environmental hazards, including Per- and Polyfluoroalkyl Substances (PFAS) impacts to the subject property. Based on the site observations, likely PFAS impacts to the subject property based on current use were not identified. Based on this information, PFAS are not considered an environmental concern at this time.

No additional environmental hazards, including landfill activities or radiological hazards, were observed.

6.3 Non-ASTM Services

6.3.1 Asbestos-Containing Materials (ACMs)

Asbestos is the name given to a number of naturally occurring, fibrous silicate minerals mined for their useful properties such as thermal insulation, chemical and thermal stability, and high tensile strength. The Occupational Safety and Health Administration (OSHA) regulation 29 CFR 1926.1101 requires certain construction materials to be presumed to contain asbestos, for purposes of this regulation. All thermal system insulation (TSI), surfacing material, and asphalt/vinyl flooring that are present in a building that have not been appropriately tested are “presumed asbestos-containing material” (PACM).

Based on the lack of onsite structures, ACMs were not considered within the scope of this assessment.

6.3.2 Lead-Based Paint (LBP)

Lead is a highly toxic metal that affects virtually every system of the body. LBP is defined as any paint, varnish, stain, or other applied coating that has 1 mg/cm2 (or 5,000 µg/g or 0.5% by weight) or more of lead. Congress passed the Residential Lead-Based Paint Hazard Reduction Act of 1992, also known as “Title X,” to protect families from exposure to lead from paint, dust, and soil. Under Section 1017 of Title X, intact LBP on most walls and ceilings is not considered a “hazard,” although the condition of the paint should be monitored and maintained to ensure that it does not become deteriorated. Further, Section 1018 of this law directed the Housing and Urban Development (HUD) and the US EPA to require the disclosure of known information on LBP and LBP hazards before the sale or lease of most housing built before 1978.

Due to the lack of onsite structures, LBP was not considered within the scope of this assessment.

6.3.3 Radon

Radon is a colorless, odorless, naturally occurring, radioactive, inert, gaseous element formed by radioactive decay of radium (Ra) atoms. The US EPA has prepared a map to assist National, State, and local organizations to target their resources and to implement radon-resistant building codes. The map divides the country into three Radon Zones, according to the table below:

EPA RADON ZONES

EPA Zones	Average Predicted Radon Levels	Potential
Zone 1	Exceed 4.0 pCi/L	Highest
Zone 2	Between 2.0 and 4.0 pCi/L	Moderate
Zone 3	Less than 2.0 pCi/L	Low

It is important to note that the EPA has found homes with elevated levels of radon in all three zones, and the US EPA recommends site-specific testing in order to determine radon levels at a specific location. However, the map does give a valuable indication of the propensity of radon gas accumulation in structures.

Review of the US EPA Map of Radon Zones places the subject property in Zone 2. Based upon the radon zone classification, radon is not considered an environmental concern.

6.3.4 Lead in Drinking Water

LEAD IN DRINKING WATER SUMMARY

Water System Operator:	California Water Service (Cal Water)

LEAD IN DRINKING WATER SUMMARY

Source of Drinking Water:	Surface water and groundwater. Water is supplied to the City of Hawthorne from one groundwater well and with purchased surface water from the Metropolitan Water District of Southern California (MWD), which is obtained from the Colorado River and the State Water Project in northern California.
Year of Annual Water Quality Report:	2023
Compliance Status:	Water supplied is in compliance with all State and Federal regulations pertaining to drinking water standards for lead.

Water sampling was not conducted to verify water quality.

6.3.5 Mold

Molds are microscopic organisms found virtually everywhere, indoors and outdoors. Mold will grow and multiply under the right conditions, needing only sufficient moisture (e.g.in the form of very high humidity, condensation, or water from a leaking pipe, etc.) and organic material (e.g., ceiling tile, drywall, paper, or natural fiber carpet padding).

Based on the lack of onsite structures, mold growth and water damage was not considered within the scope of this assessment.

6.3.6 Wetlands

The subject property does not appear to be a designated wetland area based on information obtained from the United States Fish and Wildlife Service; however, a comprehensive wetlands survey would be required in order to formally determine actual wetlands on the subject property. No settling ponds, lagoons, surface impoundments, wetlands or natural catch basins were observed at the subject property during this assessment.

6.4 Adjoining Property Reconnaissance

The adjoining property reconnaissance consisted of observing the adjoining properties from the subject property premises.

6.4.1 Hazardous Substances and Petroleum Products Used or Stored at the Site

No hazardous substances or petroleum products were observed on adjoining properties during the limited adjoining property reconnaissance.

6.4.2 ASTs/USTs for Hazardous Substances or Petroleum Products

No ASTs or USTs for hazardous substances/petroleum products were observed on adjoining properties during the limited adjoining property reconnaissance.

6.4.3 Evidence of Releases

No evidence of a release was observed on adjoining properties during the limited adjoining property reconnaissance.

6.4.4 PCBs

No PCB containing materials were observed on adjoining properties during the limited adjoining property reconnaissance.

6.4.5 Strong, Pungent, or Noxious Odors

No strong, pungent, or noxious odors were observed on adjoining properties during the limited adjoining property reconnaissance.

6.4.6 Pools of Liquid

No pools of liquid were observed on adjoining properties during the limited adjoining property reconnaissance.

6.4.7 Drains, Sumps, and Clarifiers

No drains, sumps, or clarifiers were observed on adjoining properties during the limited adjoining property reconnaissance.

6.4.8 Pits, Ponds, and Lagoons

No pits, ponds, or lagoons were observed on adjoining properties during the limited adjoining property reconnaissance.

6.4.9 Stressed Vegetation

No stressed vegetation was observed on adjoining properties during the limited adjoining property reconnaissance.

6.4.10 Additional Potential Environmental Hazards and Emerging Contaminants

Partner evaluated the current adjoining property use/uses during the site reconnaissance for potential environmental hazards, including PFAS impacts to the subject property. Based on observations made from the subject property borders, likely emerging contaminants and/or PFAS impacts to the subject property from current adjoining property use/uses were not identified. Based on this information, PFAS are not considered an environmental concern.

No additional environmental hazards were observed on adjoining properties during the limited adjoining property reconnaissance.

7.0 VAPOR ENCROACHMENT CONDITIONS

Partner conducted a limited non-intrusive vapor screening on the subject property to identify, to the extent feasible, the potential for vapor encroachment conditions (VECs) in connection with the subject property. This included consideration of chemicals of concern (COC) that may migrate as vapors into the subsurface of the subject property as a result of contaminated soil and groundwater on or near the property.

This screening utilized readily available data sources previously discussed in this Phase I ESA that includes:

- the physical setting of the subject property (Section 2.4),
- standard historical sources for the subject property, adjoining, and surrounding area (Section 3.0),
- known or potentially contaminated sites as identified from information from regulatory agencies and sites on Federal, State, tribal and local databases (Section 4.0), and
- information from the site reconnaissance (Section 6.0) of the subject property and observations of the surrounding properties.

The results of our data collection, reconnaissance, and analysis are tabulated below:

POTENTIAL FOR VAPOR ENCROACHMENT TO IMPACT THE SUBJECT PROPERTY

Area of Concern	Likely or Known VEC to Subject Property
Subject Property Existing Operations or Conditions (Sections 2.0 and 6.0)	None identified that impact the subject property.
Historical Uses of the Subject Property (Section 3.0)	Based on historical review information, a former onsite gas station was present on the subject property; however, the case received regulatory case closure with no further action required.
Adjoining Property Operations or Existing Conditions (Sections 2.3 and 6.4)	None identified that impact the subject property.
Historical Uses of Adjoining Properties or Nearby Properties (Section 3.0)	None identified that impact the subject property.
Regulatory Review of sites identified on Federal, State, tribal and Local Environmental Databases which were located in the AMSD (Section 4.0)	None identified that impact the subject property.

Based on the findings of the limited non-intrusive vapor screening, vapor intrusion is not likely to be an issue of concern in connection with the subject property. As such, additional assessment is not recommended at this time.

8.0 FINDINGS AND CONCLUSIONS

Findings and Opinions

Recognized Environmental Condition

A recognized environmental condition (REC) refers to the presence of hazardous substances or petroleum products in, on, or at the subject property due to a release to the environment; the likely presence of hazardous substances or petroleum products in, on, or at the subject property due to a release or likely release to the environment; or the presence of hazardous substances or petroleum products in, on, or at the subject property under conditions that pose a material threat of a future release to the environment. The following was identified during the course of this assessment:

- Partner did not identify any RECs during the course of this assessment.

Controlled Recognized Environmental Condition

A controlled recognized environmental condition (CREC) refers to a REC affecting the subject property that has been addressed to the satisfaction of the applicable regulatory authority or authorities with hazardous substances or petroleum products allowed to remain in place subject to the implementation of required controls (for example, activity and use limitations or other property use limitations).

- Partner did not identify any CRECs during the course of this assessment.

Historical Recognized Environmental Condition

A historical recognized environmental condition (HREC) refers to a previous release of hazardous substances or petroleum products affecting the subject property that has been addressed to the satisfaction of the applicable regulatory authority or authorities and meeting unrestricted use criteria established by the applicable regulatory authority or authorities without subjecting the subject property to any controls (for example, activity and use limitations or other property use limitations).

- Based on the review of historical information, a former gasoline station appears to have been present on the north side of the subject property addressed as 4120 West Imperial Highway from at least 1942 to 1966 as evidenced by historical city directory listings that include "RYAN D S GAS STA" in 1942 and "SHELL" branded service station listings in 1955, 1960, 1964 and 1966 and a structure labeled "gas and oil" was also depicted on the north side of the subject property on a historical fire insurance map dated 1954. According to city directory listings, auto service-related listings, including repairs continued at the subject property until at least 1981. According to a review of Los Angeles County Department of Public Works (LACDPW) records, six steel gasoline storage tanks were removed from two separate excavations on the north side of the subject property (addressed as 4120 West Imperial Highway) in October 1987 by Mr. Gary Germain. Two 10,000 gallon fuel underground storage tanks (UST) were removed from the eastern tank excavation and one 3,000 gallon fuel UST, two 1,000 steel gasoline USTs, and one 280 gallon waste oil UST were removed from the western tank excavation. It was noted in a 1992 corrective application that two 1,000 steel gasoline USTs from the western tank excavation were removed in 1987 without a permit, prior to the removal of other four USTs and were not included in the 1987 original UST permit. An unauthorized release was noted during removal of westernmost tanks in the western excavation. Analysis of samples obtained from soil located two feet below the tanks confirmed that the unauthorized release was gasoline. The eastern excavation was backfilled. On November 18, 1987, four borings were established by hand auger in the bottom of the excavation to determine the vertical and lateral extent of contamination. Auger returns were screened for the presence of contamination based on visual observation and odor. One sample was obtained from each boring when visual observation and odor indicated

that the limits of contamination had been reached. Field observations and the non-detection of total petroleum hydrocarbons (TPH) in the soil samples indicated that the plume extended no further than 18 foot total depth and approximately 2 feet beyond the walls of the southern half of the initial excavation. Based on these results, LACDPW gave verbal approval to perform site mitigation by removal and aeration of the contaminated soils. Contaminated soils were removed on December 15, 1987 on the basis of discoloration, odor, and presence of hydrocarbon vapors. The excavation was enlarged to the edges of both canopy supports and was extended to 19 feet total depth. A 4 feet by 8 feet area of discolored soil on the south wall immediately below the south canopy support was not removed due to the potential for undermining the canopy. Five soil samples were obtained from the enlarged excavation to determine remaining contaminant levels. Samples 1 thru 4 were obtained from the sidewalls and Sample 5 from the bottom of the excavation. The samples were analyzed for TPH. The non-detection of TPH in samples 1, 3, 4, and 5 indicate that the contaminated soils have been successfully removed from the bottom, north, east, and west sidewalls of the excavation. The non-detection of petroleum hydrocarbons in Sample B2-D15 (obtained in the initial site assessment) indicated that the 4 feet by 8 feet area of discolored soil on the south wall was approximately 1 foot thick. The analysis of the composite soil sample obtained from this wall area, Sample 2, indicated that the discolored soil contained low levels of contamination (10 ppm) relative to the recommended state action levels (100 ppm). Field observations and the non-detection to low levels of TPH found in samples 1 thru 5 indicated that significant levels of contamination did not remain in the excavation and the aeration of the removed contaminated soils was completed. Upon approval of these mitigative efforts by the LACDPW, the excavation was backfilled with clean soil. Based on the information submitted, the LACDPW found that all closure requirements have been completed and concluded that no further action was required in a closure letter dated August 20, 1992 (note in 2005, the address on the closure letter was corrected from 4210 to 4120 West Imperial Highway). Based on the removal of the tanks and impacted soil, the analytical results, and the regulatory closure, the former gasoline station and USTs are considered a HREC in connection with the subject property and no further action is recommended.

Business Environmental Risk

A Business Environmental Risk (BER) is a risk which can have a material environmental or environmentally driven impact on the business associated with the current or planned use of commercial real estate, not necessarily related to those environmental issues required to be investigated in this practice.

- Partner did not identify any BERs during the course of this assessment.

Significant Data Gaps

No significant data gaps affecting the ability of the Environmental Professional to identify a REC were encountered during this assessment.

Conclusions and Recommendations

Partner has performed a Phase I Environmental Site Assessment in conformance with the scope and limitations of ASTM Practice E1527-21 of the property located at the southeast corner of Menlo Avenue and West Imperial Highway in Hawthorne, Los Angeles County, California (the “subject property”). Any exceptions to, or deletions from, this practice are described in Section 1.5 of this report.

This assessment has revealed no evidence of RECs, CRECs, or BERs in connection with the subject property; however, an HREC was identified. Based on the conclusions of this assessment, Partner recommends no further assessment at this time.

9.0 SIGNATURES OF ENVIRONMENTAL PROFESSIONALS

Partner has performed a Phase I Environmental Site Assessment of the property located at the southeast corner of Menlo Avenue and West Imperial Highway in Hawthorne, Los Angeles County, California in conformance with the scope and limitations of the protocol and the limitations stated earlier in this report. Exceptions to or deletions from this protocol are discussed earlier in this report.

By signing below, Partner declares that, to the best of our professional knowledge and belief, we meet the definition of *Environmental Professional* as defined in §312.10 of 40 CFR §312. Partner has the specific qualifications based on education, training, and experience to assess a *property* of the nature, history, and setting of the subject *property*. Partner has developed and performed the all appropriate inquiries in conformance with the standards and practices set forth in 40 CFR Part 312.

Reviewed By:



Heather Hodgetts
Environmental Professional

10.0 REFERENCES

American Society for Testing and Materials, Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process, ASTM Designation: E1527-21

Environmental Risk Information Services (ERIS), City Directory, Fire Insurance Maps, Historic Aerials, Physical Setting Report, Radius Report, Topographic Maps, November 2024

Federal Emergency Management Agency, Federal Insurance Administration, National Flood Insurance Program, Flood Insurance Map, accessed via the internet, November 2024

United States Department of Agriculture, Natural Resources Conservation Service, Web Soil Survey, accessed via the internet, November 2024

United States Environmental Protection Agency, EPA Map of Radon Zones (Document EPA-402-R-93-071), accessed via the internet, November 2024

United States Fish and Wildlife Service, National Wetlands Inventory, accessed via the internet, November 2024

United States Geological Survey, accessed via the internet, November 2024

United States Geological Survey Topographic Map Inglewood, California, 7.5-minute series, accessed via the internet, November 2024

FIGURES

1: Site Location Map

2: Site Plan

3: Topographic Map



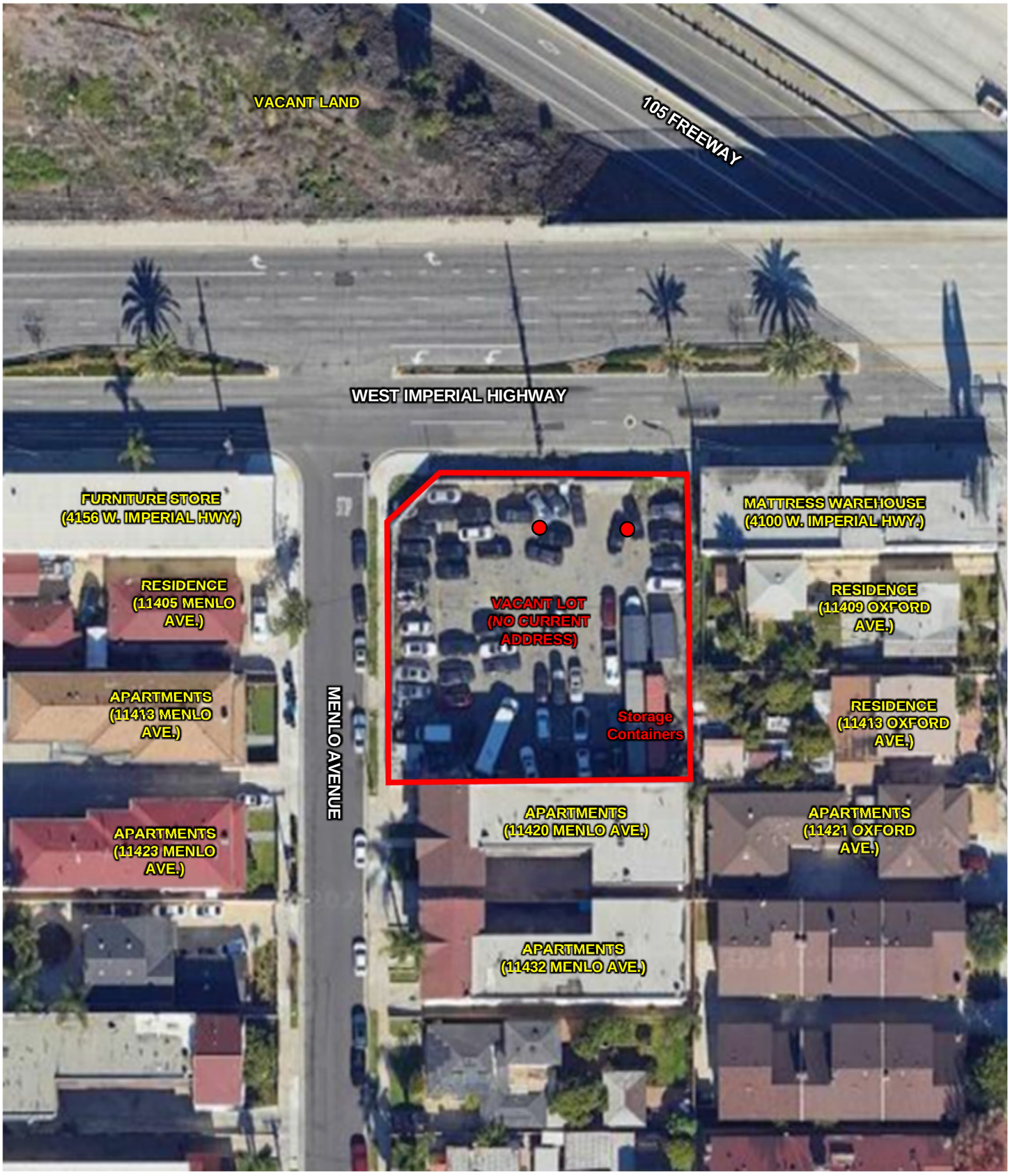
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Drawing Not To Scale

KEY:
Subject Property

FIGURE 1: SITE LOCATION MAP
Project No. 24-473325.1

PARTNER



N

GROUNDWATER
FLOW

KEY:
Subject Property
Approx. Location of Former USTs

FIGURE 2: SITE PLAN
Project No. 24-473325.1

PARTNER



N

USGS 7.5-Minute *Inglewood, California* Quadrangle
Created: 2021

KEY:
Subject Property

FIGURE 3: TOPOGRAPHIC MAP
Project No. 24-473325.1

PARTNER

APPENDIX A: SITE PHOTOGRAPHS



1. View of subject property from intersection of Imperial Hwy and Menlo Avenue



2. View across subject property looking south



3. View across vacant asphalt-paved lot (subject property) looking southwest



4. View of east side of subject property



5. View of west side of subject property



6. View of security gate on southwest side of subject property



7. View of small storage shed at southwest corner of property



8. View of storm drain at southwest corner of property



9. View of leftover air compressor at southwest side of property



10. View across subject property from southwest corner



11. View of south side of property



12. View of storage containers on southeast side of property



13. View of trash/debris at southeast corner of property



14. View of leftover product storage under canopy on east side of property



15. View of empty canopy on east side of property



16. View of security gate on north side of property



17. View of property signage at northwest corner



18. View inside storage shed



19. View of adjoining property to the south



20. View of adjoining property to the east



21. View of adjoining property to the north



22. View of adjoining property to the west

APPENDIX B: HISTORICAL/REGULATORY DOCUMENTATION

HISTORICAL AERIALS

Project Property: Menlo and Imperial - Parking Lot
SE Corner Menlo Avenue and Imperial Highway
Hawthorne CA 90304

Project No: 24-473325.1

Requested By: Partner Engineering and Science, Inc.

Order No: 24111100252

Date Completed: November 13,2024

Aerial Maps included in this report are produced by the sources listed above and are to be used for research purposes including a phase I report. Maps are not to be resold as commercial property. ERIS provides no warranty of accuracy or liability. The information contained in this report has been produced using aerial photos listed in above sources by ERIS Information Inc. (in the US) and ERIS Information Limited Partnership (in Canada), both doing business as 'ERIS'. The maps contained in this report do not purport to be and do not constitute a guarantee of the accuracy of the information contained herein. Although ERIS has endeavored to present information that is accurate, ERIS disclaims, any and all liability for any errors, omissions, or inaccuracies in such information and data, whether attributable to inadvertence, negligence or otherwise, and for any consequences arising therefrom. Liability on the part of ERIS is limited to the monetary value paid for this report.

Environmental Risk Information Services
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1.866.517.5204 | info@erisinfo.com | erisinfo.com

Date	Source	Scale	Comments
1928	Fairchild	1" = 500'	
1938	Agricultural Stabilization & Conserv. Service	1" = 500'	
1947	Fairchild	1" = 500'	
1952	Agricultural Stabilization & Conserv. Service	1" = 500'	
1963	United States Geological Survey	1" = 500'	
1972	United States Geological Survey	1" = 500'	
1982	Private	1" = 500'	
1986	Private	1" = 500'	
1994	United States Geological Survey	1" = 500'	
2005	United States Department of Agriculture	1" = 500'	
2009	United States Department of Agriculture	1" = 500'	
2010	United States Department of Agriculture	1" = 500'	
2012	United States Department of Agriculture	1" = 500'	
2014	United States Department of Agriculture	1" = 500'	
2016	United States Department of Agriculture	1" = 500'	
2018	United States Department of Agriculture	1" = 500'	
2020	United States Department of Agriculture	1" = 500'	
2024	Maxar Technologies	1" = 500'	



Year: 1928
Source: FAIRCHILD
Scale: 1" = 500'
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Hawthorne, CA
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Order No: 24111100252

PARTNER

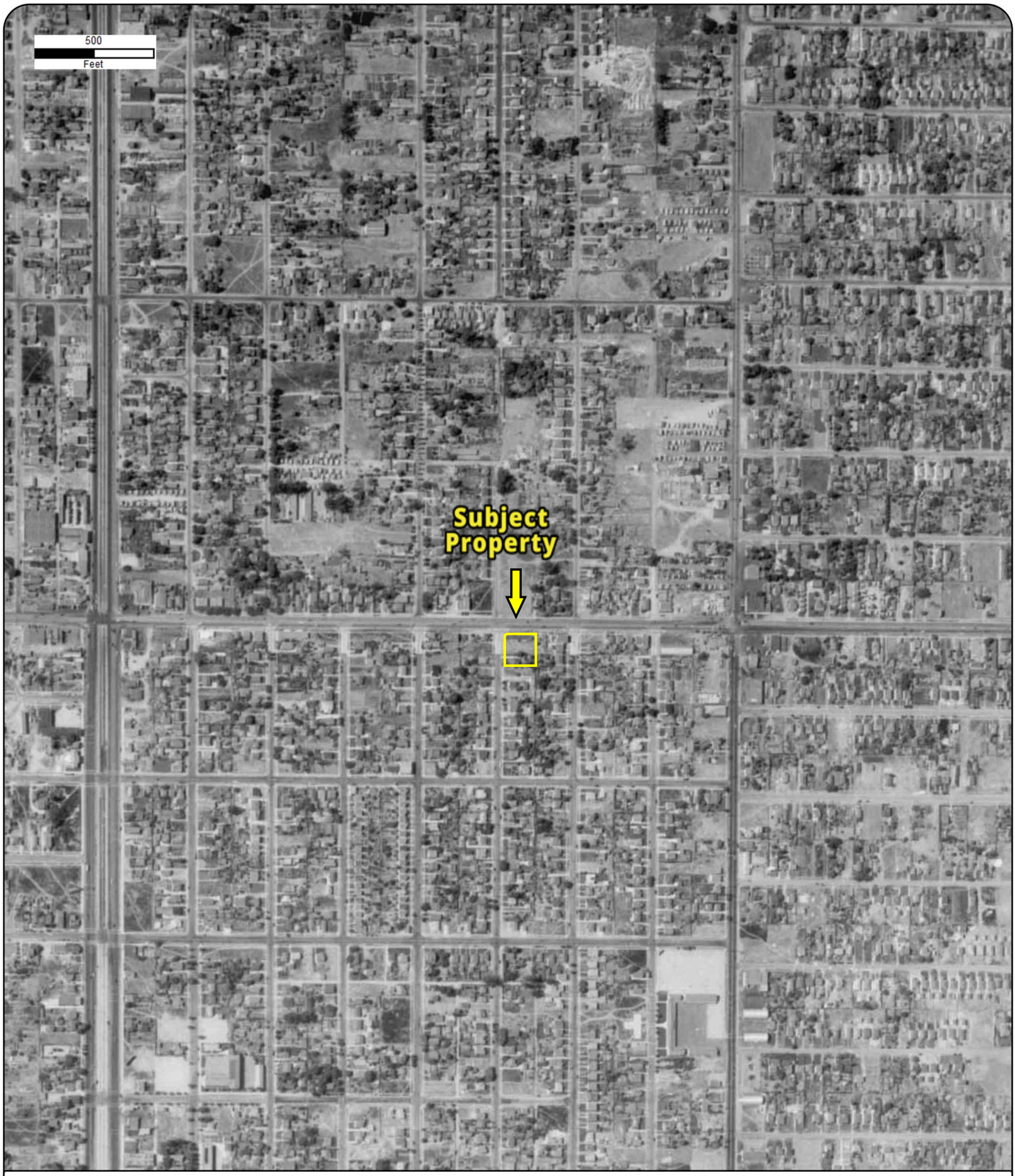


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Hawthorne, CA
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Order No: 24111100252

PARTNER



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Scale: 1" = 500'
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Order No: 24111100252

PARTNER



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Scale: 1" = 500'
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Order No: 24111100252

PARTNER

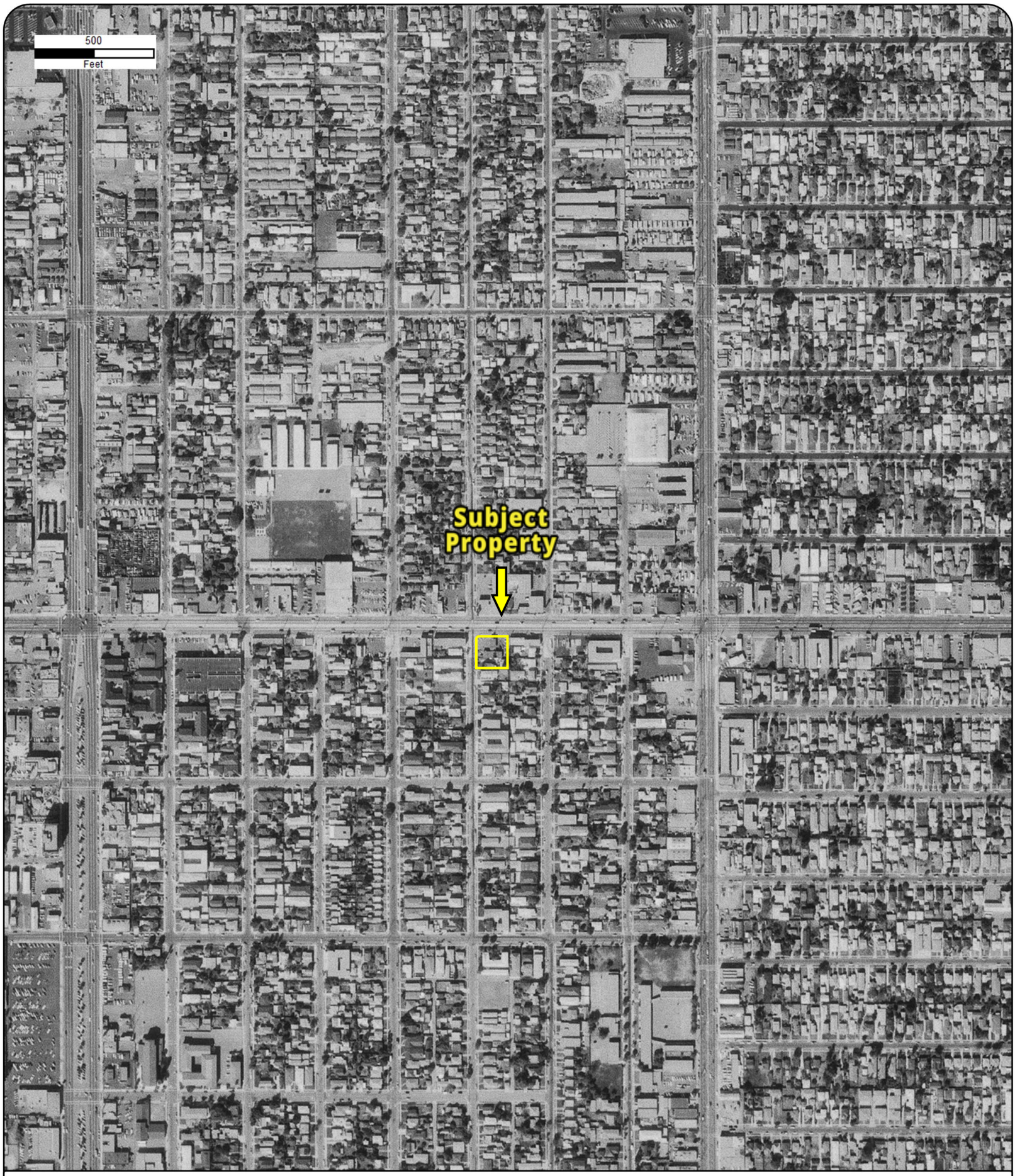


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Order No: 24111100252

PARTNER



Year: 1972
Source: USGS
Scale: 1" = 500'
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Hawthorne, CA
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Order No: 24111100252

PARTNER

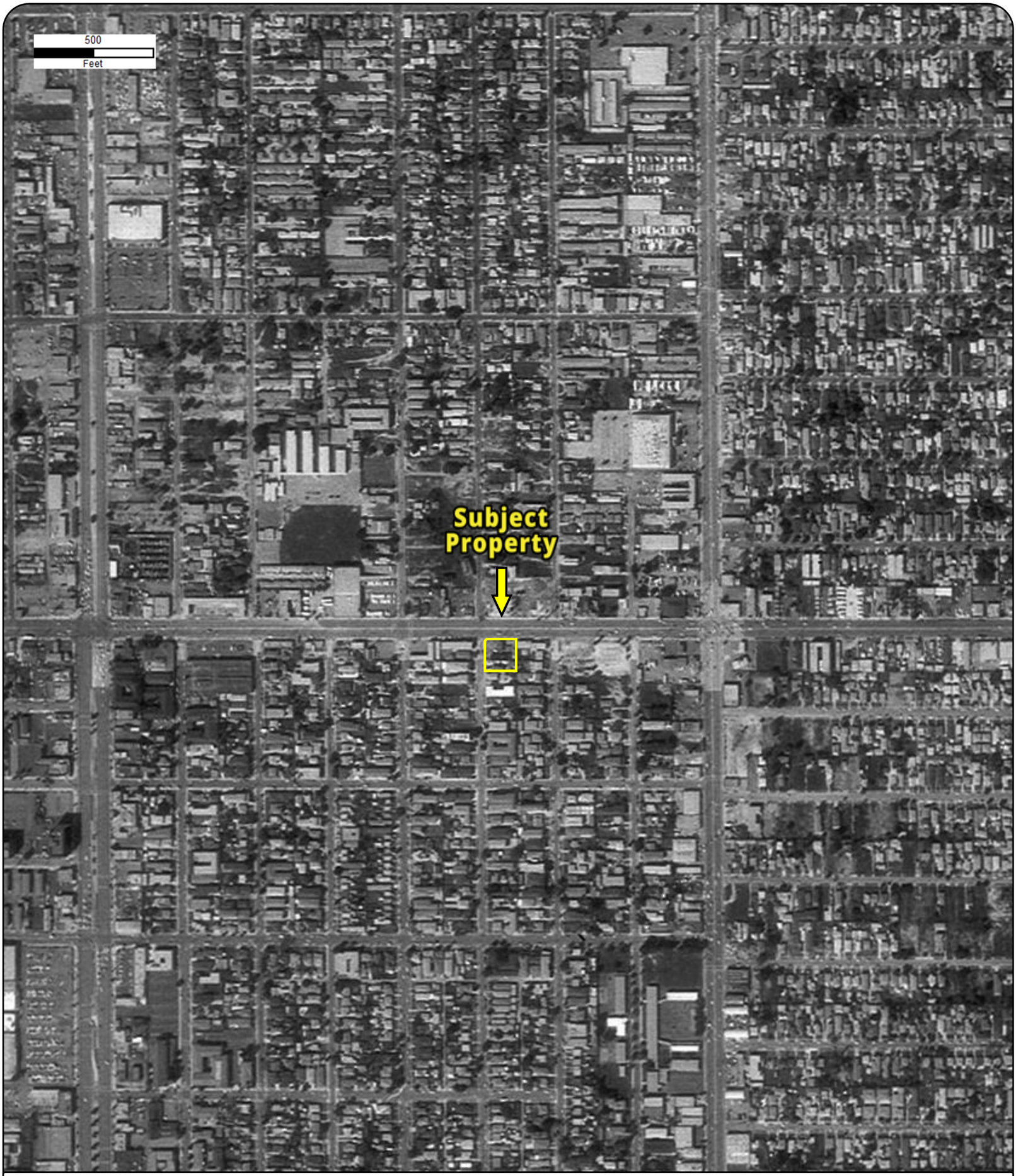


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Scale: 1" = 500'
Comment:

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Approx Center: -118.34685123,33.93062091

Order No: 24111100252

PARTNER



Year: 1986
Source: Private
Scale: 1" = 500'
Comment:

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Order No: 24111100252

PARTNER

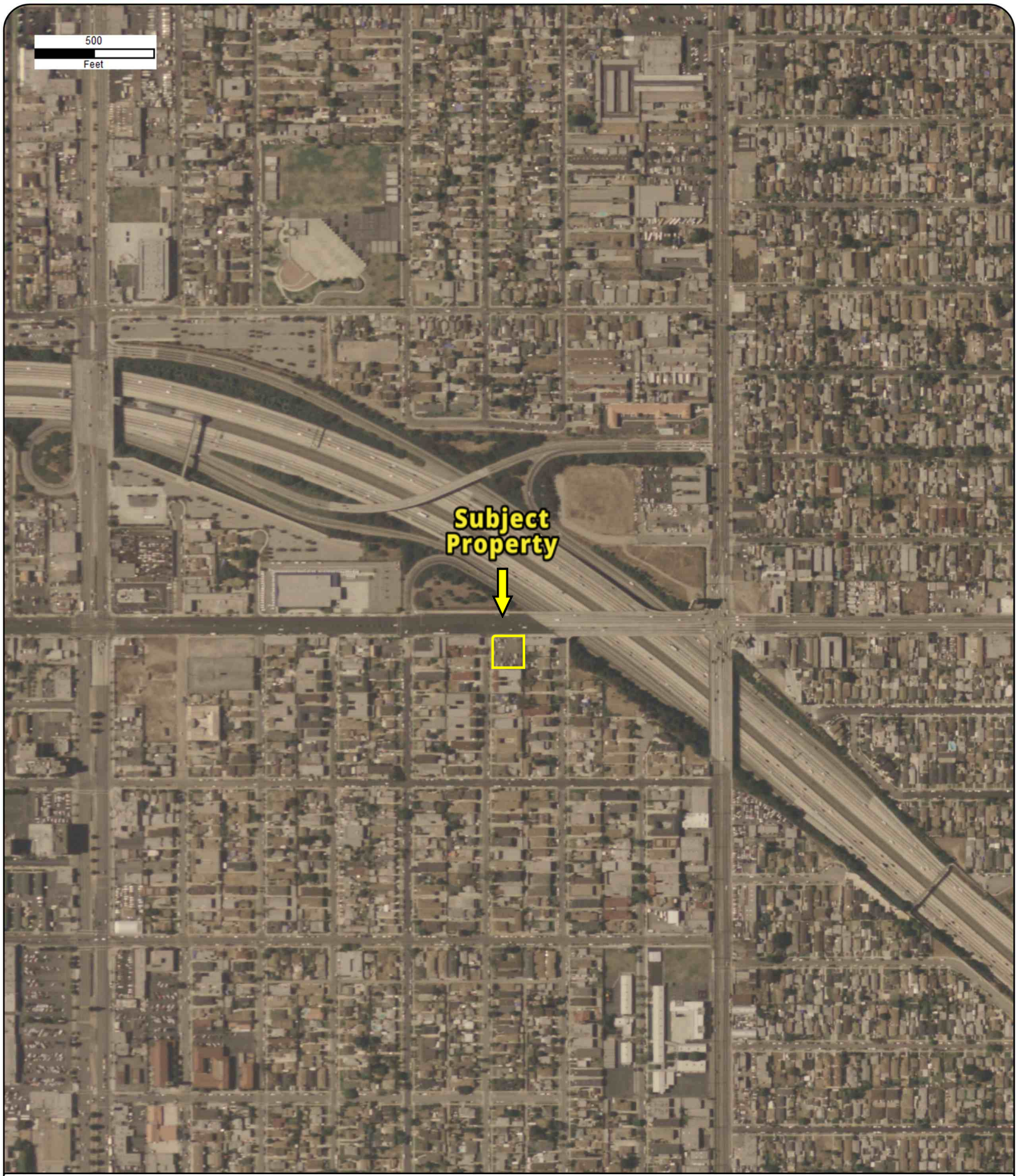


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Scale: 1" = 500'
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Order No: 24111100252

PARTNER

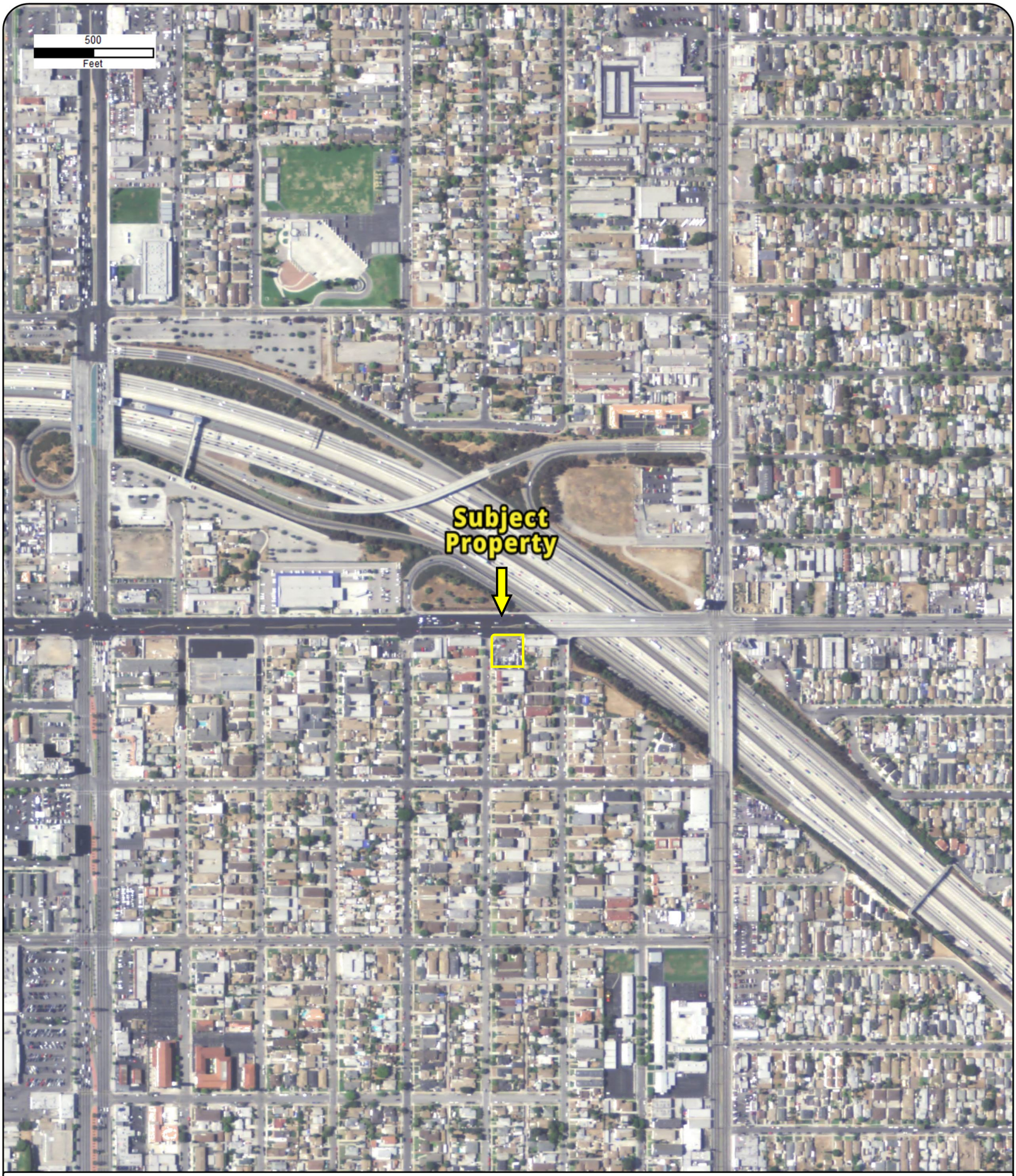


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PARTNER

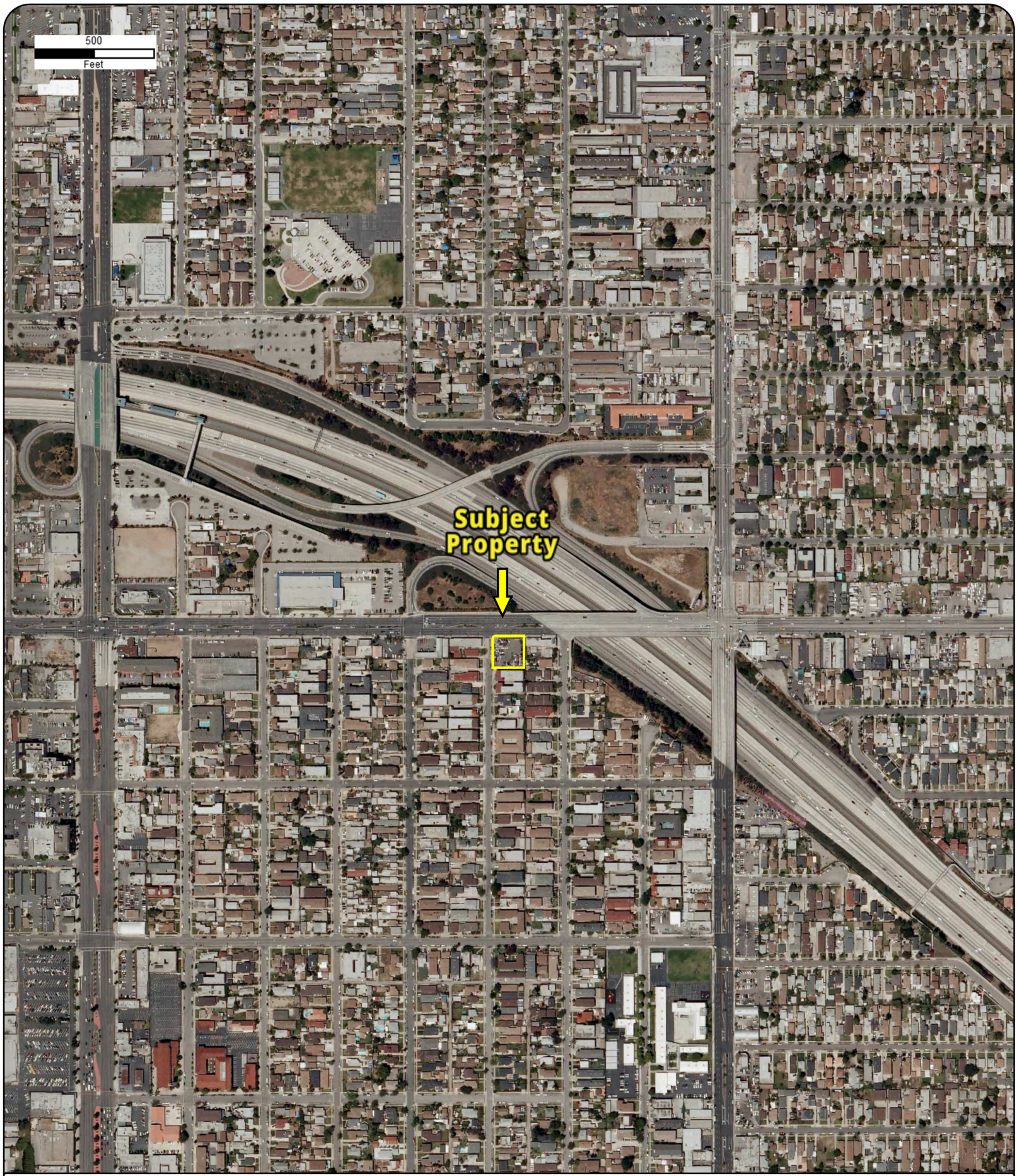


Year: 2009
Source: USDA
Scale: 1" = 500'
Comment:

Address: SE Corner Menlo Avenue and Imperial Highway,
Hawthorne, CA
Approx Center: -118.34685123,33.93062091

Order No: 24111100252

PARTNER



Year: 2010
Source: USDA
Scale: 1" = 500'
Comment:

Address: SE Corner Menlo Avenue and Imperial Highway,
Hawthorne, CA
Approx Center: -118.34685123,33.93062091

Order No: 24111100252

PARTNER

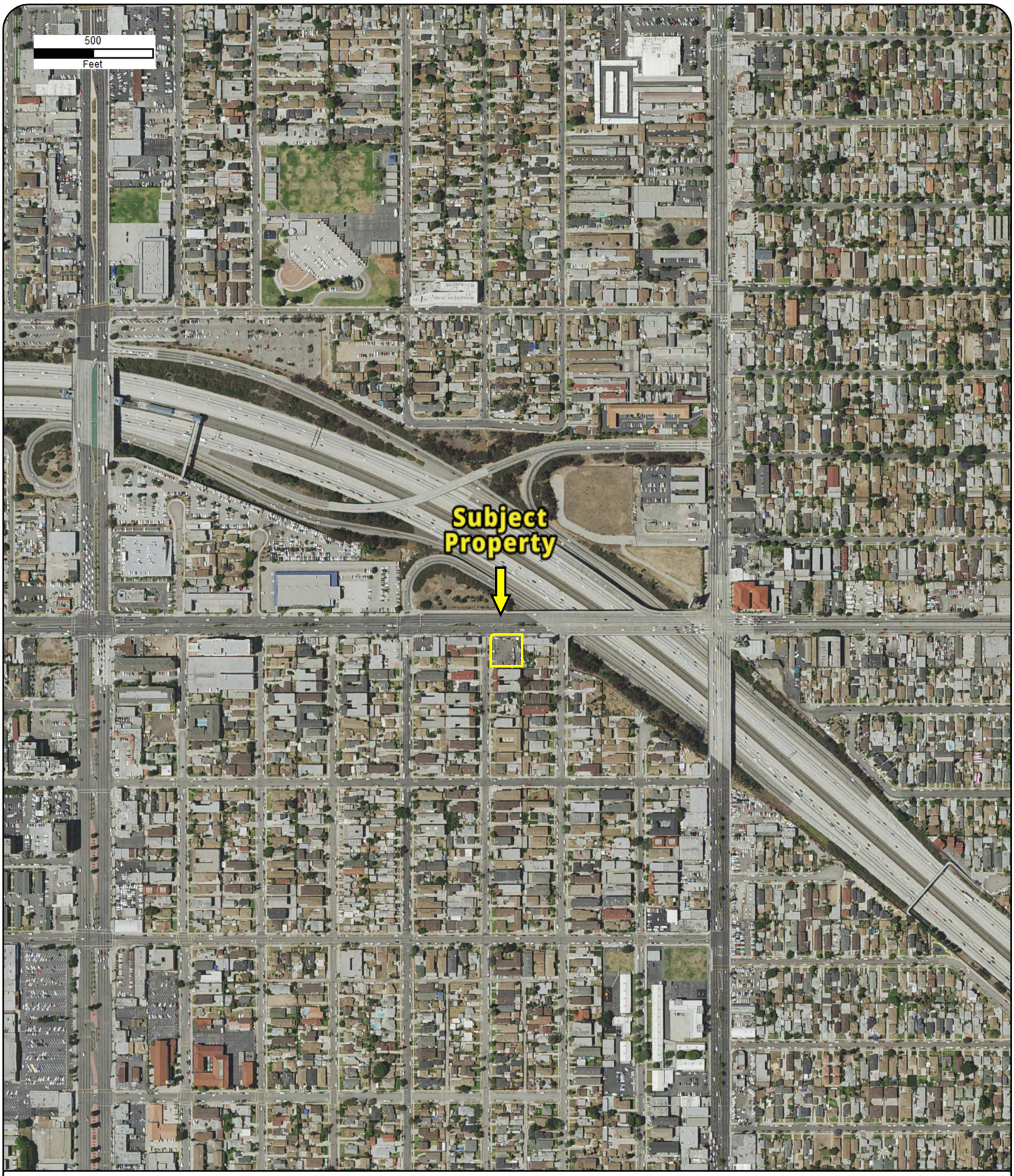


Year: 2012
Source: USDA
Scale: 1" = 500'
Comment:

Address: SE Corner Menlo Avenue and Imperial Highway,
Hawthorne, CA
Approx Center: -118.34685123,33.93062091

Order No: 24111100252

PARTNER

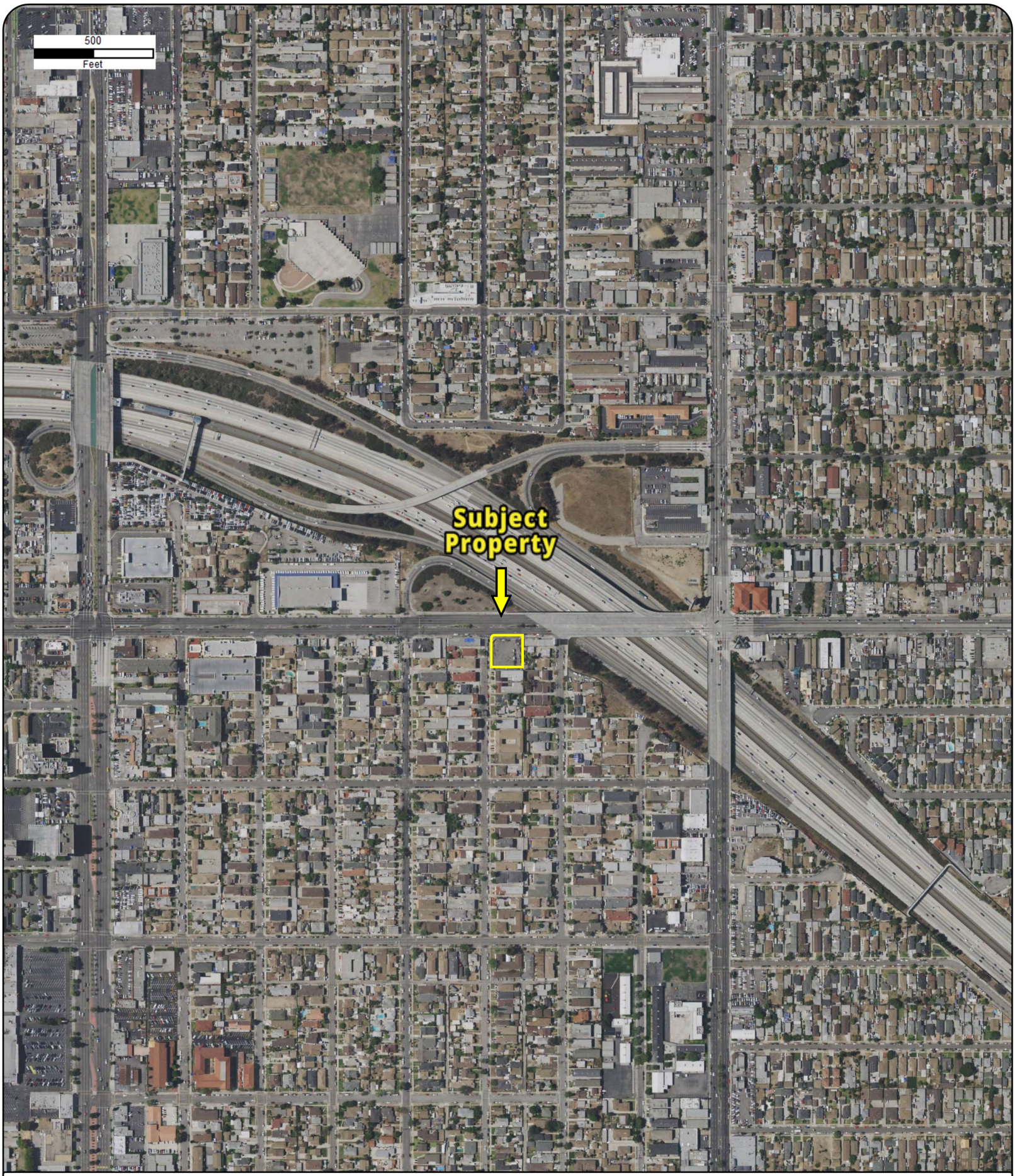


Year: 2014
Source: USDA
Scale: 1" = 500'
Comment:

Address: SE Corner Menlo Avenue and Imperial Highway,
Hawthorne, CA
Approx Center: -118.34685123,33.93062091

Order No: 24111100252

PARTNER

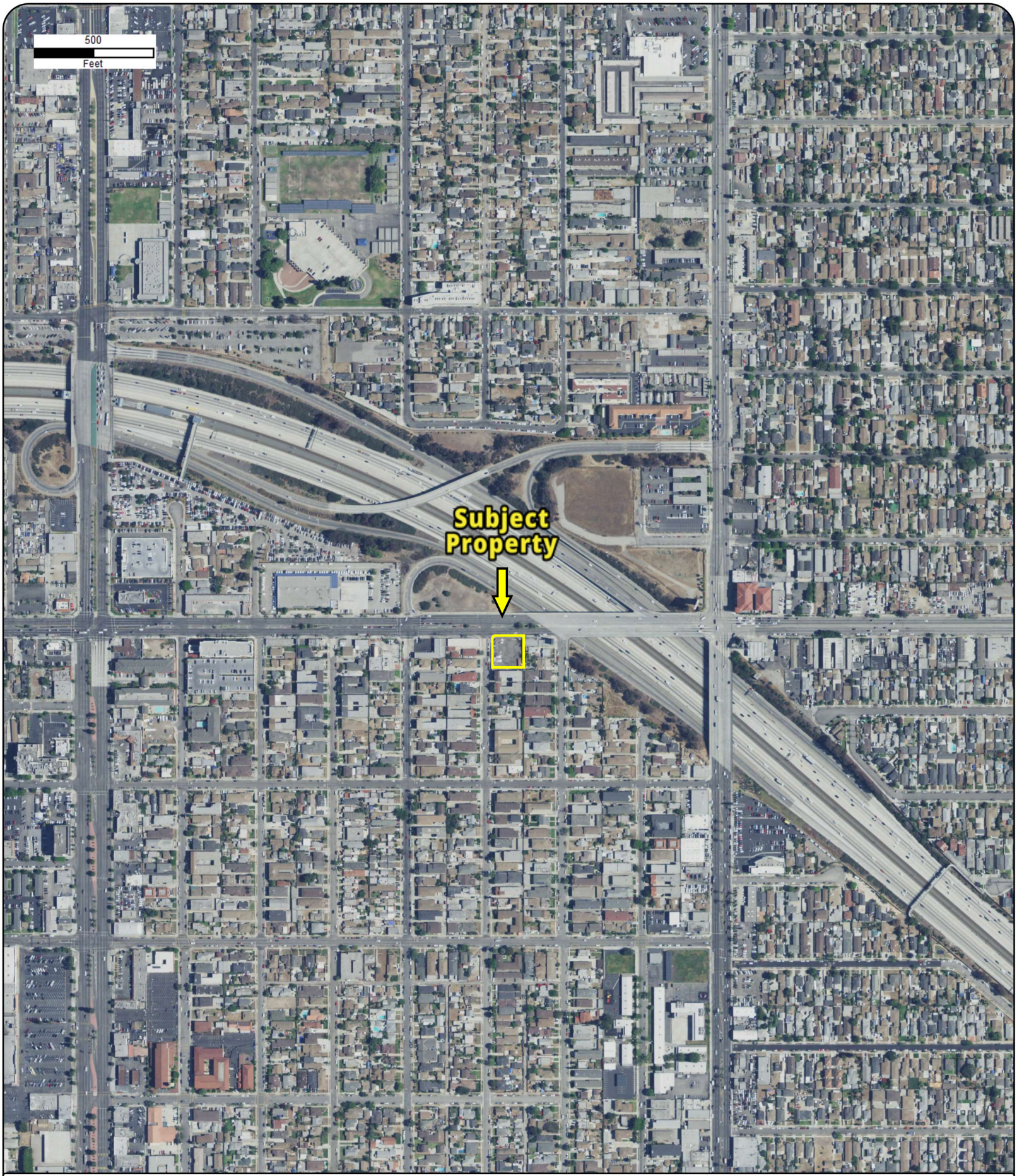


Year: 2016
Source: USDA
Scale: 1" = 500'
Comment:

Address: SE Corner Menlo Avenue and Imperial Highway,
Hawthorne, CA
Approx Center: -118.34685123,33.93062091

Order No: 24111100252

PARTNER

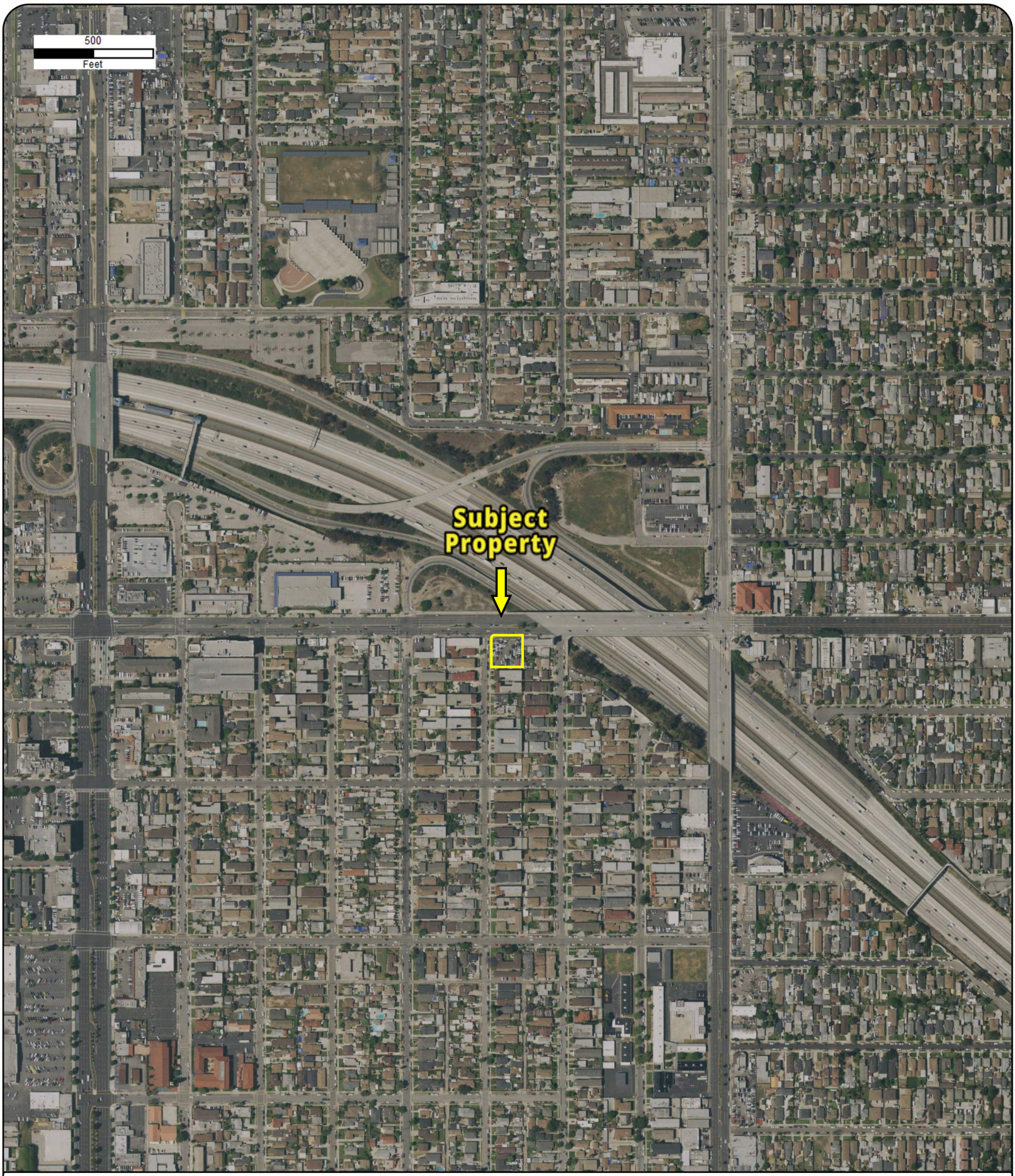


Year: 2018
Source: USDA
Scale: 1" = 500'
Comment:

Address: SE Corner Menlo Avenue and Imperial Highway,
Hawthorne, CA
Approx Center: -118.34685123,33.93062091

Order No: 24111100252

PARTNER

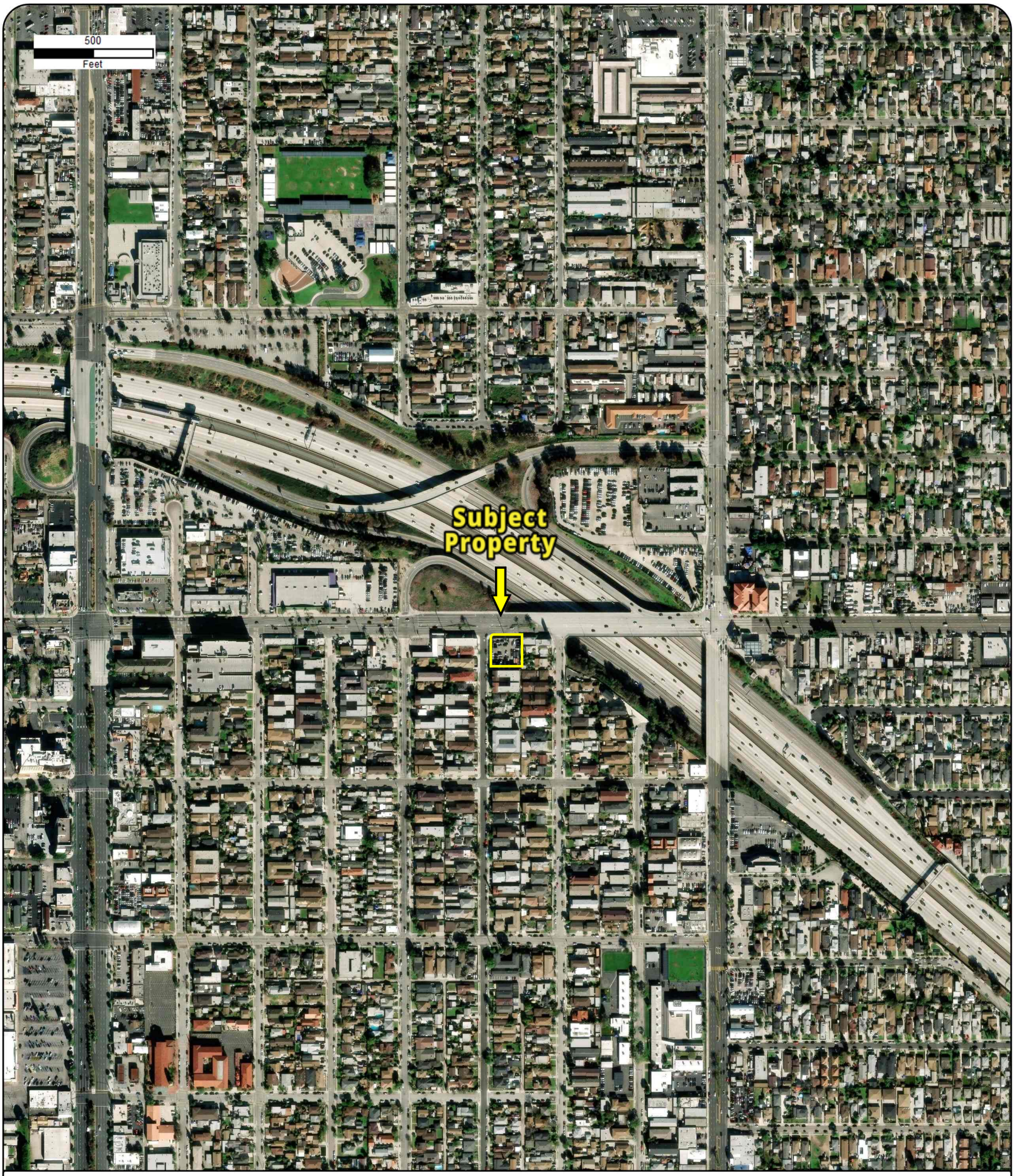


Year: 2020
Source: USDA
Scale: 1" = 500'
Comment:

Address: SE Corner Menlo Avenue and Imperial Highway,
Hawthorne, CA
Approx Center: -118.34685123,33.93062091

Order No: 24111100252

PARTNER



Year: 2024
Source: MAXAR
Scale: 1" = 500'
Comment:

Address: SE Corner Menlo Avenue and Imperial Highway, Hawthorne, CA
Approx Center: -118.34685123,33.93062091

Order No: 24111100252

PARTNER

ERIS

FIRE INSURANCE MAPS

Project Property: Menlo and Imperial - Parking Lot
SE Corner Menlo Avenue and Imperial Highway Hawthorne CA 90304
Project No: 24-473325.1
Requested By: Partner Engineering and Science, Inc.
Order No: 24111100252
Date Completed: November 12, 2024

Environmental Risk Information Services
A division of Glacier Media Inc.
1.866.517.5204 | info@erisinfo.com | erisinfo.com

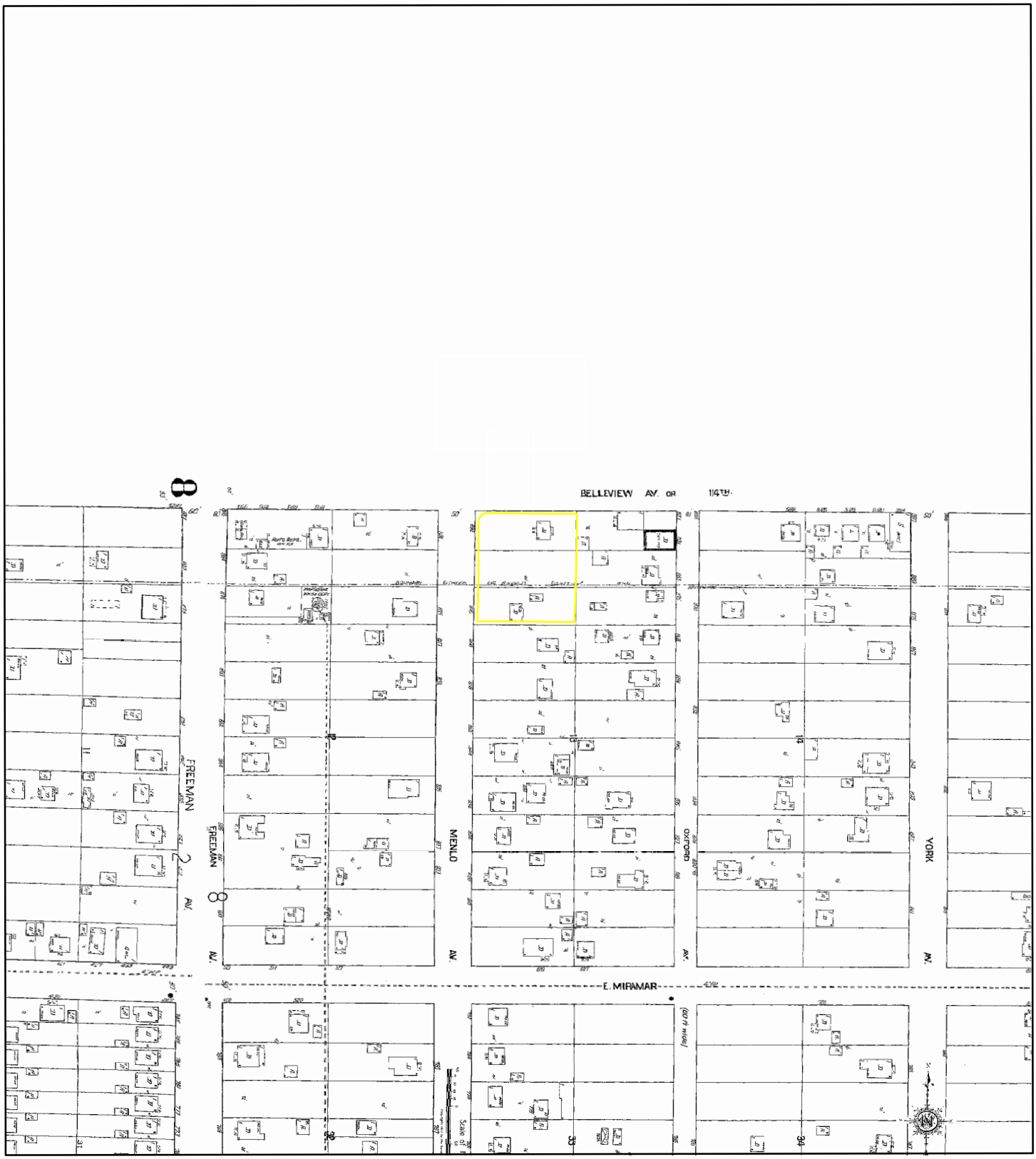
Listed below, please find the results of our search for historic fire insurance maps from our in-house collection, performed in conjuction with your ERIS report.

Date	City	State	Volume	Sheet Number(s)
1927	Hawthorne	California		2, 8
1938	Hawthorne	California		2, 8
1954	Hawthorne	California		2, 8

Individual Fire Insurance Maps for the subject property and/or adjacent sites are included with the ERIS environmental database report to be used for research purposes only and cannot be resold for any other commercial uses other than for use in a Phase I environmental assessment.

Environmental Risk Information Services
A division of Glacier Media Inc.
1.866.517.5204 | info@erisinfo.com | erisinfo.com

Fire Insurance Map

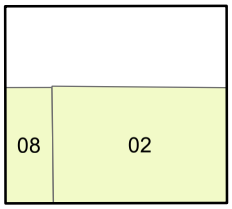


0 85 170 340 510 680

Feet

1927

Address: SE Corner Menlo Avenue and Imperial Highway Hawthorne CA 90304

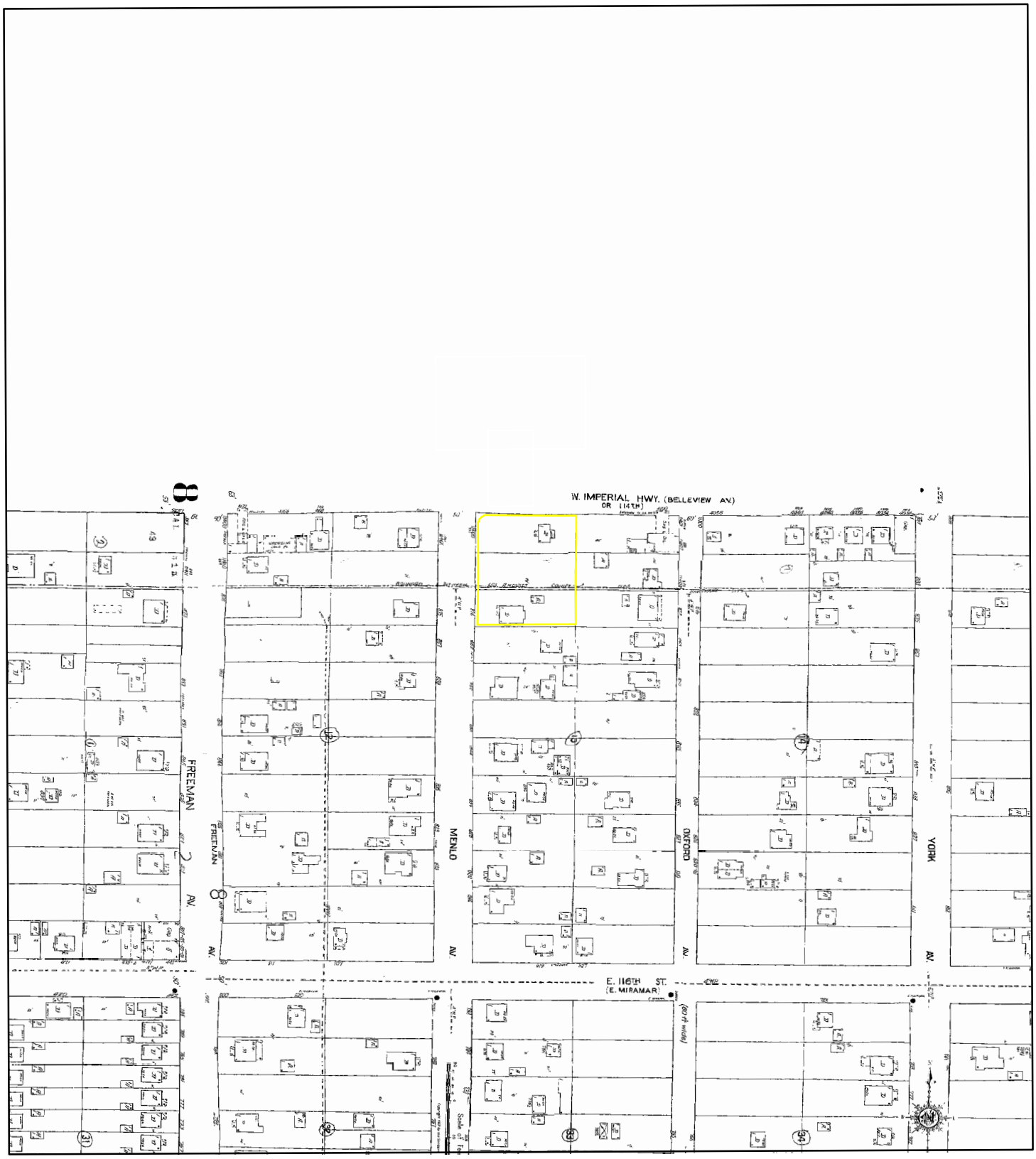


Map sheet(s):
Volume NA: 2,8;

Order Number 24111100252

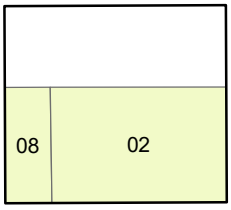
PARTNER

Fire Insurance Map



1938

Address: SE Corner Menlo Avenue and Imperial Highway Hawthorne CA 90304

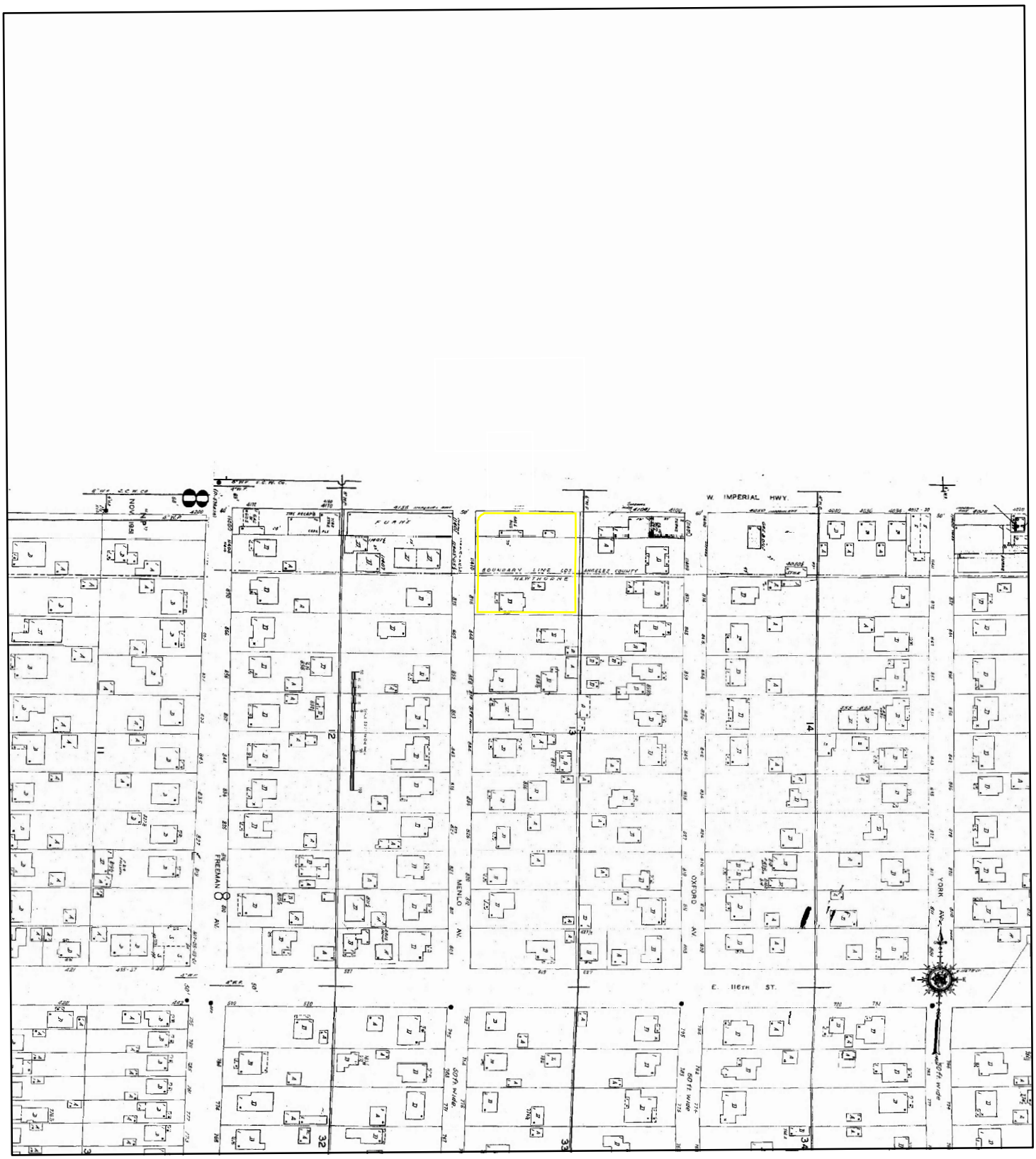


Map sheet(s):
Volume NA: 2,8;

Order Number 24111100252

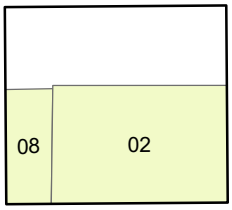
PARTNER

Fire Insurance Map



1954

Address: SE Corner Menlo Avenue and Imperial Highway Hawthorne CA 90304



Map sheet(s):
Volume NA: 2,8;

Order Number 24111100252

PARTNER

CITY DIRECTORY

Project Property:	*Menlo and Imperial - Parking Lot* *SE Corner Menlo Avenue and Imperial Highway* *Hawthorne,CA 90304*
Project No:	*24-473325.1*
Requested By:	*Partner Engineering and Science, Inc.*
Order No:	*24111100252*
Date Completed:	*November 21, 2024*

Environmental Risk Information Services
A division of Glacier Media Inc.
1.866.517.5204 | info@erisinfo.com | erisinfo.com

November 21, 2024
RE: CITY DIRECTORY RESEARCH
SE Corner Menlo Avenue and Imperial Highway
Hawthorne,CA 90304

Thank you for contacting ERIS for an City Directory Search for the site described above. Our staff has conducted a reverse listing City Directory search to determine prior occupants of the subject site and adjacent properties. We have provided the nearest addresses(s) when adjacent addresses are not listed. If we have searched a range of addresses, all addresses in that range found in the Directory are included.

Note: Reverse Listing Directories generally are focused on more highly developed areas. Newly developed areas may be covered in the more recent years, but the older directories will tend to cover only the "central" parts of the city. To complete the search, we have either utilized the ACPL, Library of Congress, State Archives, and/or a regional library or history center as well as multiple digitized directories. These do not claim to be a complete collection of all reverse listing city directories produced.

ERIS has made every effort to provide accurate and complete information but shall not be held liable for missing, incomplete or inaccurate information. To complete this search we used the general range(s) below to search for relevant findings. If you believe there are additional addresses or streets that require searching please contact us at 866-517-5204.

Search Criteria:
11400-11500 of Menlo Ave
11400-11500 of Oxford Ave
4100-4200 of W Imperial Hwy
Search Notes:
Menlo Ave is also known as 800-900 Menlo Ave in Inglewood. Menlo Ave is also known as 11400-11500 Eastwood Ave in Hawthorne.
Oxford Ave is also known as 800-900 Oxford Ave in Inglewood.
Oxford Ave is also known as 11400-11500 Osage Ave in Hawthorne.
W Imperial Hwy is also known as 4100-4200 Belleview Ave in Inglewood.

Search Results Summary

Date	Source	Comment
2023	DIGITAL BUSINESS DIRECTORY	
2020	DIGITAL BUSINESS DIRECTORY	
2016	DIGITAL BUSINESS DIRECTORY	
2011	DIGITAL BUSINESS DIRECTORY	
2008	DIGITAL BUSINESS DIRECTORY	
2003	DIGITAL BUSINESS DIRECTORY	
2000	HAINES	
1995	HAINES	
1990	HAINES	
1985	HAINES	
1981	HAINES	
1978	HAINES	
1971	HAINES	
1966	PACIFIC TELEPHONE	
1964	PACIFIC TELEPHONE	
1960	PACIFIC TELEPHONE	
1955	PACIFIC TELEPHONE	
1950	LOS ANGELES DIRECTORY CO	
1947	LOS ANGELES DIRECTORY CO	
1942	LOS ANGELES DIRECTORY CO	
1938	LOS ANGELES DIRECTORY CO	
1933	LOS ANGELES DIRECTORY CO	
1927	KAASEN DIRECTORY	

2023 MENLO AVE

SOURCE: DIGITAL BUSINESS DIRECTORY

11405 **GLENDA QUARKER**...*RESIDENTIAL*
11413 **MONICA GARCIA**...*RESIDENTIAL*
11420 **D FURROWH**...*RESIDENTIAL*
11420 **GABRIELA MONTOYA**...*RESIDENTIAL*
11423 **ELLA WILLIAMS**...*RESIDENTIAL*
11423 **THOMAS WILLIAMS**...*RESIDENTIAL*
11432 **DION BROWN**...*RESIDENTIAL*
11432 **JOSE GODINEZ**...*RESIDENTIAL*
11432 **M HALE**...*RESIDENTIAL*
11432 **WALTER RAMIREZ**...*RESIDENTIAL*
11438 **JOSE LIMA**...*RESIDENTIAL*
11438 **MABILIA MENDOZA**...*RESIDENTIAL*
11441 **BOOKER WILLIAMS**...*RESIDENTIAL*
11441 **CARLA ADOLPHUS**...*RESIDENTIAL*
11441 **KIMBERLY JACKSON**...*RESIDENTIAL*
11441 **MARIANA VILLALOBOS**...*RESIDENTIAL*
11441 **MARY FOWLER**...*RESIDENTIAL*
11446 **CAROLINA COPTOS**...*RESIDENTIAL*
11446 **CAROLINA CORTEZ**...*RESIDENTIAL*
11446 **MANUEL MICHE**...*RESIDENTIAL*
11446 **ROSA MICHEL**...*RESIDENTIAL*
11449 **ALEX SERRANO**...*RESIDENTIAL*
11449 **DAMON LARRY**...*RESIDENTIAL*
11449 **DWAYNA GREENE**...*RESIDENTIAL*
11449 **YOLANDA BRIONES**...*RESIDENTIAL*
11500 **DESTINEE NEVILLE**...*RESIDENTIAL*
11500 **SUSANA MAGANA**...*RESIDENTIAL*

2023 OXFORD AVE

SOURCE: DIGITAL BUSINESS DIRECTORY

11407 **ALFREDO SAMAYOA**...*RESIDENTIAL*
11409 **FRANCIS DOYLE**...*RESIDENTIAL*
11409 **MATTHEW DOYLE**...*RESIDENTIAL*
11413 **FELICIANO AGUILAR**...*RESIDENTIAL*
11421 **ANN WILLIS**...*RESIDENTIAL*
11433 **KENTON SMART**...*RESIDENTIAL*
11435 **VANESSA SIMMS**...*RESIDENTIAL*
11437 **JANICE WILSON**...*RESIDENTIAL*
11440 **JAIME MANJARREZ**...*RESIDENTIAL*
11443 **BRENDA CARTER**...*RESIDENTIAL*
11447 **EVETTE STEWART**...*RESIDENTIAL*
11448 **MARITZA LOPEZ**...*RESIDENTIAL*
11448 **MIGUEL RUANO**...*RESIDENTIAL*
11500 **ALBERTO ALVARADO**...*RESIDENTIAL*
11500 **ROBERTO GONZALEZ**...*RESIDENTIAL*

2023 W IMPERIAL HWY

SOURCE: DIGITAL BUSINESS DIRECTORY

4100 **HALF PRICE MATTRESS**...*MATTRESSES*
4156 **TOTAL FURNITURE**...*FURNITURE-DEALERS-RETAIL*
4172 **SNAPPY FOOD MART**...*LIQUORS-RETAIL*
4200 **RICOS TACOS EL TIO**...*RESTAURANTS*
4200 **RICOS TACOS EL TIO**...*FOODSCARRY OUT*

2020 MENLO AVE

SOURCE: DIGITAL BUSINESS DIRECTORY

11405 **GLENDA QUARKER**...*RESIDENTIAL*
11420 **D FURROWH**...*RESIDENTIAL*
11420 **GABRIELA MONTOYA**...*RESIDENTIAL*
11423 **ELLA WILLIAMS**...*RESIDENTIAL*
11423 **THOMAS WILLIAMS**...*RESIDENTIAL*
11432 **DION BROWN**...*RESIDENTIAL*
11432 **JOSE GODINEZ**...*RESIDENTIAL*
11432 **M HALE**...*RESIDENTIAL*
11432 **WALTER RAMIREZ**...*RESIDENTIAL*
11438 **JOSE LIMA**...*RESIDENTIAL*
11438 **MABILIA MENDOZA**...*RESIDENTIAL*
11441 **BOOKER WILLIAMS**...*RESIDENTIAL*
11441 **CARLA ADOLPHUS**...*RESIDENTIAL*
11441 **KIMBERLY JACKSON**...*RESIDENTIAL*
11441 **MARIANA VILLALOBOS**...*RESIDENTIAL*
11441 **MARY FOWLER**...*RESIDENTIAL*
11446 **CAROLINA COPTOS**...*RESIDENTIAL*
11446 **CAROLINA CORTEZ**...*RESIDENTIAL*
11446 **MANUEL MICHE**...*RESIDENTIAL*
11446 **ROSA MICHEL**...*RESIDENTIAL*
11449 **ALEX SERRANO**...*RESIDENTIAL*
11449 **DAMON LARRY**...*RESIDENTIAL*
11449 **DWAYNA GREENE**...*RESIDENTIAL*
11449 **YOLANDA BRIONES**...*RESIDENTIAL*
11500 **DESTINEE NEVILLE**...*RESIDENTIAL*
11500 **SUSANA MAGANA**...*RESIDENTIAL*

2020 OXFORD AVE

SOURCE: DIGITAL BUSINESS DIRECTORY

11407 **ALFREDO SAMAYOA**...*RESIDENTIAL*
11409 **FRANCIS DOYLE**...*RESIDENTIAL*
11409 **MATTHEW DOYLE**...*RESIDENTIAL*
11421 **ANN WILLIS**...*RESIDENTIAL*
11433 **KENTON SMART**...*RESIDENTIAL*
11435 **VANESSA SIMMS**...*RESIDENTIAL*
11440 **JAIME MANJARREZ**...*RESIDENTIAL*
11443 **BRENDA CARTER**...*RESIDENTIAL*
11447 **EVETTE STEWART**...*RESIDENTIAL*
11448 **MARITZA LOPEZ**...*RESIDENTIAL*
11500 **ALBERTO ALVARADO**...*RESIDENTIAL*
11500 **ROBERTO GONZALEZ**...*RESIDENTIAL*

2020 W IMPERIAL HWY

SOURCE: DIGITAL BUSINESS DIRECTORY

4100 **HALF PRICE MATTRESS**...*MATTRESSES*
4156 **TOTAL FURNITURE**...*FURNITURE-DEALERS-RETAIL*
4172 **SNAPPY FOOD MART**...*LIQUORS-RETAIL*
4200 **RICOS TACOS EL TIO**...*RESTAURANTS*
4200 **RICOS TACOS EL TIO**...*FOODSCARRY OUT*

2016 MENLO AVE

SOURCE: DIGITAL BUSINESS DIRECTORY

11405 **GLENDA QUARKER**...*RESIDENTIAL*
11420 **D FURROWH**...*RESIDENTIAL*
11420 **GABRIELA MONTOYA**...*RESIDENTIAL*
11420 **JOHN MONTOYA**...*RESIDENTIAL*
11420 **KENNETH FURROWH**...*RESIDENTIAL*
11423 **ELLA WILLIAMS**...*RESIDENTIAL*
11423 **THOMAS WILLIAMS**...*RESIDENTIAL*
11431 **EDWIN PERALTA**...*RESIDENTIAL*
11432 **DION BROWN**...*RESIDENTIAL*
11432 **JOSE GODINEZ**...*RESIDENTIAL*
11432 **M GODINEZ**...*RESIDENTIAL*
11432 **M HALE**...*RESIDENTIAL*
11432 **WALTER RAMIREZ**...*RESIDENTIAL*
11438 **JOSE LIMA**...*RESIDENTIAL*
11438 **KARLA LIMA**...*RESIDENTIAL*
11438 **MABILIA MENDOZA**...*RESIDENTIAL*
11441 **BOOKER WILLIAMS**...*RESIDENTIAL*
11441 **CARLA ADOLPHUS**...*RESIDENTIAL*
11441 **KIMBERLY JACKSON**...*RESIDENTIAL*
11441 **MARIANA VILLALOBOS**...*RESIDENTIAL*
11441 **MARY FOWLER**...*RESIDENTIAL*
11446 **CAROLINA COPTOS**...*RESIDENTIAL*
11446 **CAROLINA CORTEZ**...*RESIDENTIAL*
11446 **MANUEL MICHE**...*RESIDENTIAL*
11446 **ROSA MICHEL**...*RESIDENTIAL*
11449 **ALEX SERRANO**...*RESIDENTIAL*
11449 **CARMEN SERRANO**...*RESIDENTIAL*
11449 **DAMON LARRY**...*RESIDENTIAL*
11449 **DWAYNA GREENE**...*RESIDENTIAL*
11449 **YOLANDA BRIONES**...*RESIDENTIAL*
11500 **DESTINEE NEVILLE**...*RESIDENTIAL*
11500 **SUSANA MAGANA**...*RESIDENTIAL*

2016 OXFORD AVE

SOURCE: DIGITAL BUSINESS DIRECTORY

11407 **ALFREDO SAMAYOA**...*RESIDENTIAL*
11407 **JAIRON SAMAYOA**...*RESIDENTIAL*
11407 **MIGDAEL SAMAYOA**...*RESIDENTIAL*
11407 **SANDRA SAMAYOA**...*RESIDENTIAL*
11409 **FRANCIS DOYLE**...*RESIDENTIAL*
11409 **MATTHEW DOYLE**...*RESIDENTIAL*
11409 **MICHAEL DOYLE**...*RESIDENTIAL*
11421 **ANN WILLIS**...*RESIDENTIAL*
11433 **KENTON SMART**...*RESIDENTIAL*
11435 **BILLY SIMMS**...*RESIDENTIAL*
11435 **VANESSA SIMMS**...*RESIDENTIAL*
11443 **BRENDA CARTER**...*RESIDENTIAL*
11500 **ALBERTO ALVARADO**...*RESIDENTIAL*
11500 **ROBERTO GONZALEZ**...*RESIDENTIAL*

2016 W IMPERIAL HWY

SOURCE: DIGITAL BUSINESS DIRECTORY

4100 **HALF PRICE MATTRESS**...*MATTRESSES*
4100 **N & B FURNITURE**...*FURNITURE-DEALERS-RETAIL*
4156 **TOTAL FURNITURE**...*FURNITURE-DEALERS-RETAIL*
4172 **SNAPPY FOOD MART**...*LIQUORS-RETAIL*
4200 **RICOS TACOS EL TIO**...*RESTAURANTS*
4200 **YO LATTE**...*CAFES*

2011 MENLO AVE

SOURCE: DIGITAL BUSINESS DIRECTORY

11405 **KARI NEIGHBORS**...*RESIDENTIAL*
11413 **CHARMON ARTERBERRY**...*RESIDENTIAL*
11413 **CHARMON WILSON**...*RESIDENTIAL*
11413 **MICHAEL WILSON**...*RESIDENTIAL*
11413 **NICOLE WILSON**...*RESIDENTIAL*
11413 **ROOSEVELT WILSON**...*RESIDENTIAL*
11420 **D FURROWH**...*RESIDENTIAL*
11420 **JANE JONES**...*RESIDENTIAL*
11420 **K FURROWH**...*RESIDENTIAL*
11420 **MARCIA HUBBARD**...*RESIDENTIAL*
11423 **LACRESHA WILLIAMS**...*RESIDENTIAL*
11423 **TAMEKA BALLOU**...*RESIDENTIAL*
11432 **DION BROWN**...*RESIDENTIAL*
11432 **FERNANDO SANCHEZ**...*RESIDENTIAL*
11432 **JOSE BORJAN**...*RESIDENTIAL*
11432 **JOSE GODINEZ**...*RESIDENTIAL*
11432 **MARIA GODINEZ**...*RESIDENTIAL*
11441 **CARLA ADOLPHUS**...*RESIDENTIAL*
11441 **CYNTHIA WHITE**...*RESIDENTIAL*
11441 **JAMES HECKARD**...*RESIDENTIAL*
11441 **MARY FOWLER**...*RESIDENTIAL*
11441 **TASHAY HINES**...*RESIDENTIAL*
11446 **LUIS CASTANEDA**...*RESIDENTIAL*
11446 **M MANUEL**...*RESIDENTIAL*
11446 **MANUEL MICHEL**...*RESIDENTIAL*
11446 **ROSA MICHEL**...*RESIDENTIAL*
11446 **YOLANDA BERRIOS**...*RESIDENTIAL*
11446 **YOLANDA CASTANEDA**...*RESIDENTIAL*
11449 **DAPHNE JOHNSON**...*RESIDENTIAL*
11449 **GILBERT RODRIGUEZ**...*RESIDENTIAL*
11449 **KENNETH JOHNSON**...*RESIDENTIAL*
11449 **MARIO ORDUNEZ**...*RESIDENTIAL*
11449 **STANLEY WILKERSON**...*RESIDENTIAL*
11500 **DESTINEE NEVILLE**...*RESIDENTIAL*
11500 **DONNIE HAWKINS**...*RESIDENTIAL*
11500 **NERY MAGANA**...*RESIDENTIAL*
11500 **SUSANA MAGANA**...*RESIDENTIAL*

2011 OXFORD AVE

SOURCE: DIGITAL BUSINESS DIRECTORY

11407 **HUGO QUINTANILLA**...*RESIDENTIAL*
11409 **GABRIEL DOYLE**...*RESIDENTIAL*
11409 **IMELDA DOYLE**...*RESIDENTIAL*
11409 **MATTHEW DOYLE**...*RESIDENTIAL*
11409 **MICHAEL DOYLE**...*RESIDENTIAL*
11413 **JUANA PEREZ**...*RESIDENTIAL*
11421 **ANN WILLIS**...*RESIDENTIAL*
11421 **N EQUITE**...*RESIDENTIAL*
11421 **V EQUITE**...*RESIDENTIAL*
11421 **WAGNER EQUITE**...*RESIDENTIAL*
11433 **KENTON SMART**...*RESIDENTIAL*
11434 **CARLOS BARBA**...*RESIDENTIAL*
11434 **HORACIO GONZALEZ**...*RESIDENTIAL*
11434 **OSCAR BARBA**...*RESIDENTIAL*
11439 **JIMMIE KIRKUM**...*RESIDENTIAL*
11439 **VERONICA KIRKUM**...*RESIDENTIAL*
11440 **EMELI FONI**...*RESIDENTIAL*
11440 **LONI FONI**...*RESIDENTIAL*
11440 **PAULINE FONI**...*RESIDENTIAL*
11447 **BARBARA GARIBAY**...*RESIDENTIAL*
11447 **INGRID RODRIGUEZ**...*RESIDENTIAL*
11447 **MARIO ARTEAGA**...*RESIDENTIAL*
11447 **N JOHNSON**...*RESIDENTIAL*
11500 **EVANGELINA CALDERON**...*RESIDENTIAL*
11500 **GERARDO CALDERON**...*RESIDENTIAL*
11500 **J RHOADS**...*RESIDENTIAL*
11500 **JUAN VALENZUELA**...*RESIDENTIAL*
11500 **ROBERTO GONZALEZ**...*RESIDENTIAL*

2011 W IMPERIAL HWY

SOURCE: DIGITAL BUSINESS DIRECTORY

4100 **N & B FURNITURE**...*FURNITURE STORES*
4156 **TOTAL FURNITURE**...*FURNITURE STORES*
4172 **SNAPPY FOOD MART**...*BEER, WINE, & LIQUOR STORES*
4200 **RICOS TACOS EL TIO**...*FULL-SERVICE RESTAURANTS*

2008 MENLO AVE

SOURCE: DIGITAL BUSINESS DIRECTORY

11405 **BERNARD L STIDHUM**...*RESIDENTIAL*
11410 **BARBARA JONES**...*RESIDENTIAL*
11420 **ANDREW & SUPRANEE HOWARD**...*RESIDENTIAL*
11420 **SHARON D MILLER**...*RESIDENTIAL*
11423 **FRANCES H FINAR**...*RESIDENTIAL*
11423 **GEORGE DURM**...*RESIDENTIAL*
11432 **JOHNNY QUIJANO**...*RESIDENTIAL*
11432 **JOSE J MORALES**...*RESIDENTIAL*
11432 **M HALE**...*RESIDENTIAL*
11432 **V DAVIS**...*RESIDENTIAL*
11438 **MABILIA MENDOZA**...*RESIDENTIAL*
11441 **CARLA A ADOLPHUS**...*RESIDENTIAL*
11441 **PAUL STRONG**...*RESIDENTIAL*
11449 **K JOHNSON**...*RESIDENTIAL*
11449 **MARIO I ORDUNEZ**...*RESIDENTIAL*
11449 **T FLOYD**...*RESIDENTIAL*
11500 **DESTINEE A NEVILLE**...*RESIDENTIAL*
11500 **SHERENE L HAWKINS**...*RESIDENTIAL*

2008 OXFORD AVE

SOURCE: DIGITAL BUSINESS DIRECTORY

11407 **ALFREDO SAMAYOA**...*RESIDENTIAL*
11421 **ANN WILLIS**...*RESIDENTIAL*
11433 **KENTON D SMARTT**...*RESIDENTIAL*
11434 **FIDENCIO GONZALEZ**...*RESIDENTIAL*
11434 **JAVIER BARBA**...*RESIDENTIAL*
11440 **LONI FONI**...*RESIDENTIAL*
11440 **PAULINE FONI**...*RESIDENTIAL*
11447 **APRIL MOORE**...*RESIDENTIAL*
11447 **CHRISTINE TOWNE**...*RESIDENTIAL*
11447 **TROY CUMMINGS**...*RESIDENTIAL*
11448 **CARLOS NAVA**...*RESIDENTIAL*
11500 **LAURA ROMAN**...*RESIDENTIAL*
11500 **ROBERTO H GONZALEZ**...*RESIDENTIAL*

2008 W IMPERIAL HWY

SOURCE: DIGITAL BUSINESS DIRECTORY

4100 **N & B FURNITURE**...*FURNITURE STORES*
4156 **TOTAL FURNITURE**...*FURNITURE STORES*
4172 **SNAPPY FOOD MART**...*LIQUOR STORES*
4200 **RICOS TACOS EL TIO**...*EATING PLACES*

2003 MENLO AVE

SOURCE: DIGITAL BUSINESS DIRECTORY

11423 **GABINO VALADEZ**...*RESIDENTIAL*
11432 **CESAR CORONADO**...*RESIDENTIAL*
11500 **IRENE CLARKE**...*RESIDENTIAL*
11500 **KEVIN LARK**...*RESIDENTIAL*

2003 OXFORD AVE

SOURCE: DIGITAL BUSINESS DIRECTORY

11413 **MARIA A OLMEDO**...*RESIDENTIAL*
11434 **FIDENCIO GONZALEZ**...*RESIDENTIAL*
11434 **MOISES BARBA**...*RESIDENTIAL*
11434 **OSCAR BARBA**...*RESIDENTIAL*
11440 **JIMMY L DEANS**...*RESIDENTIAL*
11443 **C TREADWELL**...*RESIDENTIAL*
11447 **LARRY HOWARD**...*RESIDENTIAL*

2003 W IMPERIAL HWY

SOURCE: DIGITAL BUSINESS DIRECTORY

4100 **N & B FURNITURE**
4156 **TOTAL FURNITURE**
4172 **SNAPPY FOOD MART**
4200 **RICOS TACOS EL TIO**...*STEAK AND BARBECUE RESTAURANTS*

2000 MENLO AVE

SOURCE: HAINES

11405	XXXX
11413	MEDO VLAHO
11420	DURM GEORGE
11420	HOWARD ANDREW
11420	HOWARD SUPANEE
11420	LEON JOSE
11420	THOMAS TERRY
11420	TSVILIK MICHAEL
11432	APARTMENTS
11432	CORTEZ ANA
11432	GALLEGOS DAVID
11432	LOZANO JOAQUINA
11432	MARTINEZ YESENIA
11432	MORALES JOSE J
11432	OUIJANO JOHNNY
11438	JOSEFINA MARTA
11438	MENDOZA MABELIA
11441	ADOLPHUS CARLA A
11441	BENITEZ ENRIQUE
11446	GALICIA ROSA
11449	FLOYD T
11449	LEON JOSE
11500	DEBRUYN HAROLD
11503	MCCLAIN JEFFERY L

2000 OXFORD AVE

SOURCE: HAINES

11407	SAMAYOA ALFREDO
11407	SAMAYOA SAUL
11409	DOYLE MICHAEL
11412	XXXX
11413	AGUILAR FELICIANO
11421	TURNER CHERYL
11421	WILLIS ANN
11422	XXXX
11430	SMART KENTON
11430	SMARTT KENTON D
11434	BARBA OSCAR
11434	GONZALEZ FIDENCIO
11434	JIMENEZ MAXIMIANO
11435	FRANKLIN EUSTACE
11437	WILSON JANICE
11439	KIRKUM VERONICA
11440	FONI PAULINE
11441	YNIESTA STELLA
11443	MARKHAM JACQUELINE
11443	TREADWELL C
11447	HOWARD LARRY
11447	YUSTER ALAN
11448	LOPEZ PEDRO
11448	NAVA CARLOS
11500	GONZALEZ ROBERTO H
11500	HERNANDEZ ROBERTO
11500	ROMAN LAURA
11501	MACIAS JOSE
11501	RODRIGUEZ ANTONIO

2000 W IMPERIAL HWY

SOURCE: HAINES

4100	MANCINO VINCENT
4100	N&B FURNITURE
4120	XXXX
4151	XXXX
4156	TOTAL FURNITURE
4161	XXXX
4163	XXXX
4172	SNAPPY FOOD MART
4173	XXXX
4175	XXXX
4179	XXXX
4200	GOMEZ JOSE
4201	CARTIER SASCHA
4201	L A X MACK MIDLINER SALES & SERVY
4201	MACK TRUCKS
4201	RICOS TACOS EL TIO

1995 MENLO AVE

SOURCE: HAINES

11405	XXXX
11420	HOWARD ANDREW
11420	HOWARD SUPREME
11423	VALADEZ GABINO
11432	CORONADO CESAR
11438	MILIAN MARIA
11441	XXXX
11446	XXXX
11449	ZAMUDIO DALIA
11500	CLARKE IRENE
11503	WILLIAMS KENNETH

1995 OXFORD AVE

SOURCE: HAINES

11407	**XXXX**
11409	**SATELLITE SERV GRP**
11412	**XXXX**
11413	**ANGULO OLMEDO MAR**
11413	**OLMEDO TERESA A**
11421	**CRUZ EDVIN A**
11422	**XXXX**
11433	**XXXX**
11434	**BARBA MOISES**
11434	**BARBA OSCAR**
11434	**GONZALEZ FIDENCIO**
11435	**XXXX**
11437	**XXXX**
11439	**XXXX**
11440	**XXXX**
11443	**TREADWELL C**
11447	**HOWARD LARRY**
11448	**LOPEZ PEDRO**
11500	**XXXX**
11501	**QURESHI MOHAMMAD**

1995 W IMPERIAL HWY

SOURCE: HAINES

4100	**N&B FURNITURE**
4120	**XXXX**
4151	**XXXX**
4156	**TOTAL FURNITURE**
4161	**XXXX**
4163	**XXXX**
4172	**SNAPPY FOOD MART**
4173	**XXXX**
4175	**XXXX**
4179	**XXXX**
4200	**TACO TIO**
4201	**CA LIMITED PARTNERS**
4201	**L A X MACK MIDLINER**
4201	**MACK TRUCKS**

1990 MENLO AVE

SOURCE: HAINES

11405	**RUIZ JUANA**
11413	**XXXX**
11420	**OLLOQUI JUAN MANUEL**
11423	**NGUYEN KHANH T**
11423	**VALADEZ GABINO**
11432	**RIVERA DELFINA**
11432	**VILLAREAL JESUS**
11438	**MENDOZA JUAN**
11446	**GOOD SHERRIL**
11503	**XXXX**

1990 OXFORD AVE

SOURCE: HAINES

11407	**SALAS CARLOS**
11409	**XXXX**
11412	**XXXX**
11413	**MERAZ OLIVIA**
11421	**XXXX**
11422	**XXXX**
11433	**XXXX**
11434	**CASILLAS GUADALUPE**
11435	**FRANKLIN KERRY**
11437	**XXXX**
11439	**XXXX**
11440	**HUNNEL HAROLD**
11440	**HUNNEL LULA**
11443	**TREADWELL C**
11447	**XXXX**
11500	**DROMA BETZABETH**
11501	**BHOLAT YACOOB**
11501	**KHAWAJA SARA**

1990 W IMPERIAL HWY

SOURCE: HAINES

4100	SUPER DISCOUNT FURN
4100	WONGPUM LINGERIE
4120	XXXX
4151	XXXX
4156	CARPET HOME
4161	XXXX
4163	XXXX
4172	SNAPPY FOOD MART
4173	XXXX
4175	XXXX
4179	XXXX
4200	SNAPPY SEAFOOD
4201	PRINCE PONTIAC

1985 MENLO AVE

SOURCE: HAINES

11405	LEKHIEN V
11405	MARTINEZ YOLANDA
11405	NGUYEN KHANH T
11410	CHILDRESS ANNE
11410	CHILDRESS FLORENCE
11413	JONES DIANE
11413	LOWERY C
11413	TYE JOHN T
11420	HELM ANNIE W
11423	FERRERA NICHOLAI B
11423	LISBOA MARRIANNE
11423	MINOR G
11423	PARQUE RICHARD C
11432	XXXX
11438	MENDOZA JUAN
11441	CEBALLOS BERTHA
11446	XXXX
11449	BRANCATO JOHN
11500	JONES MINNIE B
11500	NEAL ALBERT
11500	WILEY JEAN
11503	MACLEOD DAVID M

1985 OXFORD AVE

SOURCE: HAINES

11409	**XXXX**
11412	**XXXX**
11413	**XXXX**
11421	**ROMERO EDUARDO F**
11422	**XXXX**
11433	**XXXX**
11434	**GONZALEZ HUMBERTO L**
11435	**FRANKLIN EUSTACE**
11437	**XXXX**
11439	**XXXX**
11440	**HUNNELL HAROLD**
11443	**TREADWELL C**
11447	**DUONG THANG V**
11448	**BARBOZA SAMUEL S**
11500	**WEST ANGELA**
11501	**XXXX**

1985 W IMPERIAL HWY

SOURCE: HAINES

4055	**FELIX AUTO REPAIR**
4100	**DONS MAINTENANCE**
4100	**DONS VACUUM**
4107	**APARTMENTS**
4107	**ARREDONDO MIRIAM S**
4107	**BRANBILA DIDNICIO R**
4107	**CAGREEO ROSA**
4107	**FIRESIDE MANOR HOTL**
4107	**HENDERSON HARRIS**
4107	**MAZARIEGOS ZEILA**
4107	**MUNOZ PEDRO**
4107	**NAVARRO EDELIA**
4107	**TINDI ENRIQUE P**
4107	**URIOSTEGUE ISMAEL**
4107	**ZAVALA MAURILIA A**
4120	**KIM DISCOUNT**
4151	**TACO BELL**
4156	**IMPAL PLUMBING&HDWR**
4161	**BEER COUNTRY**
4161	**HAT CLUB THE**
4163	**STERNBERG JOSEPH**
4172	**SNAPPY FOOD MART**
4173	**MODERNISTIC**
4175	**SANTA BARBARA TV**
4177	**FLORES GUADALUPE O**
4179	**XXXX**
4200	**THADS**
4201	**PUROLATOR COURIER**

1981 MENLO AVE

SOURCE: HAINES

11405	NEUYEN EM U
11405	NGUYEN KHANH T
11410	CHILDRESS ANNE
11410	CHILDRESS FLORENCE
11410	ESTRADA GEO A
11413	ESPINOSA FELIX
11413	HOPE C I
11413	MEDO VIAHO
11420	HELM ANNIE W
11423	PARQUE RICHARD C
11423	WOODS GEO W
11432	XXXX
11438	XXXX
11441	NGO ICH
11446	XXXX
11449	BRANCATO JOHN
11500	CARSON MICHAEL
11500	LEVY ISRAEL
11503	REYNOLDS ETHEL M

1981 OXFORD AVE

SOURCE: HAINES

11409	XXXX
11412	CASTILLO EVA M
11413	XXXX
11421	ERENA ROBERTO
11421	ROMERO EDUARDO F
11422	MAEZ DEE
11433	XXXX
11434	GONZALEZ HUMBERTO L
11439	PACIFIC PLAZA TWNHM
11440	MCINTOSH JOHN
11447	ABDELMELEK A N
11448	BARBOZA SAM L S
11500	FERNANDEZ JOE JR
11501	JOHNSON DONALD

1981 W IMPERIAL HWY

SOURCE: HAINES

4055	FELIX AUTO REPAIR
4100	MANCINO MNTNC CO
4100	SINGER CO MANCINO
4107	ACUNA JESSE F
4107	APARTMENTS
4107	FIRESIDE MANOR HOTL
4107	HARRIS HENDERSON
4107	HERNANDEZ SERGIO
4107	LIM SOO T
4107	LOPEZ ANTONIO
4107	LOPEZ RICHARD
4107	MADINA JOSE
4107	MARKS WILLIAM
4107	RAMIREZ MARIA G
4107	RAMOS DONACIANO
4107	RENDON SANTOS
4107	TRAN KIET
4107	ULOA RUBEN
4120	J&G BODY&FENDER
4151	XXXX
4156	CASA DEROYAL
4156	CASA DEROYAL FRNTR
4161	BEER COUNTRY
4161	HAT CLUB THE
4163	XXXX
4172	HOUSE OF KURLS
4172	SNAPPY FOOD MART
4173	A F P DSCNT HDRWR
4173	ANTIQUE FURN PALACE
4175	SANTA BARBARA TV
4177	FLORES GUADALUPE O
4179	TORRES NELSON
4200	IMPERIAL DRIVE IN
4201	PONTIAC SKYLAND
4201	SKYLAND PONTIAC

1978 MENLO AVE

SOURCE: HAINES

11405	LILLY RAYMOND
11405	TELLO APOLINAR
11410	ARTIGA M E
11410	CHILDRESS FLORENCE
11410	HERNANDEZ ELIAS
11413	HOPE C I
11413	LE DUNG
11413	MARTINEZ A G
11420	HELM ANNIE W
11423	NGUYEN SANG VAN
11423	PARQUE RICHARD C
11423	PHAM MENH NGUYEN
11423	TRIMARCHI A J
11438	XXXX
11441	JONES G M
11446	XXXX
11449	BRANCATO JOHN
11500	BENGEN OLIVER G
11500	LEVY ISRAEL
11503	REYNOLDS ETHEL M

1978 OXFORD AVE

SOURCE: HAINES

11409	DUMARS JOS M
11412	XXXX
11413	SHERIDAN PEGGY
11413	ZIMMER BERNARD
11421	COBB GORDON
11421	ERENA ROBERTO
11433	KANKA ZOLA-MRS
11434	PIHL RALF
11439	XXXX
11440	MANCZAREK JAMES
11447	XXXX
11448	BARBOZA SAML S
11500	MONTEZ CARLOTA
11501	XXXX

1978 W IMPERIAL HWY

SOURCE: HAINES

4055	FELIX AUTO REPAIR
4100	MANCINO CARPET CLNG
4100	MANCINO MNTNC CO
4100	MANCINO VACUUM
4107	APARTMENTS
4107	BEA WON J
4107	CARNACEON CORRAL
4107	FIRESIDE MANOR HOTL
4107	HATTAR ROUKAN J
4107	JUN CHOONG CHA
4107	LE THI DINH
4107	NGUYEN LOAN VAN
4107	SOTO HERNANDO
4107	TRUONG MINH
4107	UNDERWOOD WILLIAM
4107	VANLY CAN
4107	WILLIAMS JOE
4120	BORGES AUTO REPAIR
4151	TACO BELL
4156	XXXX
4163	BALBOA FINANCL SERV
4163	SWIFT CONSTR CO
4172	SNAPPY FOOD MART
4173	ANTIQUE FURN PALACE
4175	CALA VISTRE R
4177	FLORES GUADALUPE O
4179	RIOS JAVIER
4200	IMPERIAL DRIVE IN
4201	PONTIAC SKYLAND
4201	SKYLAND PONTIAC

1971 MENLO AVE

SOURCE: HAINES

11405	CUTCO CUTLRY DIST
11405	DICKEY ROBT J
11405	EPSTEIN ELI E
11405	SHEPHERD MILES L
11410	CHILDRESS FLORENCE
11413	HOPE C I
11420	WATSON HUGH B
11423	KLUMPP JOHN A
11423	MCCRICKERD JOHN
11423	TRIMARCHI A J
11432	PIERCE KATHLEEN T
11438	JOHNSON WILMER
11441	JONES HAROLD
11449	BRANCATO JOHN
11500	BENGEN OLIVER G
11500	BENSON JAS E
11500	GIRLING HELEN C
11500	RODGERS CHAS
11503	REYNOLDS ETHEL M

1971 OXFORD AVE

SOURCE: HAINES

11409	DUMARS JOS M
11412	PADILLA TIMOTHY
11413	ZIMMER BERNARD
11421	CAMPBELL DAN
11433	AKANKA ZOLA MRS
11434	PIHL RALF
11434	ZABKO VINCENT
11439	AFFOLTER EDITH MRS
11447	NILES JUNE MRS
11448	BARBOZA SAML S
11500	MOYA ESTHER
11500	MOYA JOSE
11500	OLEARY PATRICK J
11501	PILL JOHANN
11501	RACK ROBT
11501	SHERLEY H D

1971 W IMPERIAL HWY

SOURCE: HAINES

4053 GLASOW RUDOLF
4053 PLACE PIGALLE
4100 HOLIDAY FURN CO
4107 ADAMS HOWARD J
4107 BYRNE JOS M
4107 FIRESDE MNR HTL&APT
4107 MCCARTER RICHARD
4120 GGW SERVICE CENTER
4120 WAGNER CARPET CO
4156 PAUL FURN NEW&USED
4156 PAULS FURNITURE
4161 HAT CLUB
4163 ASSOCIATED BUILDERS
4163 D S CONSTRUCTION
4172 SNAPPY FOOD MART
4173 SENIOR CTZN INF BUR
4173 SENIOR CTZN RPR CO
4175 JOS HOUSE BEAUTY
4177 FALES REVA G
4179 EYMAN E B MRS
4200 TASTEE OF HAWTHORNE
4201 DOLMAN PONTIAC TEMP
4201 DOLMAN SERV&PARTS

1966 MENLO AVE

SOURCE: PACIFIC TELEPHONE

11405 BUILDING
11405 DENNEY C
11405 TAYLOR W W
11410 CHILDRESS F
11413 BUILDING
11413 COBB P E
11413 HARPER R L
11413 SHARP W J
11420 WATSON H B
11423 BRANCATO J
11423 BUILDING
11423 COOK A
11423 KLUMPP J A
11423 TRIMARCHI A J
11432 (1/2), SOUTIEA M
11432 NICHOLSON J G
11438 JOHNSON W
11441 JONES H
11446 BROKAW J
11446 BUILDING
11449 STERLING JOHN
11500 BROWN G H
11500 BUILDING
11500 RODGERS C
11503 LORIS EDWARD A
11503 REYNOLDS E M

1966 OXFORD AVE

SOURCE: PACIFIC TELEPHONE

11409	DUMARS JOSEPH M
11413	ZIMMER B
11433	AFFOLTER E
11433	BUILDING
11433	KANAKA ZOLA
11434	ARDUINI B
11434	BUILDING
11434	CHAMPAINE S T
11434	ZABKO V
11447	NILES J
11448	BARBOZA S S
11500	BUILDING
11500	GOSSETT S
11501	BATES L L
11501	BUILDING
11501	DILLON W H
11501	GOINS B
11501	PILL G G

1966 W IMPERIAL HWY

SOURCE: PACIFIC TELEPHONE

4055	CHUCKS GARAGE
4100	HOLIDAY FURN CO
4100	HOLIDAY FURNITURE CO
4107	BUILDING
4107	FIRESIDE MANOR APT
4107	ZIMMERMAN J
4120	OGDON SHELL SERVICE
4151	A-W ROOT BEER DRV-IN
4156	PAULS FURNITURE
4161	HAT CLUB THE
4163	ASSOC GRAND BUILDERS
4163	ASSOCIATED GRND BLDRS
4171	KENNEDY-NEON
4172	SNAPPY FOOD MART
4175	MR JAMES BTY SALON
4177	FALES R G
4178	DINSMORE SAML W

1964 MENLO AVE

SOURCE: PACIFIC TELEPHONE

875	BUILDING
875	GOYEN O V
875	RENAUD R
875	WHITEAKER JAS F MRS
11405	BROWN R E
11405	QUINN PATRICK T
11407	PARTRIDGE A
11410	CHILDRESS F
11413	BUILDING
11420	WAY EDW D
11423	BUILDING
11423	HOLLAND V L
11423	KLUMPP J A
11423	SANTIAGO A E
11423	TRIMARCHI A J
11423	WESTCOTT C R
11432	NICHOLSON J G
11438	JOHNSON W
11441	JONES H
11446	BUILDING
11446	LENDENNIE V D
11449	STERLING JOHN
11500	BUILDING
11500	RABINOWITZ G
11500	RODGERS C
11503	REYNOLDS E M

1964 OXFORD AVE

SOURCE: PACIFIC TELEPHONE

875	ZIMMER BERNARD
11409	DUMARS JOSEPH M
11433	BUILDING
11433	KANAKA ZOLA
11433	MORR LESTER J
11434	BUILDING
11434	HODGES G
11434	MC GUIRE LEO F
11447	NILES J
11448	BARBOZA S S
11500	BUILDING
11500	EDWARDS J D JR
11500	MC CORMACK WM D
11500	SEITS S C
11501	BUILDING
11501	DILLON W H
11501	HARPER T L
11501	HAYASHIDA RAYMOND

1964 W IMPERIAL HWY

SOURCE: PACIFIC TELEPHONE

4055	JIMS TUNE UP SHOP
4100	HOLIDAY FURNITURE CO
4100	REX PURCHASING SERV
4107	BUILDING
4107	FIRESIDE MANOR APT
4107	ZIMMERMAN J (117)
4120	GENE SOUTHERNS
4120	SHELL SERV
4151	A-W ROOT BEER DRV-IN
4156	PAULS FURN NEW - USED
4161	M-E CLUB
4163	ASSOC GRAND BUILDERS
4163	ASSOCIATED GRND BLDRS
4163	LEFEBVRE BASEBALL
4163	SUMMER CAMP CO
4171	WILLIAMS ROBT B
4172	SNAPPY FOOD MART
4173	WOLL C
4175	BEAUTY BY TED-DORIS
4177	FALES GLEN V
4179	CENTENO J
4200	TASTEE FREEZ-LENNOX
4210	DINSMORE SAML W

1960 MENLO AVE

SOURCE: PACIFIC TELEPHONE

795	ROCCA AURELIO
803	LEONHARD L L
811	BARR T C
812	HICKSON E L
823	LINDSTROM R T
827	LORIG LEONARD A
834	RODGERS C
835	REYNOLDS E M
842	LENDENNIE VIRGIL D
843	STERLING JOHN
844	DAUM T A
853	JONES H
854	JOHNSON W
858	ROBERTS MELL
859	BONNER RALPH S
867	ENGLAND HARRIET
867	SARSAR J
868	WAY E D
875	WILKINSON J E
876	BAKER WM J
11405	1/2 BOMBA ANTHONY C
11405	KAVANAGH MARGUERITE

1960 OXFORD AVE

SOURCE: PACIFIC TELEPHONE

794	SMITH C H
795	FAUT DONALD E
802	WEBSTER J R
803	YAKSON DAVID
811	HARDACRE PEARL
816	APARTMENT
818	PENDLEBURY LYNN H
819	APARTMENT
819	GORDON JAS A
819	KAZIMINICKI ARTHUR
819	SCHOMAKER JOHANNES
819	WHISLER EARL D
827	APARTMENT
827	ARDUINI FRED N
827	TALSO RICHARD U
834	APARTMENT
834	GINGLES HUGH A
835	APARTMENT
835	LE BLANC RORT F
835	MINNICH RUSSELL
835	PILL JOHANN
842	BARROZA S S
845	NILES JUNE
849	ARIAS JOVINO JR
850	HUNTER JOHN
858	APARTMENT
858	BLACKFORD BERNICE
858	HODGES GORDEN
859	KANAKA ZOLA
859	MORR LESTER J
875	MC CONAHAY DONNA LEE
875	MC CONAHAY TED
876	OLMSTEAD ESTHER
11409	DUMARS JOSEPH M

1960 W IMPERIAL HWY

SOURCE: PACIFIC TELEPHONE

4055	HYS TIRE SERV
4055	HYS TIRE SERVICE
4100	HOLIDAY FURN CO
4100	HOLIDAY FURNITURE CO
4107	FIRESIDE MANOR APT
4120	HEISICK SHELL SERV
4151	A-W ROOTBEER DRVE-IN
4156	PAULS FURN NEW - USED
4161	M-F CLUB
4163	ASSOC GRAND BUILDERS
4171	KUHL J J
4171	MURPHY RONALD J
4172	SNAPPY FOOD MART
4177	CRAWFORD WM CLYDE
4179	AMOTT DELLA MRS
4200	TASTEE FREEZ-LENNOX
4210	COMELLO JOS

1955 MENLO AVE

SOURCE: PACIFIC TELEPHONE

795	HOBBS LEA L
803	LEONHARD L L
811	BARR T C
812	HICKSON E L
820	GIBSON J A
823	LINDSTROM R T
827	MILLER B S
834	RODGERS C
835	REYNOLDS E M
844	DAUM T A
853	JONES H
854	JOHNSON W
858	ROBERTS MELL
859	WEINBERG D G
867	ENGLAND HARRIET
867	SARSAR J
868	WAY E D
875	WILKINSON J E
876	HALL FLORENCE E
11407	IMPROTA LEVIA

1955 OXFORD AVE

SOURCE: PACIFIC TELEPHONE

793	ARNOLD H
794	SMITH C M
802	YOUNG GEORGE W
811	HARDACRE PEARL
812	JONES T W
826	BOHAY PHIL R
827	PIERCE ZAN
834	JENKINS PEARL M
835	PRESTRIDGE J W
842	BARBOZA S S
845	NILES JUNE
850	SWANSON WILLIAM A
858	ARDUINI F N
859	KANAKA ZOLA
11409	MURPHY C L

1955 W IMPERIAL HWY

SOURCE: PACIFIC TELEPHONE

4055 COUNTY TIRE EXCHANGE
4100 HOLIDAY FURNITURE CO
4120 HOLIDAY SHELL SERVICE
4125 WINGOS NURSERY
4156 PAULS NEW - USED FURN
4161 TRAIL INN
4163 IMPRL MECHANCS OUTLET
4170 IMPERIAL REFRIGR SERV
4171 KUHL J J
4177 CRAWFORD WILLIAM C
4215 CAMP E M

1950 MENLO AVE

SOURCE: LOS ANGELES DIRECTORY CO

STREET NOT LISTED

1950 OXFORD AVE

SOURCE: LOS ANGELES DIRECTORY CO

STREET NOT LISTED

1950 W IMPERIAL HWY

SOURCE: LOS ANGELES DIRECTORY CO

4100	**FOSTER J W**
4100	**PAUL'S FURNITURE**
4100	**SEL-TESS CLNRS & DYERS**
4141	**VACANT**
4153	**VACANT**
4161	**BOB'S PLACE**
4161	**ECKELBARK ROBT**
4165	**CENTURY AUTO TOP SHOP**
4170	**KEEL TIRE SERVICE**
4171	**ESRY R H**
4172	**ART'S FRIENDLY SERVICE GAS STA**
4175	**CRAWFORD C W**
4175	**O K BARBER SHOP**

1947 MENLO AVE

SOURCE: LOS ANGELES DIRECTORY CO

STREET NOT LISTED

1947 OXFORD AVE

SOURCE: LOS ANGELES DIRECTORY CO

STREET NOT LISTED

1947 W IMPERIAL HWY

SOURCE: LOS ANGELES DIRECTORY CO

4053	BOGARD L L
4100	PARKER C L
4100	QUAINTANCE R S
4103	PHILIPP H A
4111	PHILIPP H A
4120	BOECK W G
4161	ECKELBART ROBT
4165	CENTURY AUTO TOP SHOP
4171	ESRY H L
4171	ESRY R H
4172	KRAMER TIRE SERV
4175	CRAWFORD C W
4175	CRAWFORD W C
4215	VEVERS MARIE MRS

1942 MENLO AVE

SOURCE: LOS ANGELES DIRECTORY CO

811	BARR T C
812	LANGE G A
820	DAVIS M A MRS
823	MARTENS P J MRS
826	TINGLE R U
827	MUMBLEAU M M
834	BOUFFARD J A
835	WHITMORE MARLON
836	NEVILLE DON
842	EASLEY RALPH
843	CHRISTENSEN R M
844	DVER M M
853	BRANT R G
858	CARLSON ELNA MRS
858	CRAIN R O
859	VACANT
867	SARSAR JACOB
868	VACANT
875	WILKINSON JOHN
876	SNIDER R J
891	WILCOX E C

1942 OXFORD AVE

SOURCE: LOS ANGELES DIRECTORY CO

795 BRUSCIA ANTHONY
816 BYRNE W H
819 DENNIS J B
820 BYRNE F W
826 GUSEMAN E T
827 PARKER EDNA A
834 FORMAN E F MRS
835 PUMPHREY PARTHENIA MRS
849 KOWALSKI MARCUS
850 SWANSON W A
859 ARMSTRONG RUTH MRS
859 KANKA CHAS
863 GERDON L R
875 MANN JAS
876 BURZINSKI E M
876 BURZINSKI M A

1942 W IMPERIAL HWY

SOURCE: LOS ANGELES DIRECTORY CO

4056 MOONEY WM CLO CLNR
4103 PHILIPP H A
4111 PHILIPP H A
4120 RYAN D S GAS STA
4161 VACANT
4171 MACK C W
4172 MIDDLETON PLEZ GAS STA
4175 WORTHEN ROBT
4215 BLAIR O E

1938 MENLO AVE

SOURCE: LOS ANGELES DIRECTORY CO

792	PALASOA SAML
812	LANGE G A
820	DAVIS MAURICE
823	MARTIN P J MRS
826	WILLIS JEAN MRS
827	KURT A S
834	NELSON EVERETT
835	WHITMORE MARION
836	JONES MARY MRS
842	WERNER A C
844	DYER M M
858	1/2 CARLSON ELNA MRS
858	CRAIN R O
859	HOWARD V Z
867	SARSAR JACOB
868	FREER JAS
876	SNIDER R J
876	WILKINSON JOHN
891	WHITE EMILY MRS
891	WILCOX E C
892	PETERSON JESSIE MRS

1938 OXFORD AVE

SOURCE: LOS ANGELES DIRECTORY CO

766	STINGLE J S
816	BYRNE W H
818	COLLINS E E MRS
819	ECKART J F
826	GUSEMAN E T
827	PARKER EDNA A
834	FORMAN O L
835	PUMPHREY PARTHENIA MRS
859	HAYNIE ZOLA MRS
863	GERDON L R
875	MANN JAS
876	BURZINSKI EDW
876	BURZINSKI MICHL

1938 W IMPERIAL HWY

SOURCE: LOS ANGELES DIRECTORY CO

4053	VACANT
4100	GEORGE RALEIGH GAS STA
4103	PHILIPP H A
4111	PHILIPP H A JR
4160	CHILDS C V
4171	MACK C W
4172	CHILDS C V GAS STA
4175	KYLE H R
4215	HARPER J W

1933 MENLO AVE

SOURCE: LOS ANGELES DIRECTORY CO

812	LANGE G A
820	DAVIS MORRIS
823	NEWMAN CHAS
826	VACANT
827	CUTHBERT CLARENCE
834	VACANT
835	BARCLAY W R
836	NELSON EVERETT
842	CRAIN W R
844	DYER M M
858	CARLSTROM N W
859	HUNT O M
867	VACANT
868	SCHWEIKERT FRANK
875	WILKINSON JOHN
876	SNIDER R J
891	WILCOX E C
892	VACANT

1933 OXFORD AVE

SOURCE: LOS ANGELES DIRECTORY CO

816 **BYRNE W H**
818 **COLLINS E E MRS**
819 **VACANT**
826 **GUSEMAN E T**
827 **PARKER EDNA A**
834 **FORMAN O I**
835 **KING E M MRS**
859 **HAYNIE O C**
863 **GERDON L R**
875 **VACANT**
876 **WILKINSON J E**
883 **MANLEY M J**
891 **GEORGE R F**

1933 W IMPERIAL HWY

SOURCE: LOS ANGELES DIRECTORY CO

4049 **WANG LOUIS**
4100 **GLADWIN P H GAS STA**
4103 **PHILIPP H A**
4160 **GRAY E B**
4172 **GRAY E B GAS STA**
4215 **VACANT**

1927 MENLO AVE

SOURCE: KAASEN DIRECTORY

STREET NOT LISTED

1927 OXFORD AVE

SOURCE: KAASEN DIRECTORY

STREET NOT LISTED

STREET NOT LISTED

4047 | 6 SHEET 1

SCALE 1" = 60'

2009

Revised
550202
550614
590115
610327
720403307
730730201
800709812
810721404
850226-85
850415
850517-85
910305
2008051507

4265 — 10788 | 10788 — 4260

OSAGE AVE. / OXFORD AVE.

60 | 60

HWY. 107

IMPERIAL C.S.B.-1629

BK. 4035

20 | 33 | 50 | " | 50 | 100 | 50 | " | " | 50 | 49 | 52 | 50

131.73 | 131.72 | 131.71 | 131.71 | 131.7 | 131.68 | 131.68 | 131.67 | 131.66 | 131.65 | 95 | 95

(12) | (13) | (14) | (15) | (25) to (30) | (17) | (18) | (19) | (20) | (21) | (22)

265 POR. | 266 | 267 | 268 | 1 | 271 | 272 | 273 | 274 | 275 | 276

1 | 36.65 | 36.64

100 | 50

33 | R. | S. | 50 | 50 | 94 | - | 13 | | - | 16

241 POR. | 242 | 243 | 244 | 245 | 246 | 247 | 248 | 249 | 250 | 251 | 252

119.54 | 131.54 | 131.54

(1) | (2) | (3) | (4) | (5) | S 89°59'45"E | (6) | (7) | (23) | | (10) | (11)

20 | R=12 | 18.85 | 21

50 | " | " | " | " | " | " | " | " | " | 50 | 52

NORTH

50 | 50

EASTWOOD AVE. / MENLO AVE.

4265 — 10788 | 10788 — 4260

50 ST. | 116TH 50

(11)

*Diagrammatic depicts approximate dimensions.

The assessment of units in the following Condominium Plans, includes all rights and interests in the common areas as set forth in deeds of record.

Condominium Plan Reference	Common Area Tract No.	Lots	Units	Subdivision of Airspace
#1181880* 11-21-80	PM 123-90	1	--	Sheet 2

FAIRFAX PARK

M.B. 20-138-139

CONDOMINIUM

PARCEL MAP

P.M. 123-90

CODE
4260
4265
10788

FOR PREV. ASSM'T. SEE:
4040 - 12

ASSESSOR'S MAP
COUNTY OF LOS ANGELES, CALIF.

Gmail

Ramil Reyes <ramrey23@gmail.com>

HHMD No File Responsive :: H068015-112124

1 message

LACoFD <lacountyfire@govqa.us> Thu, Nov 21, 2024 at 11:05 PM
To: "ramrey23@gmail.com" <ramrey23@gmail.com>

RE: PRA of November 21, 2024, Reference # H068015-112124.

Dear Ramil Reyes,

The Los Angeles County Fire Department, Health Hazardous Materials Division, being the custodian or keeper of records, certify that a thorough search for the records you requested has been carried out.

Re: 4120 W IMPERIAL HWY
HAWTHORNE CA 90304

The search revealed that your noted address did not match our database.

It should be understood that this does not mean that the records you requested do not exist. It is possible that such records may be misfiled; exist under another spelling, another name, or may have been destroyed based on this Department's Record Retention Policy. However, with the information furnished to our office, and to the best of our knowledge, no records were located.

For businesses in Burbank, Culver City, Downey, City of LA, La Habra, Monrovia, Pasadena, Santa Monica, Torrance & Underground Storage Tanks in Los Angeles County jurisdiction click here.

Los Angeles County Fire Department

Health Hazardous Materials Division

Site Administrator

County of Los Angeles
Fire Department

Gmail

Ramil Reyes <ramrey23@gmail.com>

HHMD No File Responsive :: H068016-112124

1 message

LACoFD <lacountyfire@govqa.us> Thu, Nov 21, 2024 at 11:05 PM
To: "ramrey23@gmail.com" <ramrey23@gmail.com>

RE: PRA of November 21, 2024, Reference # H068016-112124.

Dear Ramil Reyes,

The Los Angeles County Fire Department, Health Hazardous Materials Division, being the custodian or keeper of records, certify that a thorough search for the records you requested has been carried out.

Re: 11410 MENLO AVE
HAWTHORNE CA 90304

The search revealed that your noted address did not match our database.

It should be understood that this does not mean that the records you requested do not exist. It is possible that such records may be misfiled; exist under another spelling, another name, or may have been destroyed based on this Department's Record Retention Policy. However, with the information furnished to our office, and to the best of our knowledge, no records were located.

For businesses in Burbank, Culver City, Downey, City of LA, La Habra, Monrovia, Pasadena, Santa Monica, Torrance & Underground Storage Tanks in Los Angeles County jurisdiction click here.

Los Angeles County Fire Department

Health Hazardous Materials Division

Site Administrator

County of Los Angeles
Fire Department

DEPARTMENT OF PUBLIC HEALTH REQUEST FOR PUBLIC RECORDS FORM

Please complete the form below to request records from the County of Los Angeles Department of Public Health (DPH). Once completed, please Email the form to: phicor@ph.lacounty.gov. Please note that requests for information are not subject to the CPRA and should be made directly to the DPH Infoline at (833) 540-0473.

REQUESTOR INFORMATION		
Your Name *		Ramil Reyes
Phone Number		
Organization Name		Partner Engineering
Mailing Address		
Your Email Address *		ramrey23@gmail.com

DESCRIPTION OF RECORDS REQUESTED: Please provide a detailed description of the record(s) you are seeking and the specific time period of the records being sought. Specific description information will assist DPH in locating the records.

Any Environmental Health records for environmental assessment on following site:

4120 W. Imperial Hwy & 11410 Menlo Avenue, Hawthorne CA 90304

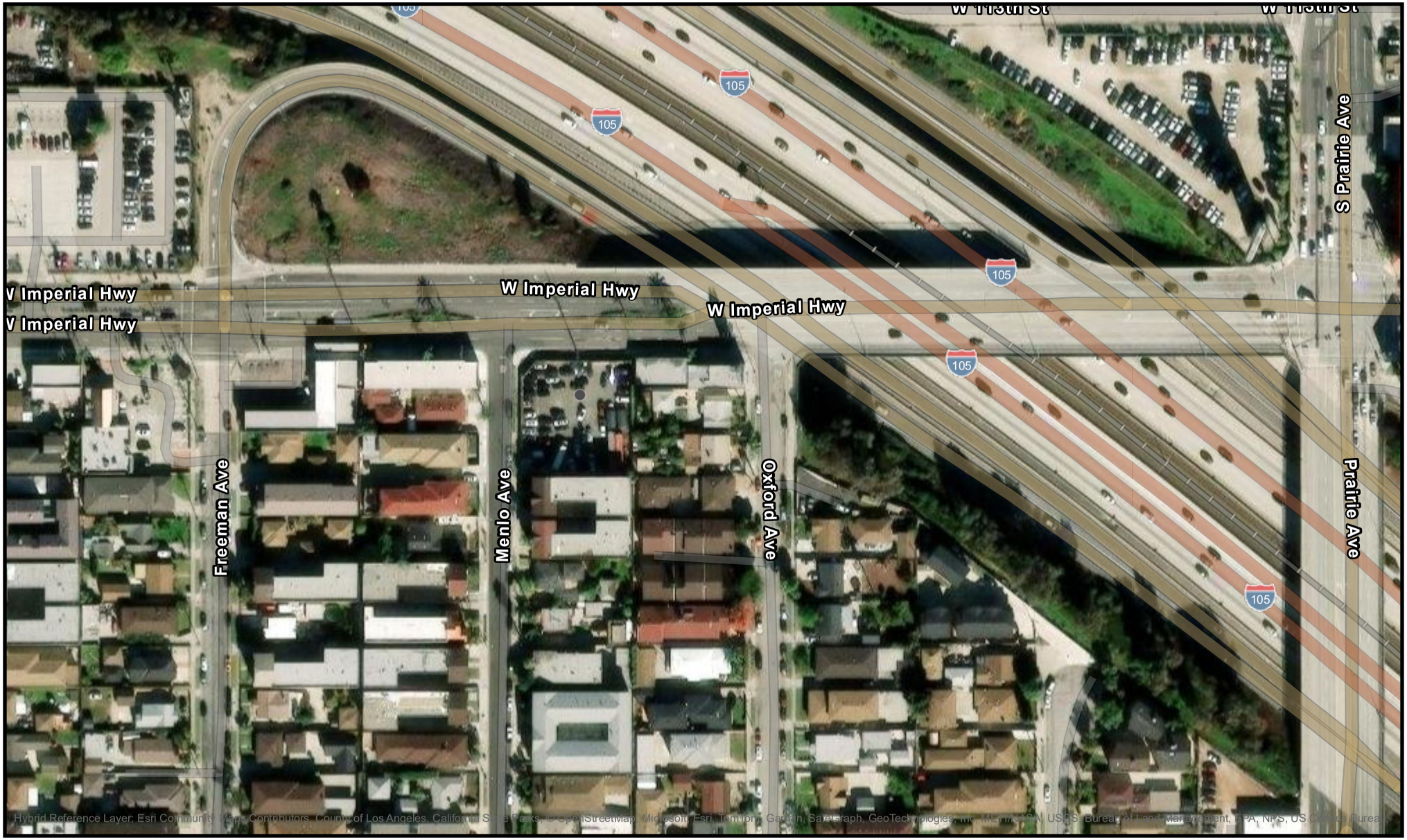
IF YOUR REQUEST SEEKS RECORDS FROM AN INSPECTION OR COMMUNICABLE DISEASE INVESTIGATION, PLEASE PROVIDE ADDITIONAL INFORMATION BELOW *(Please be as specific as possible)*

Description of Inspection or Investigation		
Date/Time or Date Range of inspection or Investigation		
Address/Location		
Property Type: Residential (Residence Type) / Business (Name of Business)		
Victim/Patient/ Complainant Name		
Type of Disease		
Property Owner Name		

IF YOUR REQUEST SEEKS ENVIRONMENTAL HEALTH INSPECTION RECORDS, PLEASE SPECIFY THE TYPE OF INSPECTION * *(Choose only one per request)*

ENVIRONMENTAL HEALTH INSPECTION REPORTS

Residential Housing: Apartment Building, Condominium Complex, Single-Family, Home, Institutional Housing Inspections	☐	*Mobile Food Facility Inspections: Food Trucks, Carts or Sidewalk Vendors*	☐	*Solid Waste Facility or Landfill Inspections*	☑	*Medical Marijuana Program*	☐
Lead and Lead Paint Inspections of Residential Housing	☐	*Retail Food Inspection: Markets and Stores*	☐	*Recycled Water*	☐	*Animal Food Market*	☐
Motels, Hotel, or Interim Housing Inspection	☐	*Food Facilities: Restaurants, Cafeterias*	☐	*Septic Tanks*	☑	*Animal Bite Report*	☐
Residential Pools	☐	*Foodborne Illness or Food Poisoning*	☐	*Water Wells*	☑	*Body Art / Tattoo Parlor*	☐
Schools and Day Care Inspection	☐	*Cottage Food Operation*	☐	*Sewage*	☐	*Public Swimming Pools*	☐



0 0.055 0.11 mi

0 0.065 0.13 km

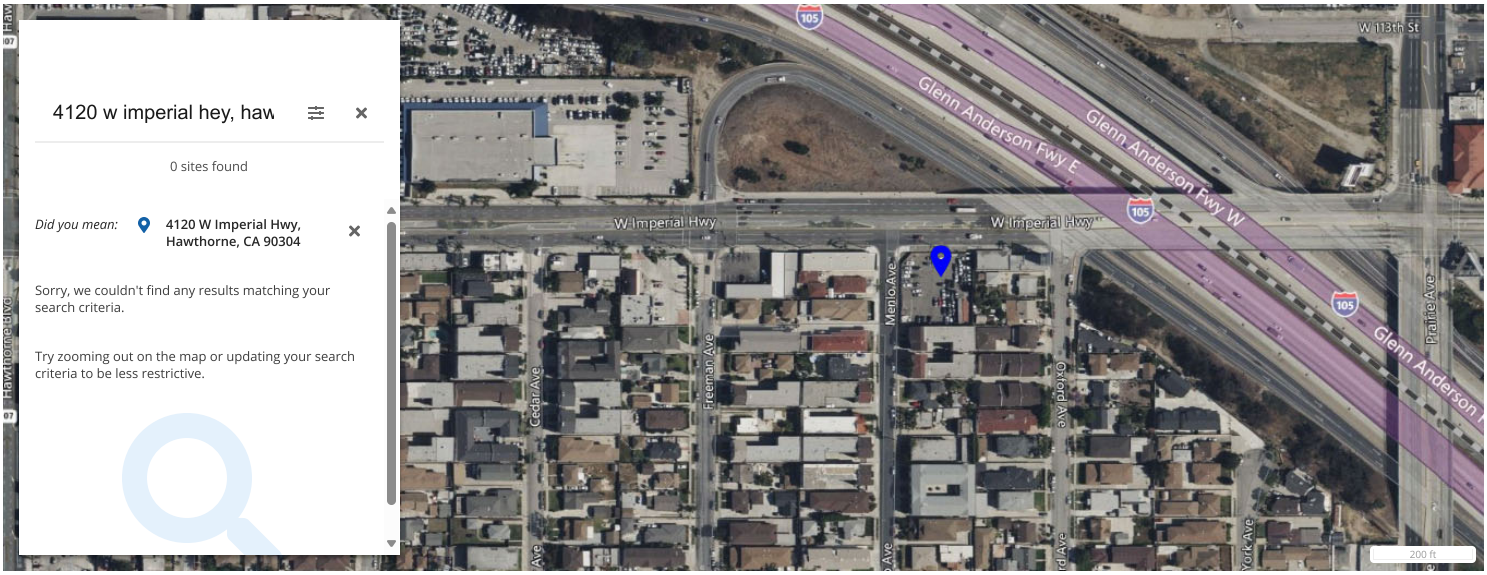
Powered by

11/23/2024

Well Status & Type

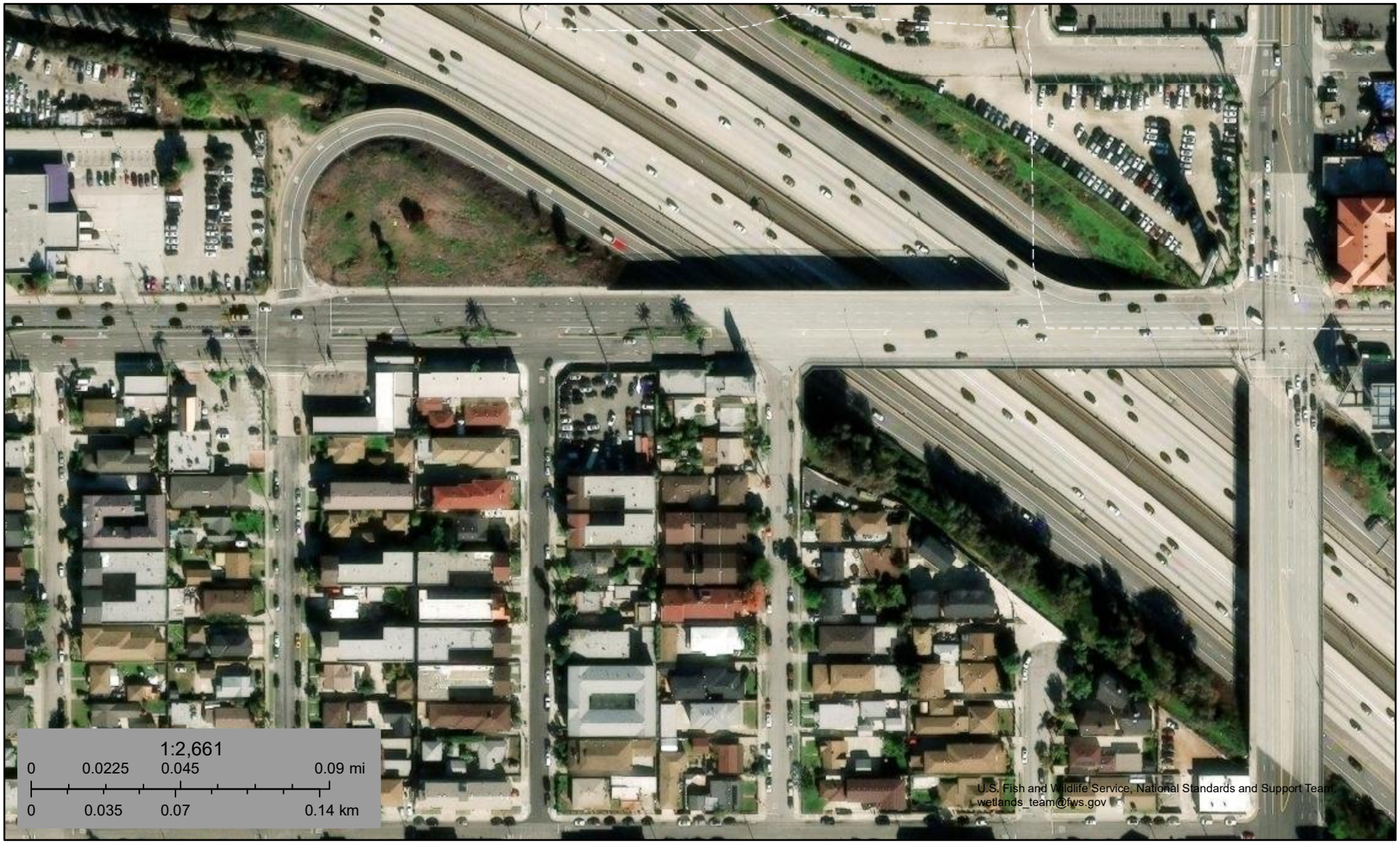
Geologic Energy Management Division
715 P Street, MS 1803
Sacramento, CA 95814
Phone: (916) 445-9686
Email: calgem_webmaster@conservation.ca.gov
www.conservation.ca.gov/calgem

California Natural Resources Agency
Department of Conservation


4120 w imperial hey, haw
0 sites found
Did you mean:
4120 W Imperial Hwy, Hawthorne, CA 90304
Sorry, we couldn't find any results matching your search criteria.
Try zooming out on the map or updating your search criteria to be less restrictive.
W 113th St
Glenn Anderson Fwy E
Glenn Anderson Fwy W
105
W Imperial Hwy
Cedar Ave
Freeman Ave
Menlo Ave
Prairie Ave
York Ave
200 ft

U.S. Fish and Wildlife Service
National Wetlands Inventory

wetlands mapper



November 23, 2024

Wetlands

- Estuarine and Marine Deepwater
- Estuarine and Marine Wetland
- Freshwater Emergent Wetland
- Freshwater Forested/Shrub Wetland
- Freshwater Pond
- Lake
- Other
- Riverine

This map is for general reference only. The US Fish and Wildlife Service is not responsible for the accuracy or currentness of the base data shown on this map. All wetlands related data should be used in accordance with the layer metadata found on the Wetlands Mapper web site.

Back

You searched the following address:

Street Number: 11410 Street Name: Menlo

Our office does not have any records (related to industrial waste/underground storage tanks/stormwater) for the requested site address.

Please double check the spelling of the street name or search a different address. Both street number and street name must be exact and spelled correctly as they appear for the facility on file. Do not include street direction prefix (i.e. N, S, E, W, etc...) or suffix (i.e. ST, AVE, RD, BLVD, etc...) unless they appear in the street name (i.e. AVENUE K, AVENIDA CESAR CHAVEZ, 10TH ST EAST, CROSSROADS PKWY N, etc...). Do not include any extra spaces after the street number or after the street name.

Back

Back

Click on the file number(s) below to review the scanned documents for the requested site address. If the file number(s) is greyed out and you are unable to click on the file number(s), scanned documents are not available at this time.

Please Note: *All documents have not been uploaded to this webpage. If additional information is needed please contact our public counter at:*

Public Counter
Phone: *626-458-3517*
Hours: *Monday-Thursday 7am – 5pm*
Location: *900 S. Fremont Ave. Annex Bldg 3rd Floor*
Alhambra, CA 91803

FILE#	SITE ADDRESS	FILE NAME	STAT	TYPE
013410-013756	4120 W IMPERIAL HWY HAWTHORNE 90250	GARY GERMAIN	REM	

Back

Gmail

Ramil Reyes <ramrey23@gmail.com>

Building Records Request

1 message

Ramil Reyes <ramrey23@gmail.com> Fri, Nov 22, 2024 at 2:52 PM
To: bldg@hawthorneca.gov

Hello - as part of the environmental assessment we are conducting, I would like to request permit copies (original and new construction, demolition, major installations or removals, certificate of occupancy) for the following properties in the City of Hawthorne:

4436 W. Imperial Hwy
4442 W. Imperial Hwy
4444 W. Imperial Hwy
4120 W. Imperial Hwy
11410 Menlo Avenue

Please let me know if you need any further information.

Thank you,
Ramil Reyes, REPA
Partner Engineering

Parcel Details

- Property records are kept at the South District Office
- How frequently is this site updated? (and other FAQs)

Property Information

Assessor's ID No:	4047-006-002
Address:	11410 MENLO AVE HAWTHORNE CA 90250
Property Type:	Commercial / Industrial
Region / Cluster:	26 / 26815
Tax Rate Area (TRA):	10788

- View Assessor Map
- View Index map

Recent Sales Information

Latest Sale Date:

Indicated Sale Price:

Search for Recent Sales

2024 - Roll Values

Recording Date:	01/25/2017
Land:	$295,833
Improvements:	$5,687
Personal Property:	$0
Fixtures:	$0
Homeowners' Exemption:	$0
Real Estate Exemption:	$0
Personal Property Exemption:	$0
Fixture Exemptions:	$0

- 2024 - Annual taxes
- Property tax payment FAQs
- Estimate supplemental taxes

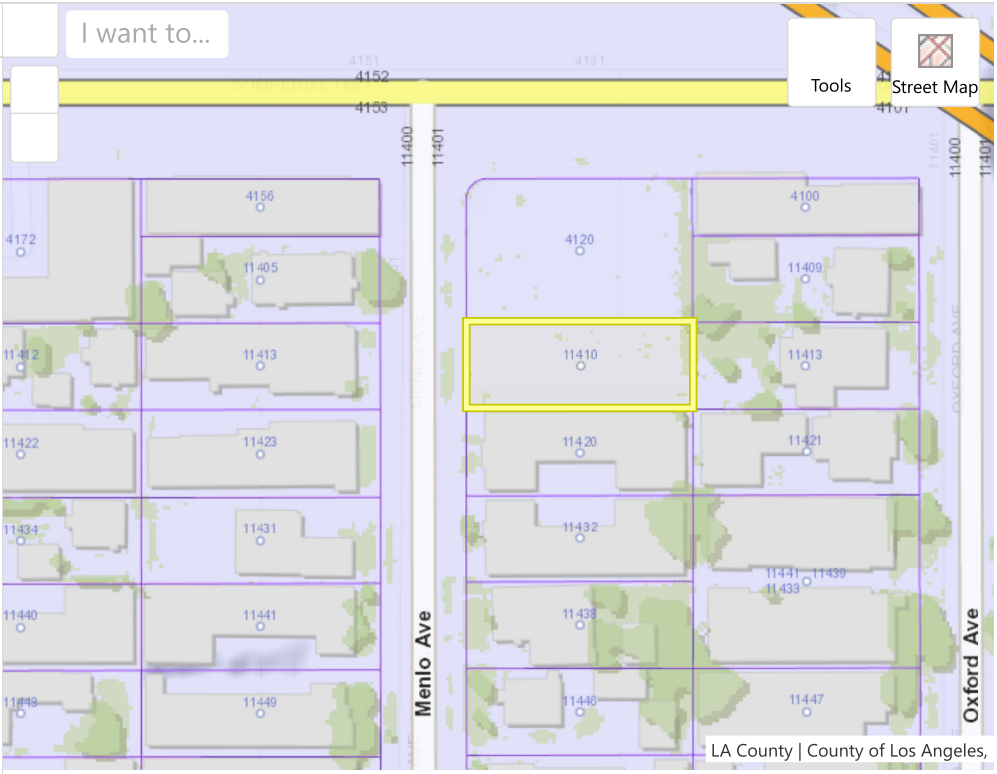
Property Boundary Description

FAIRFAX PARK LOT 243

Building Description

Building Improvement 1

Square Footage:	6,550
Year Build / Effective Year Built:	1998 / 1998
Bedrooms / Bathrooms	0 / 0
Units	0



Parcel Details

- Property records are kept at the South District Office
- How frequently is this site updated? (and other FAQs)

Property Information

Assessor's ID No:	4047-006-001
Address:	4120 W IMPERIAL HWY HAWTHORNE CA 90304
Property Type:	Commercial / Industrial
Region / Cluster:	26 / 26815
Tax Rate Area (TRA):	04265

- View Assessor Map
- View Index map

Recent Sales Information

Latest Sale Date:

Indicated Sale Price:

Search for Recent Sales

2024 - Roll Values

Recording Date:	01/25/2017
Land:	$485,850
Improvements:	$5,687
Personal Property:	$0
Fixtures:	$0
Homeowners' Exemption:	$0
Real Estate Exemption:	$0
Personal Property Exemption:	$0
Fixture Exemptions:	$0

- 2024 - Annual taxes
- Property tax payment FAQs
- Estimate supplemental taxes

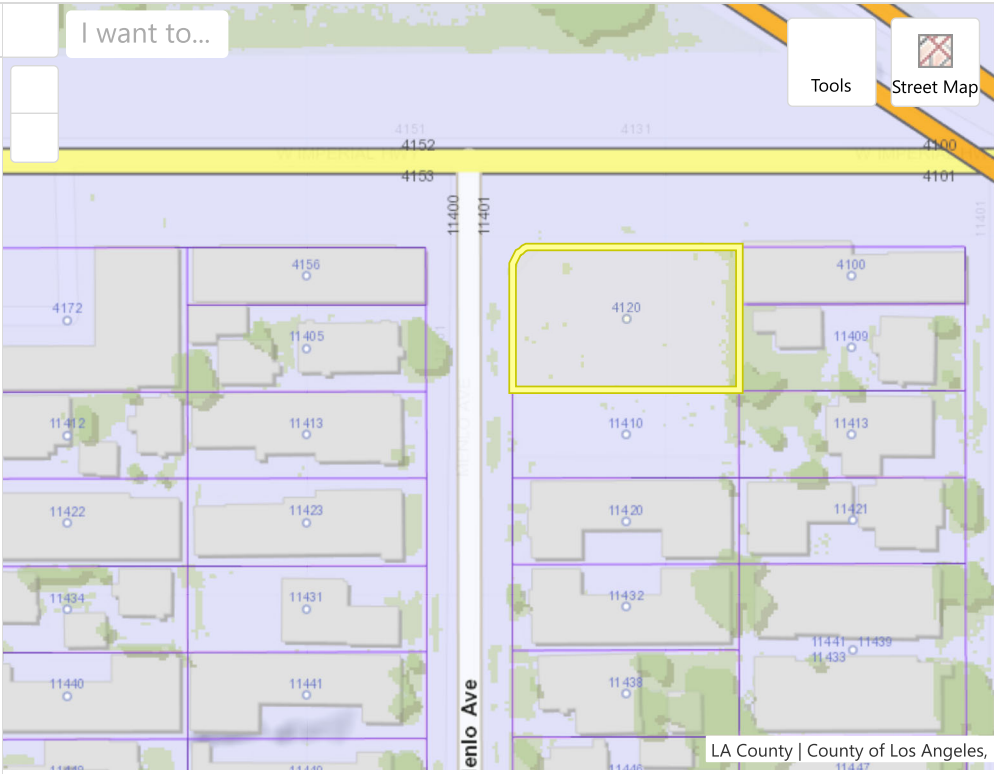
Property Boundary Description

FAIRFAX PARK (EX OF STS) LOT 241 AND ALL OF LOT 242

Building Description

Building Improvement 1

Square Footage:	10,000
Year Build / Effective Year Built:	1998 / 1998
Bedrooms / Bathrooms	0 / 0
Units	0



Search by...

Enter a Handler Name or ID Number

Filters

Physical Address

Advanced Search

imperial

hawthorne

Zip Code...

County...

Handler...

Status...

Category...

ID Type...

Update Clear

39 Results

39 Records

EPA ID	Facility Name	Street	City	State	Count
CAC002773859	CASTILLO. MANUEL	2000 W. IMPERIAL H...	HAWTHORNE	CA	LOS A
CAC002797328	NELLIE GREEN	2008 W IMPERIAL HWY	HAWTHORNE	CA	LOS A
CAC002940521	ROBERT TAYLOR	2030 W IMPERIAL HWY	HAWTHORNE	CA	LOS A
CAC003243604	KING FLOYD	2052 W IMPERIAL HWY	HAWTHORNE	CA	LOS A
CAC002995243	KING, FLOYD	2052 W. IMPERIAL WAY	HAWTHORNE	CA	LOS A
CAC002933588	SUJJAVASIN, LALIDA	2102 W. IMPERIAL HI...	HAWTHORNE	CA	LOS A
CAC002743658	EMAD ESKANDOR	2112 W. IMPERIAL H...	HAWTHORNE	CA	LOS A
CAC002825251	ANNA HILL	2118 W IMPERIAL HWY	HAWTHORNE	CA	LOS A
CAC003203499	LEWIS ROBERT H/LE...	2124 W IMPERIAL HWY	HAWTHORNE	CA	LOS A
CAC003311563	OLIVET LUTHERAN C...	2506 W IMPERIAL HI...	HAWTHORNE	CA	LOS A
CAC003221040	OLIVET LUTHERAN C...	2600 IMPERIAL HWY	HAWTHORNE	CA	LOS A
CAL000341658	HOLLY PARK CLEANERS	2602 W IMPERIAL HWY	HAWTHORNE	CA	LOS A
CAC002569583	ERNEST LOGAN PART...	3636 IMPERIAL HWY	HAWTHORNE	CA	LOS A
CAL920725291	BOBBY'S GARAGE	3740 W IMPERIAL HWY	HAWTHORNE	CA	LOS A
CAC001423016	TOYON LLC	3754 IMPERIAL HWY	HAWTHORNE	CA	LOS A
CAL000182330	TOYON LLC	3754 IMPERIAL HWY	HAWTHORNE	CA	LOS A
CAL000450576	UBER AUTOMOTIVE	3846 W IMPERIAL HWY	HAWTHORNE	CA	LOS A
CAC002188323	DAVID M GOLBAN	3950 W IMPERIAL BL...	HAWTHORNE	CA	LOS A
CAD981172158	1X EXXON STATION #...	4000 W IMPERIAL	HAWTHORNE	CA	LOS A
CAD000319996	1X EXXON STA #72429	4000 W IMPERIAL HWY	HAWTHORNE	CA	LOS A
CAD982005944	1X EXXON STATION 7...	4000 W IMPERIAL HWY	HAWTHORNE	CA	LOS A
CAC000040667	1X GARY GERMAIN	4120 W IMPERIAL	HAWTHORNE	CA	LOS A
CAC002298521	UNITED STATES POST...	4201 IMPERIAL HIGH...	HAWTHORNE	CA	LOS A
CAL000016101	PRINCE PONTIAC & T...	4201 W IMPERIAL HWY	HAWTHORNE	CA	LOS A
CAC001323832	USPS	4201/4249 W IMPERI...	HAWTHORNE	CA	LOS A
CAC001465824	CSKG AMERICA,LLC	4334 IMPERIAL HWY	HAWTHORNE	CA	LOS A
CAC002621914	CHEVRON	4410 IMPERIAL HWY	HAWTHORNE	CA	LOS A
CAC002730810	MOSES AWAD	4444,4448,4460 W. I...	HAWTHORNE	CA	LOS A
CAX000043117	1-DAY PAINT & BODY...	4520 IMPERIAL	HAWTHORNE	CA	LOS A
CAD980674436	HENNIG AUTO BODY ...	4520 IMPERIAL HWY	HAWTHORNE	CA	LOS A
CAL000398646	APRO LLC DBA UNITE...	4558 W IMPERIAL HI...	HAWTHORNE	CA	LOS A
CAL000280145	RAPID GAS INC. #35	4558 W IMPERIAL HWY	HAWTHORNE	CA	LOS A
CAL922025933	RAPID GAS #35	4558 W IMPERIAL HWY	HAWTHORNE	CA	LOS A
CAL000421344	ADOLFOS AUTO REP...	4601 W IMPERIAL HWY	HAWTHORNE	CA	LOS A
CAC002557307	ARCO AM/PM	4742 W IMPERIAL HWY	HAWTHORNE	CA	LOS A
CAC002191937	FRANCES TUCH	4760 W IMPERIAL HWY	HAWTHORNE	CA	LOS A
CAC002469047	FRANCES TUCH	4760 W IMPERIAL HWY	HAWTHORNE	CA	LOS A
CAC003015262	CRUIZERS EXPRESS C...	4810 W. IMPERIAL H...	HAWTHORNE	CA	LOS A
CAC003143966	HAWTHORNE CRUIZE...	4810 W. IMPERIAL H...	HAWTHORNE	CA	LOS A

Export CSV

Page Size: 50

Page: 1 of 1

First Previous 1 Next Last

Search by...

Enter a Handler Name or ID Number

Filters

Physical Address

Advanced Search

menlo

hawthorne

Zip Code...

County...

Handler...

Status...

Category...

ID Type...

Update Clear

9 Results

9 Records

EPA ID	Facility Name	Street	City	State	County
CAC002865689	MARIO TORRES	11725 MENLO AVE	HAWTHORNE	CA	LOS ANGELES
CAC003015893	MARICELA MONR...	11725 MENLO AV...	HAWTHORNE	CA	LOS ANGELES
CAC002853548	DAVID GUTIERREZ	11833 MENLO AV...	HAWTHORNE	CA	LOS ANGELES
CAC002740337	SHIRLEY MANNING	11836 MENLO AVE	HAWTHORNE	CA	LOS ANGELES
CAC002825978	MARIE LEISS	11918 MENLO AVE.	HAWTHORNE	CA	LOS ANGELES
CAL000315372	CATHODE RECYCL...	11947 MENLO AVE	HAWTHORNE	CA	LOS ANGELES
CAC002685411	JOEL TREVINO	11966 MENLO AVE	HAWTHORNE	CA	LOS ANGELES
CAC002830164	VICTOR EGBOKA	12446 MENLO AV...	HAWTHORNE	CA	LOS ANGELES
CAC002658716	IKE MBELU	12712 MENLO AVE	HAWTHORNE	CA	LOS ANGELES

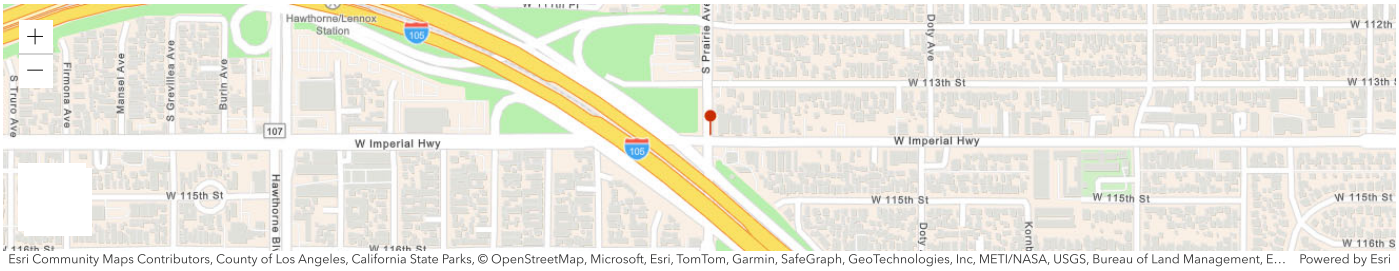
Export CSV Page Size: 50 Page: 1 of 1 First Previous 1 Next Last

Handler Profile

Search for an ID Number

CAC000040667 - 1X GARY GERMAIN

Status: INACTIVE



ID Number Profile

ID Number:	CAC000040667
Facility Name:	1X GARY GERMAIN
ID Number Status:	INACTIVE (expired: 10/25/2000)
ID Type:	TEMPORARY
ID Category:	STATE
Entity Types:	GENERATOR
Issued Date:	10/5/1987
Last Updated:	10/25/2000

Facility Address

4120 W IMPERIAL
HAWTHORNE, CA 90250
LOS ANGELES County
(33.931059, -118.343855)

Mailing Address

--
HAWTHORNE, CA 90250

Owner

--
--
--, 99 --
(000) 000-0000

Requestor

--
--
--
--, 99 --

Contact

GARY GERMAIN
--
--, 99 --
(213) 644-3856

CalEnviroScreen 4.0 Results

Census Tract: 6037600501 (Population: 2712)

The results for each indicator range from 0-100 and represent the percentile ranking of census tract 6037600501 relative to other census tracts.

Overall Percentiles	
CalEnviroScreen:	70
Pollution Burden:	66
Population Characteristics:	66
Environmental Effects	
Cleanup Sites:	17
Groundwater Threats:	0
Hazardous Waste:	38
Solid Waste:	3

NAICS Codes

Annual ID Number Verification History

Year	Status	Method	VQ Number (eVQ)	Completion Date	Last Updated By

No results found matching your search critera.

Page Size: 10 | 0 to 0 of 0 | Page 0 of 0

Manifests

No Manifest Data for this ID Number.

Waste Code Matrix

Entity Type

Generator

Waste Code Type

Non-RCRA

Search

Reset

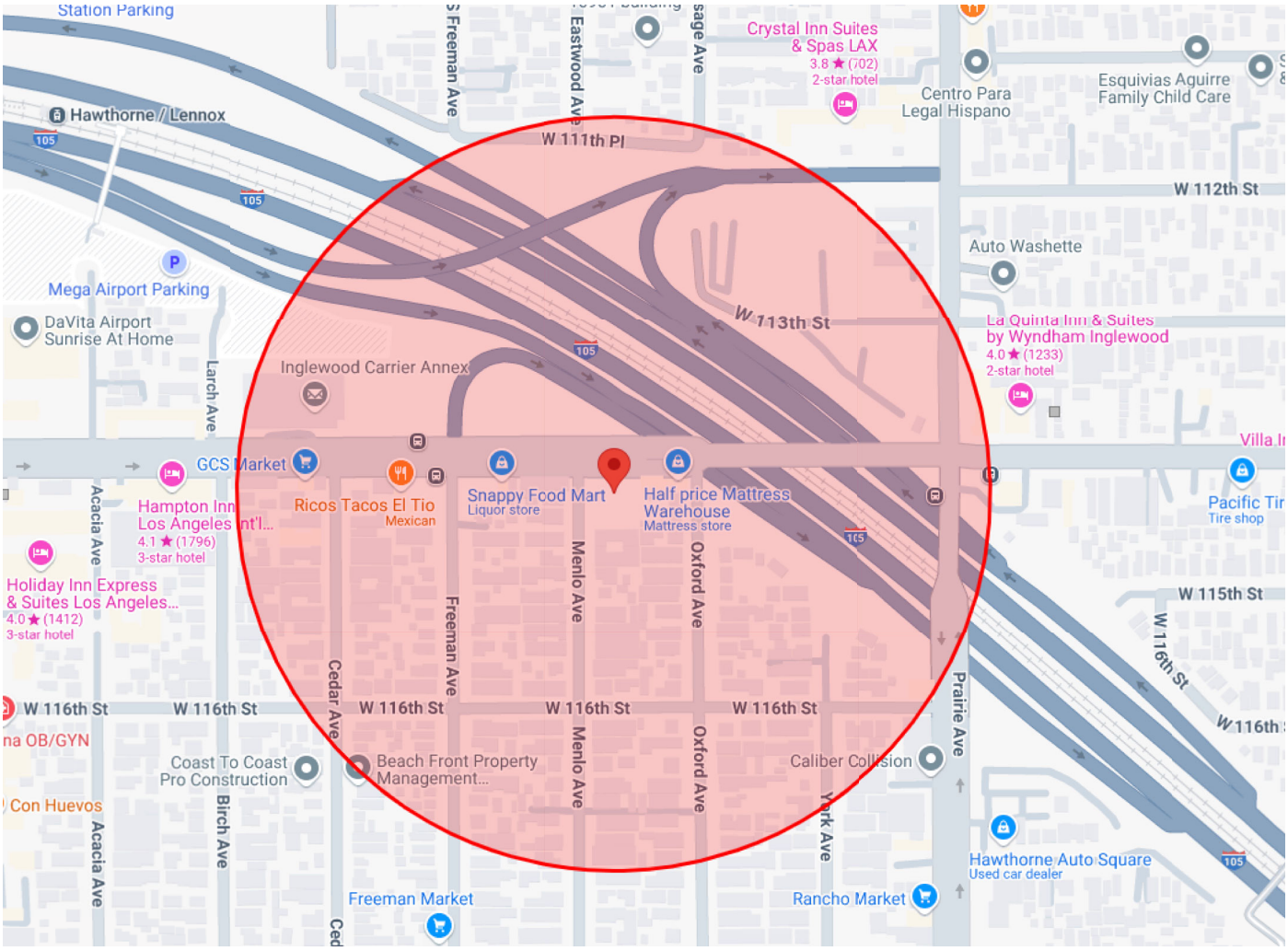
Export CSV

No results found matching your search critera.

Page Size: 50 | 0 to 0 of 0 | Page 0 of 0

Disclaimer: DTSC cannot guarantee that the data accurately reflect what was actually transported or produced. Click here for details.

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LEGEND - CHOOSE MORE SITES

- LUST Cleanup Sites - REMOVE
- Cleanup Program Sites - REMOVE
- Military Cleanup Sites - REMOVE
- Military Privatized Sites - REMOVE
- Military UST Sites - REMOVE

Signifies a Closed Site

ACTIVE MAP COVERAGES:

- Military Bases - REMOVE

SITES VISIBLE ON MAP - CHOOSE FIELDS

SITE NAME	STATUS

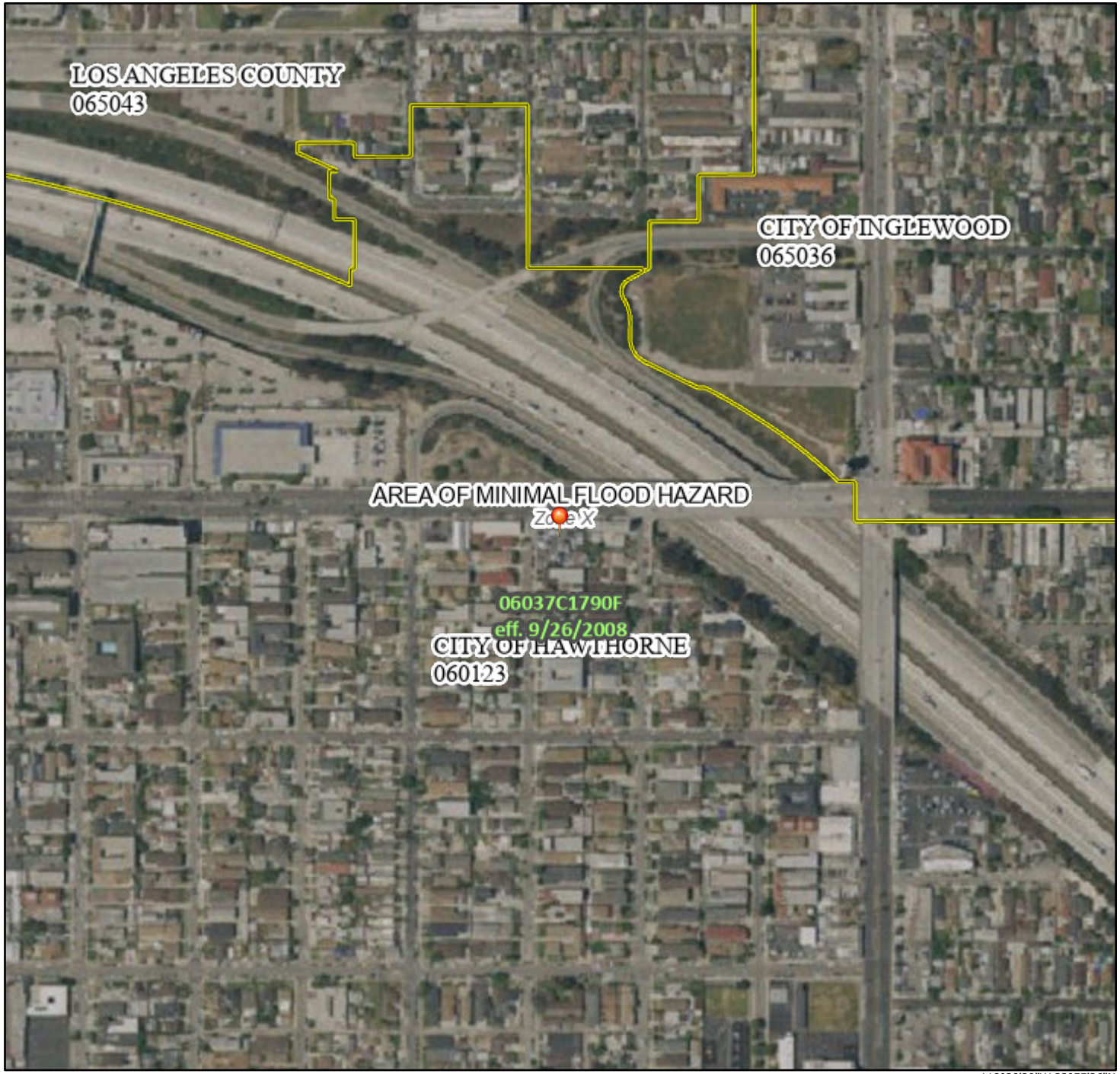
Map data ©2024 Google 50 m

Sites Shown on Map: 6 Total Sites | 2 Open Sites | 4 Closed Sites | 0 Sites w/Water Quality Data

National Flood Hazard Layer FIRMette

FEMA

118°21'7"W 33°56'5"N



0 250 500 1,000 1,500 2,000 Feet

1:6,000

118°20'30"W 33°55'36"N

Basemap Imagery Source: USGS National Map 2023

Legend

SEE FIS REPORT FOR DETAILED LEGEND AND INDEX MAP FOR FIRM PANEL LAYOUT

SPECIAL FLOOD HAZARD AREAS
- Without Base Flood Elevation (BFE) *Zone A, V, A99*
- With BFE or Depth *Zone AE, AO, AH, VE, AR*
- Regulatory Floodway

OTHER AREAS OF FLOOD HAZARD
- 0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile *Zone X*
- Future Conditions 1% Annual Chance Flood Hazard *Zone X*
- Area with Reduced Flood Risk due to Levee. See Notes. *Zone X*
- Area with Flood Risk due to Levee *Zone D*

OTHER AREAS
- NO SCREEN Area of Minimal Flood Hazard *Zone X*
- Effective LOMRs
- Area of Undetermined Flood Hazard *Zone D*

GENERAL STRUCTURES
- Channel, Culvert, or Storm Sewer
- Levee, Dike, or Floodwall

OTHER FEATURES
- 20.2 Cross Sections with 1% Annual Chance
- 17.5 Water Surface Elevation
- Coastal Transect
- 513 Base Flood Elevation Line (BFE)
- Limit of Study
- Jurisdiction Boundary
- Coastal Transect Baseline
- Profile Baseline
- Hydrographic Feature

MAP PANELS
- Digital Data Available
- No Digital Data Available
- Unmapped

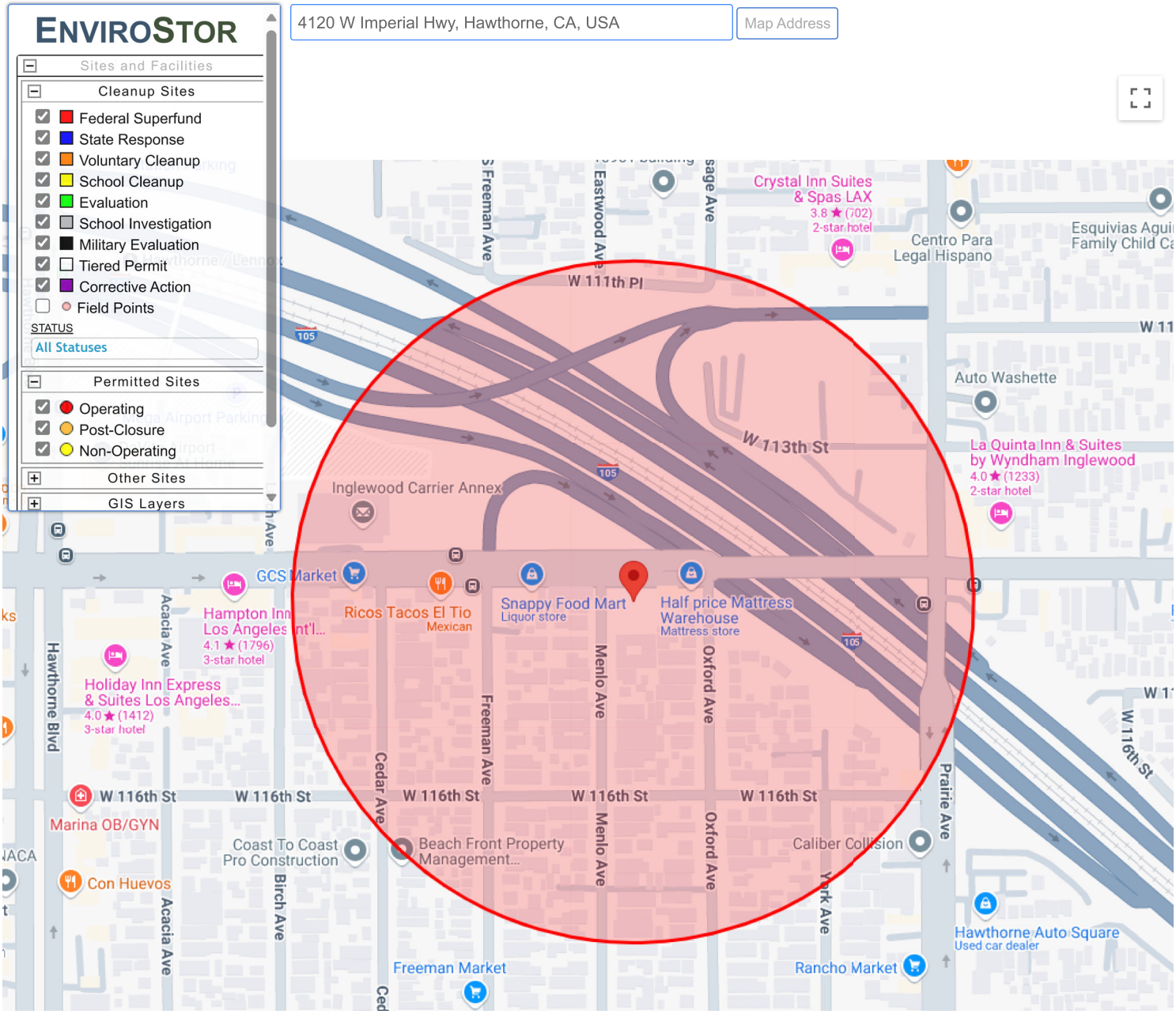
N

The pin displayed on the map is an approximate point selected by the user and does not represent an authoritative property location.

This map complies with FEMA's standards for the use of digital flood maps if it is not void as described below. The basemap shown complies with FEMA's basemap accuracy standards

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 11/23/2024 at 8:05 AM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

This map image is void if the one or more of the following map elements do not appear: basemap imagery, flood zone labels, legend, scale bar, map creation date, community identifiers, FIRM panel number, and FIRM effective date. Map images for unmapped and unmodernized areas cannot be used for regulatory purposes.



Google

Map data ©2024 Google 50 m

SITES FOUND IN SEARCH RADIUS

0 SITES LISTED

EXPORT THIS LIST TO EXCEL

PROJECT NAME	STATUS	PROJECT TYPE	ADDRESS	CITY

Hawthorne, California
Zoning

Legend

- RPZ Runway Protection Zone (East)
- DHSP - Downtown Hawthorne Specific Plan
- R-1 Low-Density Residential (8.0 du/ac max)
- R-2 Medium-Density Residential (17.0 du/ac max)
- R-3 High Density Residential (30 du/ac max)
- R-4 Maximum-Density Residential (30 du/ac max)
- CR Regional Commercial (FAR = 3.5)
- CR (MU) Regional Commercial/Mixed Use
- C-2 Local Commercial (FAR = 1.5)
- C-3 General Commercial (FAR = 2.5)
- C-3 (MU) General Commercial/Mixed Use
- C-M Mixed Commercial
- M-1 Limited Industrial (FAR = 0.75)
- M-2 General Industrial (FAR = 1.75)
- M-2-SP General Industrial Specific Plan
- P - Parking
- H - Horticultural
- UOS - Urban Open Space (FAR = 0.3)
- Specific Plans
- TIO - Trucking Intensive Overlay
- Airport Master Plan

N W E S

0 500 1,000 2,000 3,000 4,000 Feet

1:5,996

1 inch = 500 feet

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Updated: April 1, 2019

By: M. Majcherek

2023

WATER QUALITY REPORT

RANCHO DOMINGUEZ DISTRICT

City of Hawthorne Water System



Este informe contiene información muy importante sobre su agua potable. Tradúzcalo o hable con alguien que lo entienda bien.

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Key Definitions
Water Quality Table

THANK YOU
Online Resources



WELCOME

California Water Service (Cal Water) is committed to providing a reliable supply of safe, clean water to our customers and communities, 24 hours per day, 7 days per week, 365 days per year. As water quality regulations have become more stringent, we have added or adjusted treatment to confirm that the water we deliver continues to meet or surpass all standards—because protecting our customers' health and safety is our highest priority.

IN THIS SYSTEM IN 2023, WE CONDUCTED 7,068 TESTS ON 1,450 WATER SAMPLES FOR 233 CONSTITUENTS. WE ARE PLEASED TO CONFIRM THAT WE MET EVERY PRIMARY AND SECONDARY FEDERAL AND STATE WATER QUALITY STANDARD LAST YEAR.

But, our promise to provide quality, service, and value means more than just treating and testing water. It means having expert professionals available to assist with routine services safely and efficiently. It means having personnel available to handle emergencies around the clock. It means maintaining and upgrading the infrastructure needed to transport water from its source through a network of pumps, tanks, and pipes to your tap. It also means that, even with costs increasing across the country, we do everything we can to operate as efficiently as possible to keep your water service affordable.

I encourage you to read this year's water quality report, also called your Consumer Confidence Report, as it details any constituents detected in your water supply in 2023 and shows how your water compares to federal and state standards. It also provides information on hot topics and steps we take to protect your health and safety.

If you have any questions, we are here to help. You can contact your local office by phone or by using the Contact Us form at **www.calwater.com**. You can also get water service news on our web site and via our Facebook, X (formerly Twitter), and Instagram pages. If you're an account holder, you can find updates in your monthly bill and should keep your contact information up to date by visiting **ccu.calwater.com** to make sure you receive emergency and other important information.

Sincerely,
Ralph Felix, District Manager, Rancho Dominguez District

Rancho Dominguez District
2632 W. 237th Street
Torrance, CA 90505
(310) 257-1400

ACTION ITEMS

There were no significant issues in your water system in 2023, and we have no recommended action items for our customers in this area.



YOUR WATER SYSTEM



YOUR WATER

Cal Water began operating the City of Hawthorne water system in 1996, when we entered into a 15-year lease agreement with the city. We were selected again by the City of Hawthorne in 2012 to operate the system for another 15-year term. Water is supplied to Hawthorne customers from one groundwater well and with purchased surface water from the Metropolitan Water District of Southern California (MWD), which is obtained from the Colorado River and the State Water Project in northern California.

Since we began operating the City's water system, we have made significant upgrades to the water system infrastructure and have worked diligently to provide service that exceeds customers' expectations.

The Hawthorne system is composed of one groundwater well, two MWD connections, six reservoirs, and four booster pump stations. Cal Water proactively maintains and upgrades local facilities to provide a reliable, high-quality supply.

CHLORAMINES

Chloramines are most commonly formed when ammonia is added to chlorine. They are used as a disinfectant to treat your drinking water, and provide long-lasting disinfection as water moves through pipes to consumers.

WATER RESOURCE SUSTAINABILITY

Cal Water helps our customers conserve water by offering programs and incentives to reduce indoor and outdoor water use, develop more efficient habits, and educate the next generation about the importance of managing water resources sustainably. We also continue to invest diligently in our infrastructure to reduce the amount of water lost to pipeline leaks and, in 2022, completed an updated assessment of the impacts of climate change on water supply and demand. Whether in wet or dry years, it's important that we make saving water every day a way of life. Using water wisely will ensure that we have enough water in periods of drought and for generations to come.

Visit www.calwater.com/conservation for details.

If you have any questions or concerns, please contact our local office by phone at (310) 257-1400 or through the Contact Us link at www.calwater.com.

WATER QUALITY

THE WATER QUALITY LAB

Water professionals collect samples from throughout the water system for testing at our newly upgraded, state-of-the-art water quality laboratory, which is certified each year through the stringent Environmental Laboratory Accreditation Program (ELAP).

Our laboratory team tests the water for 326 constituents with equipment so sensitive it can detect levels as low as one part per trillion. In order to maintain the ELAP certification, all of our scientists must pass blind-study proficiency tests for every water quality test performed. Water quality test results are entered into our Laboratory Information Management System (LIMS), a sophisticated software program that enables us to react quickly to changes in water quality and analyze water quality trends in order to plan effectively for future needs.

CROSS-CONNECTION CONTROL

So that the high-quality water we deliver is not compromised in the distribution system, Cal Water has a robust cross-connection control program in place. Cross-connection control is critical to making sure that activities on customers' properties do not affect the public water supply. Our cross-connection control specialists ensure that all of the existing backflow prevention assemblies are tested annually, assess all connections, and enforce and manage the installation of new commercial and residential assemblies.

Backflow can occur when certain pressure conditions exist either in our distribution system or within the customer's plumbing, so our customers are our first line of defense. A minor home improvement project—without the proper protections—can create a potentially hazardous situation, so careful adherence to plumbing codes and standards will keep the community's water supply remains safe. Please be sure to utilize the advice or services of a qualified plumbing professional.

Many water-use activities involve substances that, if allowed to enter the distribution system, would be aesthetically displeasing or could even present health concerns.

Some common cross-connections are:

- Garden hoses connected to a hose bib without a simple hose-type vacuum breaker (available at a home improvement store).
- Improperly installed toilet tank fill valves that do not have the required air gap between the valve or refill tube.
- Landscape irrigation systems that do not have the proper backflow prevention assembly installed on the supply line.

The list of materials that could potentially contaminate the water system is vast. According to the United States Environmental Protection Agency (EPA), a wide variety of substances have contaminated drinking water systems throughout the country as a result of poor cross-connection control. Examples include:

- Antifreeze from a heating system.
- Lawn chemicals from a garden hose or sprinkler head.
- Blue water from a toilet tank.
- Carbonated water from a soda dispenser.

Customers must ensure that all plumbing is in conformance with local plumbing codes. Additionally, state law requires certain types of facilities to install and maintain backflow prevention assemblies at the water meter. Cal Water's cross-connection control staff will determine whether you need to install a backflow prevention assembly based on water uses at your location.

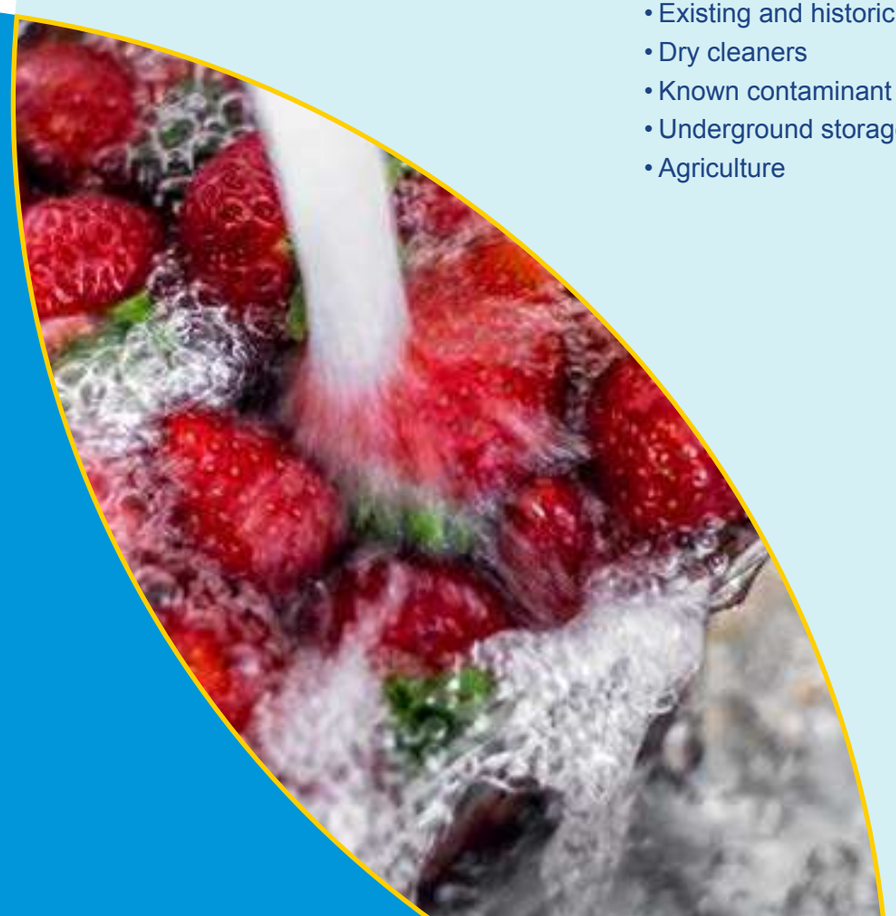
DWSAPP

By the end of 2002, Cal Water had submitted to the Division of Drinking Water (DDW) a Drinking Water Source Assessment and Protection Program (DWSAPP) report for each water source in the water system. The DWSAPP report identifies possible sources of contamination to aid in prioritizing cleanup and pollution prevention efforts. All reports are available for viewing or copying at our office.

The water sources in your district are considered most vulnerable to:

- Drinking water treatment plants
- Existing and historic gas stations
- Dry cleaners
- Known contaminant plumes
- Underground storage tanks
- Agriculture
- Recreation
- Urban/stormwater runoff
- Increasing urbanization in the watershed
- Wildlife
- Drinking water treatment plants

We encourage customers to join us in our efforts to prevent water pollution and protect our most precious natural resource.



YOUR 2023 RESULTS

FLUORIDE

State law requires Cal Water to add fluoride to drinking water if public funding is available to pay for it, and it is a practice endorsed by the American Medical Association and the American Dental Association to prevent tooth decay. In this area, local water is blended with purchased water that has fluoride in it. Show the table in this report to your dentist to see if he or she recommends giving your children fluoride supplements.

WATER HARDNESS

Hardness is a measure of the magnesium, calcium, and carbonate minerals in the water. Water is considered soft if its hardness is less than 75 parts per million (ppm), moderately hard at 75 to 150 ppm, hard between 150 and 300 ppm, and very hard at 300 ppm or higher.

Hard water is generally not a health concern, but it can have an impact on how well soap lathers and is significant for some industrial and manufacturing processes. Hard water may also lead to mineral buildup in pipes or water heaters.

Some people with hard water opt to buy a water softener for aesthetic reasons; however, some water softeners add salt to the water, which can cause problems at wastewater treatment plants. Additionally, people on low-sodium diets should be aware that some water softeners increase the sodium content of the water.

For more information on water hardness, visit **www.calwater.com/video/hardness**.



More information about fluoridation, oral health, and related issues can be found on the DDW web site.

For general information on water fluoridation, visit us online at www.calwater.com.

POSSIBLE CONTAMINANTS

All drinking water, including bottled water, may reasonably be expected to contain at least small amounts of some contaminants. The presence of contaminants does not necessarily indicate that water poses a health risk.

More information about contaminants and potential health effects can be obtained by calling the EPA Safe Drinking Water Hotline at (800) 426-4791.

The sources of drinking water (both tap and bottled) include rivers, lake, streams, ponds, reservoirs, springs, and wells. As water travels over the surface of the land or through the ground, it dissolves naturally occurring minerals—and in some cases radioactive material—and can pick up substances resulting from the presence of animals or human activities. Prior to entering the distribution system, source water with constituents over maximum contaminant levels is treated to reduce levels to meet standards set by public health experts.

Contaminants that may be present in source water include:

- Microbial contaminants, such as viruses and bacteria, which may come from sewage treatment plants, septic systems, agricultural livestock operations, and wildlife.
- Inorganic contaminants, such as salts and metals, which can be naturally occurring or result from urban stormwater runoff, industrial or domestic wastewater discharges, oil and gas production, mining, or farming.
- Pesticides and herbicides, which may come from a variety of sources such as agriculture, urban stormwater runoff, and residential uses.
- Organic chemical contaminants, including synthetic and volatile organic compounds, which are byproducts of industrial processes and petroleum production, and can also come from gas stations, urban stormwater runoff, agricultural applications, and septic systems.
- Radioactive contaminants, which can be naturally occurring or the result of oil and gas production and mining activities.

In order to keep tap water safe to drink, the EPA and DDW prescribe regulations that limit the amount of certain contaminants in water provided by public water systems. Food and Drug Administration (FDA) regulations establish limits for contaminants in bottled water, which must provide the same protection for public health.

Some people may be more vulnerable to contaminants in drinking water than the general population. Immunocompromised people, such as those with cancer undergoing chemotherapy, those who have undergone organ transplants, and those with HIV/AIDS or other immune system disorders; some elderly people; and infants can be particularly at risk from infections. These people should seek advice from their health care providers about drinking water contaminants. EPA and Centers for Disease Control and Prevention (CDC) guidelines on appropriate means to lessen the risk of infection by Cryptosporidium and other microbial contaminants are available from the Safe Drinking Water Hotline.

ABOUT LEAD

As the issue of lead in water continues to be top of mind for many Americans, Cal Water wants to assure you about the quality of your water. We are compliant with health and safety codes mandating use of lead-free materials in water system replacements, repairs, and new installations. We have no known lead service lines in our systems. We test and treat (if necessary) water sources to confirm that the water delivered to customer meters meets all water quality standards and is not corrosive toward plumbing materials.

The water we deliver to your home meets lead standards. However, if present, elevated levels of lead can cause serious health problems, especially for pregnant women and young children. Lead in drinking water is primarily from materials and components associated with service lines and home plumbing (for example, lead solder used to join copper plumbing, and brass and other lead-containing fixtures).

Cal Water is responsible for providing high-quality drinking water to our customers' meters, but cannot control the variety of materials used in properties' plumbing components. When your water has been sitting for several hours, you can minimize the potential for lead exposure by flushing your tap for 30 seconds to 2 minutes before using water for drinking or cooking.

If you are concerned about lead in your water, you may wish to have your water tested by a certified lab. More information about lead in drinking water can be found through the Safe Drinking Water Hotline (1-800-426-4791) or at www.epa.gov/safewater/lead.

TESTING FOR LEAD IN SCHOOLS

The State of California required that all public schools built before 2010 test for lead in their drinking water by July 1, 2019. We are committed to supporting our school districts' efforts to protect students and ensure that the drinking water at their school sites are below regulatory limits. We worked with all school districts in our service area that serve kindergarten through 12th grade to develop sampling plans, test samples, and conduct follow-up monitoring, if needed, for corrective actions.

Please see our Testing for Lead in Schools web page for more information. For specific information regarding local school data, see the state web portal lead sampling in schools page.

LEAD AND COPPER RULE

The Lead and Copper Rule requires us to test water inside a representative number of homes that have plumbing most likely to contain lead and/or lead solder to determine the presence of lead and copper or any action level exceedance. An action level is the concentration of a contaminant which, when exceeded, triggers corrective actions before it becomes a health concern. If action levels are exceeded, either at a customer's home or system-wide, we work with the customer to investigate the issue and/or implement corrosion control treatment to reduce lead levels.

LEAD SERVICE LINE INVENTORY (LSLI)

Protecting our customers' health and safety is our highest priority. As part of this commitment, we have been working to identify and replace any old customer water service lines and fittings that may contain lead. California Senate Bill (SB) 1398 required all water utilities in California to develop an inventory of all distribution service line materials, and submit a list of known lead service lines to the state by 2018. A list of unknown service lines that may contain lead, along with a plan for replacement, was due to the state by July 1, 2020. Known lines must be replaced as soon as possible.

More information regarding LSLI and specific data for each water system can be found on the health and safety code page of the state web site.

In your system, results from our lead monitoring program, conducted in accordance with the Lead and Copper Rule, were below the action level for the presence of lead.

PFAS

In April 2024, the EPA adopted the final water quality regulation for certain per- and polyfluoroalkyl substances (PFAS):

- MCL of 4 ppt for PFOS and PFOA.
- MCL of 10 ppt for PFHxS, PFNA, and GenX.
- Hazard Index of 1.0 combined for PFHxS, PFNA, PFBS, and GenX.

Water systems must begin monitoring for these PFAS within three years (2027), and must comply with the regulation within five years (2029).

At Cal Water, protecting our customers' health and safety is our highest priority, and we are committed to complying with all requirements set by the public health experts. We have been preparing for the EPA regulation and its potential impact on—and any treatment needed in—our systems, and already evaluated the impact of the proposed regulation so that we could be better prepared to comply with the final MCLs.

We also have protocols to test our water sources for compliance with the new MCLs. We have long followed recommendations from DDW, and even went beyond by testing every active source in our California systems years ago. Although not required at the time, we believed it was the right thing to do. In any cases across our service areas where detections were above the levels at which state public health experts have recommended water suppliers take action (the previous response level), we took the affected sources out of service until treatment was/can be installed.

Our active water sources are in compliance with current California response levels, based on the running annual average at each site. The response level, which is the level at which a water system should make operational changes to reduce the concentration of a compound, is set with a margin of protection for all people (including sensitive populations) over a lifetime of exposure.

Additionally, we believe a comprehensive approach is needed to properly address the situation. We urged the EPA to establish a consistent, science-based standard as quickly as feasible, and strongly supported state legislation that will prohibit the sale and use of certain products that contain PFAS, require the certification of accurate testing methods for PFAS, and establish a publicly accessible database that houses the sources of PFAS entering water supplies. We have also filed lawsuits to hold PFAS manufacturers responsible—and ultimately prevent our customers from bearing the costs of treatment, to the extent possible—and are pursuing grants where available to further offset customer cost impacts.

As background, PFAS are manmade compounds that have been used to make carpets, clothing, fabrics for furniture, paper packaging for food, and other materials (e.g., cookware) that are resistant to water, grease, or stains. These compounds are also used for firefighting at airfields, which is one way they have found their way into groundwater in certain areas.

Studies indicate that long-term exposure to PFAS over certain levels could have adverse health effects, including developmental effects to fetuses during pregnancy or infants; cancer; or impacts on liver, immunity, thyroid, and other functions. Potential health effects related to PFAS are still being studied, and research is still evolving on this issue.

More information on PFAS is available on the DDW web site.

KEY DEFINITIONS

IN COMPLIANCE: Does not exceed any applicable MCL, SMCL, or action level, as determined by DDW. For some compounds, compliance is determined by averaging the results for one source over a one-year period.

LEVEL 1 ASSESSMENT: A Level 1 assessment is a study of the water system to identify potential problems and determine (if possible) why total coliform bacteria have been found in the system.

LEVEL 2 ASSESSMENT: A Level 2 assessment is a very detailed study of the water system to identify potential problems and determine (if possible) why an E. coli MCL violation has occurred and/or why total coliform bacteria have been found in the system on multiple occasions.

MAXIMUM CONTAMINANT LEVEL (MCL): The highest level of a contaminant that is allowed in drinking water. Primary MCLs are set as close to the PHGs (or MCLGs) as is economically and technologically feasible. Secondary MCLs (SMCLs) are set to protect the odor, taste, and appearance of drinking water.

MAXIMUM CONTAMINANT LEVEL GOAL (MCLG): The level of a contaminant in drinking water below which there is no known or expected risk to health. MCLGs are set by the U.S. Environmental Protection Agency.

MAXIMUM RESIDUAL DISINFECTANT LEVEL (MRDL): The highest level of a disinfectant allowed in drinking water. There is convincing evidence that addition of a disinfectant is necessary for control of microbial contaminants.

MAXIMUM RESIDUAL DISINFECTANT LEVEL GOAL (MRDLG): The level of a drinking water disinfectant below which there is no known or expected risk to health. MRDLGs do not reflect the benefits of the use of disinfectants to control microbial contaminants.

NOTIFICATION LEVEL (NL) AND RESPONSE LEVEL (RL): Health-based advisory levels for unregulated contaminants in drinking water. They are used by DDW to provide guidance to drinking water systems.

PRIMARY DRINKING WATER STANDARDS (PDWS): MCLs, MRDLs, and TTs for contaminants that affect health along with their monitoring, reporting, and water treatment requirements.

PUBLIC HEALTH GOAL (PHG): The level of a contaminant in drinking water below which there is no known or expected risk to health. PHGs are set by the California Environmental Protection Agency without regard to technological or economic feasability.

REGULATORY ACTION LEVEL (AL): The concentration of a contaminant which, if exceeded, triggers treatment or other requirements that a water system must follow.

TREATMENT TECHNIQUE (TT): A required process intended to reduce the level of a contaminant in drinking water.

VARIANCES AND EXEMPTIONS: Permissions from the State Water Resources Control Board (State Board) to exceed an MCL or not comply with a treatment technique under certain conditions.

STANDARD ABBREVIATIONS

AL	Action level
Max	Maximum
MFL	Million fibers per liter
Min	Minimum
N/A	Not applicable
ND	Constituent not detected
NL	Notification level
NTU	Nephelometric turbidity unit
pCi/L	Picocuries per liter (a measure of radiation)
ppb	Parts per billion or micrograms per liter (µg/L)
ppm	Parts per million or milligrams per liter (mg/L)
ppq	Parts per quadrillion or picogram per liter (pg/L)
ppt	Parts per trillion or nanograms per liter (ng/L)
RAA	running annual average
µS/cm	Microsiemens/centimeter

TABLE INTRODUCTION

Every year, Cal Water performs hundreds of thousands of tests to monitor the quality of our water. If any contaminants are detected, they are included in this annual water quality report. However, most of the contaminants we test for are not detected, so they are not listed.

See the Potential Contaminants web page for a complete list of contaminants we test for.

In the table, water quality test results are divided into four major sections: “Primary Drinking Water Standards,” “Secondary Drinking Water Standards,” “State-Monitored Contaminants with Notification Levels,” and “Unregulated Compounds.” Primary standards protect public health by limiting the levels of certain constituents in drinking water. Secondary standards are set for substances that don’t impact health but could affect the water’s taste, odor, or appearance. Some unregulated substances (hardness and sodium, for example) are included for your information. The State allows us to monitor for some contaminants less than once per year because the concentrations of these contaminants do not change frequently. Some of our data, though representative, are more than one year old.

SUBSTANCE SOURCES

DI	Byproduct of drinking water disinfection
DK	Decay of natural and manmade deposits
DS	Drinking water disinfectant added for treatment
EN	Naturally present in the environment
ER	Erosion of natural deposits
FE	Human and animal waste
FL	Water additive that promotes strong teeth; discharge from fertilizer and aluminum factories
FR	Runoff and leaching from fertilizer use; leaching from septic tanks and sewage
IC	Internal corrosion of household plumbing systems
IM	Discharge from industrial manufacturers
IO	Substances that form ions when in water
IW	Industrial waste
MU	Municipal and industrial waste discharges
OM	Naturally occurring organic materials
RU	Runoff/leaching from natural deposits
RS	Residue from some surface water treatment processes
SO	Soil runoff
SW	Seawater influence
VA	Various natural and manmade sources
WD	Leaching from wood preservatives
UR	Unregulated constituents with no source listed and that do not have standardized “source of substance” language

Our testing equipment is so sensitive, it can detect constituents as small as 1 part per trillion. That is equivalent to 1 inch over 15 million miles.



HAW

2023 WATER QUALITY

PRIMARY DRINKING WATER STANDARDS

						Distribution System-Wide			
Microbiological	Year Tested	Unit	MCL	PHG (MCLG)	In Compliance	Highest Monthly			Source
Fecal coliform and E. coli	2023	Positive Samples	0[1]	(0)	**Yes**	0			FE
						Groundwater		West Basin MWD[2]	
Radiological	Year Tested	Unit	MCL	PHG (MCLG)	In Compliance	Range/ Result	Average	Range	Average	Source
Gross beta particle activity	2023	pCi/L	50	0	**Yes**	N/A	N/A	ND–6	ND	DK
Uranium	2023	pCi/L	20	0.43	**Yes**	ND	ND	ND–3	1	ER
						Groundwater		West Basin MWD	
Inorganic Chemicals	Year Tested	Unit	MCL	PHG (MCLG)	In Compliance	Range	Average	Range	Average	Source
Aluminum	2023	ppb	1000	600	**Yes**	ND	ND	ND–83	57.5	ER, RS
Fluoride	2022–2023	ppm	2	1 (4.0)	**Yes**	0.38–0.74	0.61	0.6–0.8	0.7	ER, FL
Nitrate as N	2023	ppm	10	10 (10)	**Yes**	ND	ND	0.8–1.0	0.90	ER, FR
						Distribution System-Wide			
Lead and Copper	Year Tested	Unit	AL	PHG (MCLG)	In Compliance	90th Percentile		Samples > AL		Source
Copper	2023	ppm	1.3	0.3	**Yes**	0.07		0 of 30		IC, ER, WD
Lead	2023	ppb	15	0.2	**Yes**	ND		0 of 30		IC, IM, ER
						Distribution System-Wide			
Disinfection Byproducts	Year Tested	Unit	MCL	PHG (MCLG)	In Compliance	Range		Highest Annual Average		Source
Total haloacetic acids (THAA)	2023	ppb	60	N/A	**Yes**	7.5–18		15		DI
Total trihalomethane (TTHM)	2023	ppb	80	N/A	**Yes**	19–38		32		DI
						Distribution System-Wide			
Disinfectants	Year Tested	Unit	MRDL	MRDLG	In Compliance	Range		Average		Source
Total chlorine	2023	ppm	4	4	**Yes**	0.24–2.6		1.8		DS

[1] Exceeds if routine and repeat samples are total coliform-positive and either is E. coli-positive, system fails to take repeat samples following E. coli-positive routine sample, or system fails to analyze total coliform-positive repeat sample for E. coli.
[2] Part of the system's water supply is purchased from Metropolitan Water District of Southern California (MWD) via the West Basin Municipal Water District (West Basin MWD).

2023 WATER QUALITY

						Groundwater		West Basin MWD		
Surface Water—Turbidity	Year Tested	Unit	MCL	PHG (MCLG)	In Compliance	Highest Level	Lowest Monthly Percent ≤ 0.3	Highest Level	Lowest Monthly Percent ≤ 0.3	Source
Turbidity[1]	2023	NTU	TT	N/A	**Yes**	N/A	N/A	0.06	100	SO

						Groundwater		West Basin MWD		
Surface Water—Total Organic Carbon (TOC)	Year Tested	Unit	MCL	PHG (MCLG)	In Compliance	Range	Average	Range	Average	Source
Total organic carbon[2]	2023	NTU	TT	N/A	**Yes**	N/A	N/A	1.4–3.0	2.25	SO

SECONDARY DRINKING WATER STANDARDS

						Groundwater		West Basin MWD		
Contaminants	Year Tested	Unit	SMCL	PHG (MCLG)	In Compliance	Range/ Result	Average	Range/ Result	Average	Source
Aluminum	2023	ppb	200	600	**Yes**	ND	ND	ND–83	57.5	ER, RS
Chloride	2023	ppm	500	N/A	**Yes**	130	130	34–58	48.5	RU, SW
Color	2022–2023	UNITS	15	N/A	**Yes**	ND–5.0	ND	1	1	OM
Odor	2022–2023	T.O.N.	3	N/A	**Yes**	ND–2.0	ND	2	2	OM
Specific conductance	2023	US	1600	N/A	**Yes**	910	910	357–604	512	SW, IO
Sulfate	2021–2023	ppm	500	N/A	**Yes**	ND	ND	51–112	83	RU, IW
Surfactants	2023	ppb	500	N/A	**Yes**	120	120	ND	ND	MU
Total dissolved solids	2023	ppm	1000	N/A	**Yes**	530	530	209–367	307	RU
Turbidity (groundwater)	2022–2023	NTU	5	N/A	**Yes**	ND–0.35	0.11	N/A	N/A	SO

[1] For surface water systems, the TT dictates that the turbidity level of the filtered water be less than or equal to 0.3 NTU in 95% of measurements taken each month.

[2] TOC has no health effects; however, TOC provides a medium for the formation of disinfection byproducts. These byproducts include trihalomethanes and haloacetic acids. The TT dictates that a removal ratio of 1 or higher must be achieved. Drinking water containing these byproducts in excess of the MCL may lead to adverse health effects such as liver, kidney, or nervous system problems, and may lead to an increased risk of cancer. Concerns regarding disinfection byproducts are based upon exposure over many years.

2023 WATER QUALITY

STATE-REGULATED CONTAMINANTS WITH NOTIFICATION LEVELS

						Groundwater		West Basin MWD		
Contaminants	Year Tested	Unit	NL	PHG (MCLG)	In Compliance	Range/ Result	Average	Range/ Result	Average	Source
Boron	2018	ppm	1	N/A	**Yes**	0.25–0.27	0.26	0.14–0.19	0.16	UR
Chlorate	2023	ppb	800	N/A	**Yes**	N/A	N/A	ND–19	9.5	UR
Naphthalene	2023	ppb	17	N/A	**Yes**	ND–0.72	ND	ND	ND	UR
N-nitrosodimethylamine (NDMA)	2020–2023	ppt	10	3	**Yes**	ND	ND	ND–3.5	1.75	UR
Vanadium	2023	ppb	50	N/A	**Yes**	N/A	N/A	3.4–3.9	3.65	OM, IW

UNREGULATED COMPOUNDS AND UNREGULATED CONTAMINANT MONITORING RULE (UCMR)

						Groundwater		West Basin MWD		
Constituents	Year Tested	Unit	NL	PHG (MCLG)	In Compliance	Range/ Result	Average	Range	Average	Source
Alkalinity (total)	2023	ppm	N/A	N/A	N/A	290	290	65–102	83	UR
Calcium	2018–2023	ppm	N/A	N/A	N/A	47–63	58	20–40	32	UR
Haloacetic acids five	2019	ppb	N/A	N/A	N/A	8.3–19	11	ND–8.9	6.25	UR
Haloacetic acids nine	2019	ppb	N/A	N/A	N/A	14–40	22	N/A	N/A	UR
Haloacetic acids six brominated	2019	ppb	N/A	N/A	N/A	9.5–30	15	N/A	N/A	UR
Hardness (total)	2018–2023	ppm	N/A	N/A	N/A	200–260	241	81–153	124	UR
Lithium	2023	ppm	N/A	N/A	N/A	16	16	ND–13	ND	UR
Magnesium	2018–2023	ppm	N/A	N/A	N/A	20–24	23	7.8–13	10.5	UR
pH	2021–2023	Units	N/A	N/A	N/A	6.3–8.8	7.9	8.2–8.6	8.5	UR
Potassium	2018–2023	ppm	N/A	N/A	N/A	8.4–9.5	9.0	2.4–3.0	2.65	UR
Sodium	2023	ppm	N/A	N/A	N/A	88	88	39–68	56	UR
Tribromoacetic acid	2019	ppb	N/A	N/A	N/A	ND–4.8	ND	N/A	N/A	UR



Thanks for taking the time to learn more about your water quality.

Even more information awaits you at calwater.com.

Visit our web site to get information about your account, water-use history, water rates, and water system. You will also find water-saving tips and news about water conservation programs and rebates available in your area.

- Conservation resources
- Lead in water
- Water treatment and disinfection
- Protecting the water supply

Quality. Service. Value.®

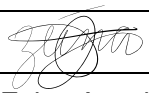
ENVIRONMENTAL SITE ASSESSMENT QUESTIONNAIRE

Please complete to the best of your knowledge. For those questions that are not applicable, please respond with an "N/A". For those questions that are unknown, please respond with "unknown".

1. PROPERTY INFORMATION:

Property Name: MENLO BOUTIQUE HOTEL		
Property Address: SEC OF IMPERIAL HWY & MENLO AVE		
City HAWTHORNE	State CA	Zip 90250
Assessor's Parcel Number 4047-006-001; 002		
Property Owner & Contact Information: ZS DEVELOPMENT CORP.; Zeina Awad Mail Add: P.O. Box 2062 Hawthorne, CA 90251		
Date Property Owner Purchased: 7/17/2004		
Key Site Manager & Contact Information: Zeina Awad Ph: 310-863-1273 Zeina@ZSDevelop.com		

2. COMPLETED BY

Signature 	Date 11/20/24
Printed Name Zeina Awad	Relation to Subject Property Proj Mngr

3. PREVIOUS INVESTIGATIONS

Have any previous environmental investigations been performed at the property, including Phase I ESAs, Phase II Subsurface Investigations, Remediation, Asbestos or Lead-Based Paint surveys?

NO PREVIOUS INVESTIGATIONS THAT WE ARE AWARE OF.

_____

_____(If yes, please provide copies)

4. PROPERTY DESCRIPTION

Property Size: +/- 17,424 sq. ft. Number of Building(s): 1 Building; 6 levels_____

Size of Building(s): 47,584 sq. ft._____

Date of Construction: Start early 2026 to end of 2027_____

Property Type: (please circle)

Multi-Family **Hotel** Mobile Home Park Retail/Commercial Industrial Office

Other: _____

Please provide Rent Roll if Applicable.

Historical Use of Property:

NA_____

5. Surrounding Property Uses

Direction	Use
North	Public right of way – Highway
South	Residential
East	Menlo Ave. / City Street
West	Residential and Commercial

Are you aware of any potential environmental concerns associated with surrounding properties?

_____ YES _____X____NO

If yes, please describe: _____

_____

_____

_____

6. Utilities & Services

Please provide the name of the utility or contractor providing the following:

Electric	Southern California Edison_____	Bio-hazardous Waste	NA_____
Gas	Southern California Gas _____	Elevator Maintenance	TBD_____
Potable Water	MWD of Southern California ____	Used Grease	NA_____
Sanitary Sewer	City of Hawthorne_____	Hazardous Waste	NA_____

7. On Site Operations

Are you aware of any of the following conditions, either past or present, on the property?		
Condition	**Response**	**If yes, please describe**
1. Stored Chemicals	Yes ■ No	
2. Underground Storage Tanks	Yes ■ No	
3. Aboveground Storage Tanks	Yes ■ No	
4. Spills or Releases	Yes ■ No	
5. Dump Areas/Landfills	Yes ■ No	
6. Waste Treatment Systems	Yes ■ No	
7. Clarifiers/Separators	Yes ■ No	
8. Vents/Odors	Yes ■ No	
9. Floor Drains/Sumps	Yes ■ No	
10. Stained Soil	Yes ■ No	
11. Electrical Transformers	Yes ■ No	
12. Hydraulic Lifts/Elevators	Yes ■ No	
13. Dry Cleaning Operations	Yes ■ No	

14.	Oil/Gas/Water/Monitoring Wells	Yes ■ No	
15.	Environmental Permits	Yes ■ No	

A.L.T.A. / N.S.P.S. LAND TITLE SURVEY

CITY OF HAWTHORNE, COUNTY OF LOS ANGELES, STATE OF CALIFORNIA

LEGAL DESCRIPTION

BASED UPON REPORT NUMBER LA-4220, DATED MARCH 7, 2022, PREPARED BY CALIFORNIA TITLE ASSOCIATION.

PARCEL 1: LOT(S) 241 AND 242 OF FAIRFAX PARK, IN THE CITY OF HAWTHORNE, COUNTY OF LOS ANGELES, SATE OF CALIFORNIA, AS PER MAP RECORDED IN BOOK 20 PAGE(S) 138 AND 139 OF MAPS IN THE OFFICE OF THE COUNTY RECORDER IN SAID COUNTY.

EXCEPT THEREFROM THAT PORTION OF LOT 241 OF FAIRFAX PARK, IN THE CITY OF HAWTHORNE, COUNTY OF LOS ANGELES, STATE OF CALIFORNIA, AS PER MAP RECORDED IN BOOK 20 PAGE(S) 138 AND 139 OF MAPS IN THE OFFICE OF THE COUNTY RECORDER IN SAID COUNTY DESCRIBED IN THE GRANT DEED MENTIONED BELOW.

PARCEL 2: LOT(S) 243 OF FAIRFAX PARK, IN THE CITY OF HAWTHORNE, COUNTY OF LOS ANGELES, STATE OF CALIFORNIA, AS PER MAP RECORDED IN BOOK 20 PAGE(S) 138 AND 139 OF MAPS IN THE OFFICE OF THE COUNTY RECORDER IN SAID COUNTY.

TITLE REPORT EXCEPTIONS

1) PROPERTY TAXES INCLUDED GENERAL AND SPECIAL TAXES PERSONAL PROPERTY TAXES IF ANY AND ANY ASSESSMENTS COLLECTED WITH THE TAXES FOR THE FISCAL YEAR 2021-2022.
1ST INSTALLMENT: $3,988.99 (PAID)
2ND INSTALLMENT: $3,988.98 (PAID)
APN NO.: 4047-006-001
(FOR INFORMATION ONLY)

2 PROPERTY TAXES INCLUDED GENERAL AND SPECIAL TAXES PERSONAL PROPERTY TAXES IF ANY AND ANY ASSESSMENTS COLLECTED WITH THE TAXES FOR THE FISCAL YEAR 2021-2022.
1ST INSTALLMENT: $2,469.88 (PAID)
2ND INSTALLMENT: $2,469.88 (PAID)
APN NO.: 4047-006-002
(FOR INFORMATION ONLY)

3) COVENANTS, CONDITIONS AND RESTRICTIONS IF ANY INCLUDED BUT NOT LIMITED TO THOSE BASED UPON, SEX, RACE COLOR, SEXUAL ORIENTATION, DISABILITY, HANDICAP, NATIONAL ORGAN, ANCESTRY, SOURCE OF INCOME, GENDER IDENTITY, AS SET FORTH IN APPLICABLE STATE OR FEDERAL LAW.
RECORDED: IN BOOK 800 PAGE(S) 46 IN OFFICIAL RECORDS.

4) EASEMENT FOR THE PURPOSE SHOWN BELOW:
PURPOSE: UTILITIES
RECORDED: BOOK 9265 PAGE(S) 125 IN OFFICIAL RECORDS.
AFFECTS: THE REAR 5 FEET OF LOT(S) 241 AND 242

5) EASEMENT FOR THE PURPOSE SHOWN BELOW:
PURPOSE: WATER MAIN
RECORDED: BOOK 11078 PAGE(S) 270 IN OFFICIAL RECORDS.

6) EASEMENT FOR THE PURPOSE SHOWN BELOW AS SHOWN OR OFFERED FOR DEDICATION ON THE RECORDED
MAP SHOWN BELOW:
MAP: FAIRFAX PARK TRACT
RECORDED: BOOK 20 PAGE(S) 138 AND 139 OF MAPS

(7) EASEMENT FOR THE PURPOSE SHOWN BELOW:
PURPOSE: PUBLIC UTILITIES
RECORDED: BOOK 9795 PAGE(S) 55 IN OFFICIAL RECORDS.

8) A COVENANT AND AGREEMENT WHEREIN THE OWNERS OF SAID LAND COVENANT AND AGREE THAT SAID LAND SHALL BE HELD AS ONE PARCEL AND NO PORTION SHALL BE SOLD SEPARATELY, WHICH COVENANT IS EXPRESSED TO RUN WITH THE LAND AND BE BINDING UPON FUTURE OWNERS:
RECORDED: MAY 09, 1996 AS INSTRUMENT NO. 96-732328 IN OFFICIAL RECORDS.

GENERAL NOTES

1. THE LAND AREA OF THE SUBJECT PROPERTY IS 0.40 ACRES, AS DESCRIBED IN THE LEGAL DESCRIPTION.

2. TITLE SEARCH – THIS SURVEY DOES NOT CONSTITUTE A TITLE SEARCH BY raSMITH, INC. OR KENT COOPER TO DETERMINE OWNERSHIP OF THIS PROPERTY. raSMITH, INC. RELIED UPON REPORT NO. LA-42220, DATED MARCH 7 2022, PREPARED BY CALIFORNIA TITLE ASSOCIATION.

3. OCCUPATION LINES, ENCROACHMENTS AND RECOVERED SURVEY MONUMENTS ARE SHOWN AS FOUND DURING A FIELD SURVEY PERFORMED UNDER MY DIRECT SUPERVISION DURING AUGUST, 2022.

4. PARCEL AREA SHOWN IS DETERMINED BASED UPON FIELD MEASUREMENTS MADE DURING A FIELD SURVEY PERFORMED IN AUGUST, 2022.

5. THE PROPERTY IS ZONED: CR REGIONAL COMMERCIAL

6. VEHICULAR ACCESS PROVIDED ON IMPERIAL HIGHWAY AND MENLO AVENUE, BOTH PUBLIC STREETS.

7. THERE IS NO OBSERVABLE EVIDENCE OF EARTH MOVING WORK, BUILDING CONSTRUCTION OR BUILDING ADDITIONS, STREET OR SIDEWALK CONSTRUCTION WITHIN RECENT MONTHS.

8. THERE IS NO VISIBLE EVIDENCE OR PRIOR KNOWLEDGE OF CEMETERIES WITHIN 100 FEET OF THE PROPERTY.

9. THERE IS NO OBSERVABLE EVIDENCE OF SITE USE AS A SOLID WASTE DUMP, SUMP OR SANITARY LANDFILL OR WETLANDS. NO MARKERS WERE OBSERVED DURING THIS SURVEY

UTILITY NOTE

UTILITIES ON SITE ARE SHOWN PER A FIELD SURVEY PERFORMED UNDER MY DIRECT SUPERVISION DURING AUGUST, 2022. THIS SURVEY DOES NOT CONSTITUTE A COMPLETE "AS-CONSTRUCTED" SURVEY OF ALL UTILITIES. ALL ABOVE GROUND VISIBLE OR REASONABLY DISCOVERABLE IMPROVEMENTS, WITHIN 5 FEET OF THE PROPERTY LINES, ARE SHOWN HEREON.

FLOOD ZONE

THE PROPERTY LIES WITHIN ZONE "X" OF THE FLOOD INSURANCE RATE MAP 06037C1750F BEARING AN EFFECTIVE DATE OF SEPTEMBER 26, 2008.

ZONING AND SETBACK

NO ZONING REPORT WAS PROVIDED.

THE PROPERTY IS ZONED: CR REGIONAL COMMERCIAL

SET BACK: >2 stories = 15 feet from residential

POLICY OF PREPARER

AS A MATTER OF POLICY, ONLY OFFICIALLY RELEASED COPIES OF THIS SURVEY HAVE A "WET" SIGNATURE ALONG WITH THE RELEASE/REVISION DATE(S) SHOWN. ANY MODIFICATIONS, UPDATES, OR REVISIONS WITH THEIR EFFECTIVE RELEASE DATES WILL BE SHOWN THEREON. ANY PARTIES REQUIRING INFORMATION WHICH MAY BE DERIVED FROM THIS SURVEY AFTER THE INITIAL RELEASE DATE ARE ADVISED TO CONTACT THE OFFICE OF THE PREPARER TO INQUIRE ON THE PRESENT STATUS OF THE SURVEY AND IF LATER VERSIONS HAVE BEEN RELEASED. COPIES OF THIS SURVEY LACKING THE HEREIN ABOVE MENTIONED SIGNATURE ARE TO BE CONSIDERED NOT OFFICIALLY RELEASED VERSIONS OF THIS SURVEY.

SURVEYOR'S NOTES

THE BASIS OF BEARINGS FOR THIS SURVEY IS THE CENTERLINE OF IMPERIAL HIGHWAY (FORMERLY BELLE VIEW AVENUE) BEING NORTH 89°59'45" WEST PER THE TRACT NO. 7151 IN BOOK 79, PAGE 6 OF MISCELLANEOUS MAPS, RECORDS OF LOS ANGELES COUNTY.

BENCHMARK

LA COUNTY PUBLIC WORKS
BM NUMBER: 8Y11763

DESCRIPTION:
L&DPW BM TAG IN S CB 34FT E/O BCR @ SE COR IMPERIAL HWY & HAWTHORNE BlVD

ELE: 71.940

LEGEND

BOUNDARY
EASEMENT
CENTERLINE
PROPERTY LINE

AC –ASPHALT CONCRETE
CO –CLEANOUT
DI –DRAIN INLET
ER –ELECTRIC RISER
GI –GREASE INTERCEPTOR
LP –LIGHT POLE
MH –MANHOLE
OHW –OVERHEAD WIRES
PB –PULLBOX
PP –POWER POLE
SMH –SEWER MANHOLE
TE –TRASH ENCLOSURE
UV –UTILITY VAULT
WM –WATER METER
WV –WATER VALVE

SURVEYORS CERTIFICATE

A. THE ACCOMPANYING SURVEY WAS MADE ON THE GROUNDS AND CORRECTLY SHOWS THE LOCATION OF ALL BUILDINGS, STRUCTURES AND OTHER IMPROVEMENTS SITUATED ON THE SURVEYED PROPERTY; AND THAT THE SURVEYED PROPERTY DESCRIBED HEREON IS THE SAME AS DESCRIBED BY REPORT NO. LA-42220, DATED MARCH 7, 2022, PREPARED BY CALIFORNIA TITLE COMPANY, AND THAT ALL EASEMENTS, COVENANTS AND RESTRICTIONS REFERENCED IN SAID TITLE COMMITMENT HAVE BEEN PLOTTED HEREON OR OTHERWISE NOTED AS TO THEIR EFFECT ON THE SURVEYED PROPERTY; THAT THERE ARE NO BUILDING ENCROACHMENTS ON THE SURVEYED PROPERTY OR UPON ADJACENT LAND ABUTTING SAID PROPERTY UNLESS SHOWN HEREON.

B. WITH RESPECT TO TABLE A, "OPTIONAL SURVEY RESPONSIBILITIES AND SPECIFICATIONS", THE ACCOMPANYING SURVEY INCLUDES ITEMS 2-5, 7(A), 7(B1), 7(C), 8-10(A)(B),11, 13, 14, AND 16-21, IF AND AS APPLICABLE.

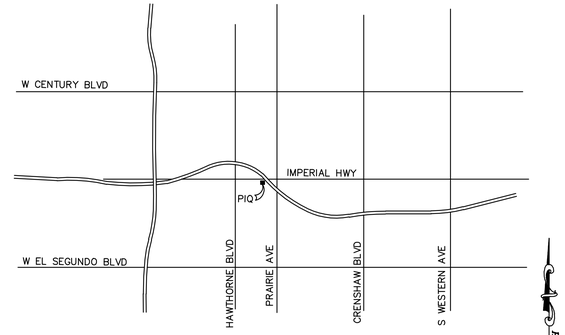
TO ZS DEVELOPMENT CORP , AND CALIFORNIA TITLE ASSOCIATION:

THIS IS TO CERTIFY THAT THIS MAP OR PLAT AND THE SURVEY ON WHICH IT IS BASED WERE MADE IN ACCORDANCE WITH THE 2021 MINIMUM STANDARD DETAIL REQUIREMENTS FOR ALTA/NSPS LAND TITLE SURVEYS, JOINTLY ESTABLISHED AND ADOPTED BY ALTA AND NSPS, AND INCLUDES ITEMS OF TABLE A THEREOF. THE FIELD WORK WAS COMPLETED ON AUGUST 4, 2022.

DATE OF MAP: 8/18/22

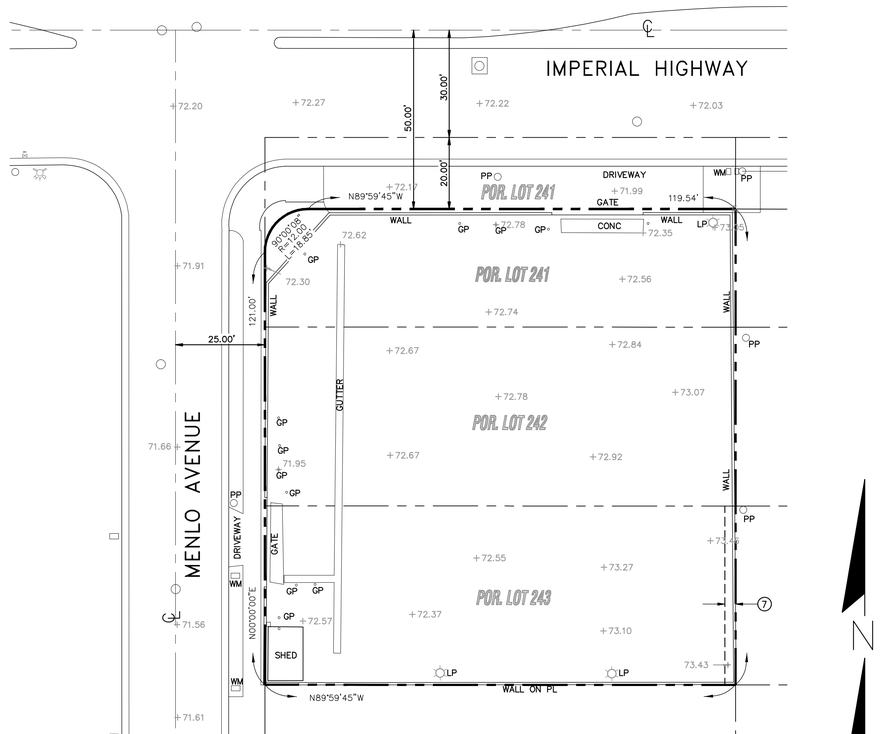
KENT COOPER
PROFESSIONAL LAND SURVEYOR NO. 9322
LICENSE EXPIRES MARCH 31, 2023

LICENSED LAND SURVEYOR
KENT COOPER
LS NO. 9322
STATE OF CALIFORNIA



VICINITY MAP

N.T.S.



GRAPHIC SCALE

20 0 10 20 40 80

(IN FEET)
1 inch = 20 ft.

DESCRIPTION	DATE
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raSmith
CREATIVITY BEYOND ENGINEERING
8911 Research Drive
Irvine, CA 92618-4237
(949) 872-2378
rasmith.com

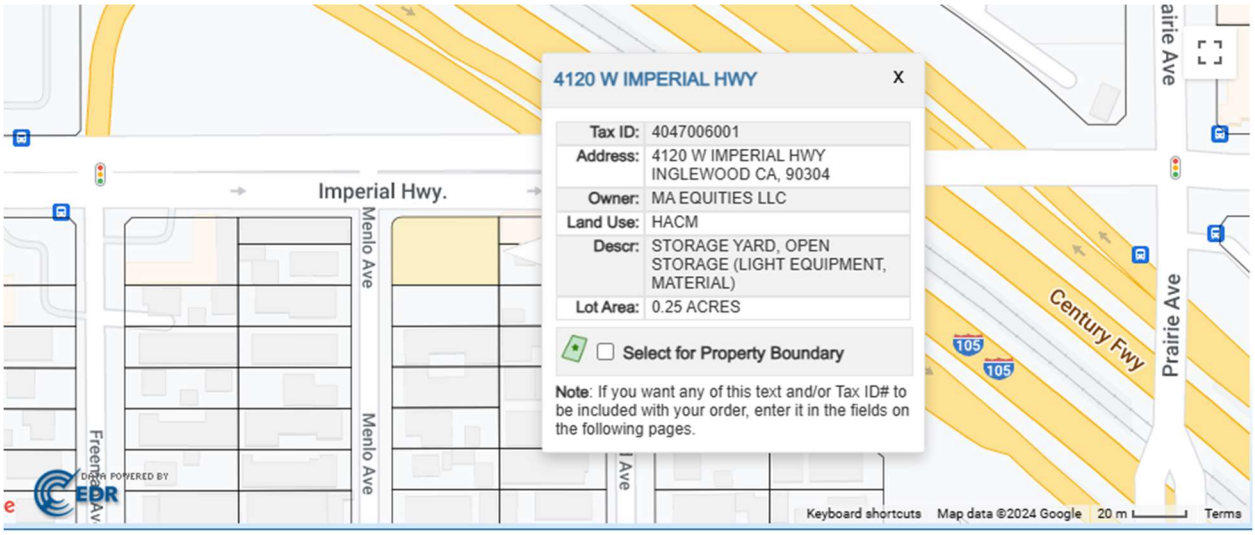
SE CORNER MENLO AVE / IMPERIAL HIGHWAY
HAWTHORNE, CALIFORNIA

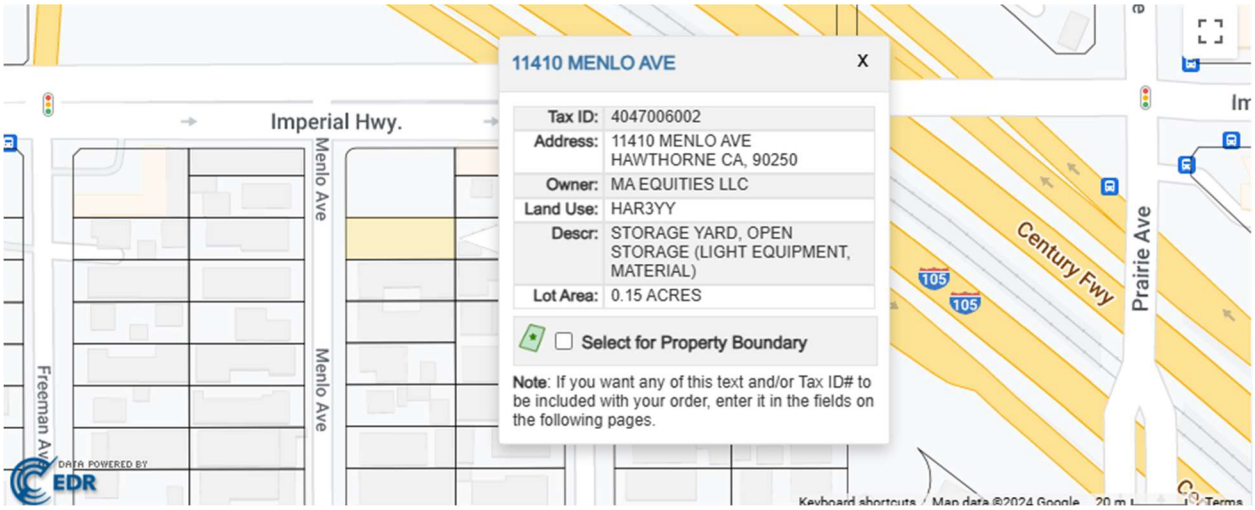
CALIFORNIA TITLE ASSOCIATION
REPORT NUMBER
LA-42220

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R.A. Smith, Inc.

DATE: 8/18/22
SCALE: NONE
JOB NO. 3220170
PROJECT MANAGER: CHRIS BRATTY
DESIGNED BY: KDC
CHECKED BY: KEC

SHEET NUMBER
1


4120 W IMPERIAL HWY
X
Tax ID: 4047006001
Address: 4120 W IMPERIAL HWY INGLEWOOD CA, 90304
Owner: MA EQUITIES LLC
Land Use: HACM
Descr: STORAGE YARD, OPEN STORAGE (LIGHT EQUIPMENT, MATERIAL)
Lot Area: 0.25 ACRES
Select for Property Boundary
Note: If you want any of this text and/or Tax ID# to be included with your order, enter it in the fields on the following pages.
Imperial Hwy.
Menlo Ave
Freeman Ave
Century Fwy
Prairie Ave
105
DATA POWERED BY EDR
Keyboard shortcuts
Map data ©2024 Google
20 m
Terms


11410 MENLO AVE
X
Tax ID: 4047006002
Address: 11410 MENLO AVE HAWTHORNE CA, 90250
Owner: MA EQUITIES LLC
Land Use: HAR3YY
Descr: STORAGE YARD, OPEN STORAGE (LIGHT EQUIPMENT, MATERIAL)
Lot Area: 0.15 ACRES
Select for Property Boundary
Note: If you want any of this text and/or Tax ID# to be included with your order, enter it in the fields on the following pages.
Imperial Hwy.
Menlo Ave
Freeman Ave
Century Fwy
Prairie Ave
105
DATA POWERED BY EDR
Keyboard shortcuts
Map data ©2024 Google
20 m
Terms

COUNTY OF LOS ANGELES

DEPARTMENT OF PUBLIC WORKS

900 SOUTH FREMONT AVENUE
ALHAMBRA, CALIFORNIA 91803-1331
Telephone: (818) 458-5100

THOMAS A. TIDEMANSON, Director

ADDRESS ALL CORRESPONDENCE TO:
P.O.BOX 1460
ALHAMBRA, CALIFORNIA 91802-1460

August 20, 1992

FN #013410-013756

IN REPLY PLEASE REFER TO FILE WM-1 I-13756-2C

Mr. Gary Germain
14128 Kornblum Avenue
Hawthorne, CA 90505

Dear Mr. Germain:
HAZARDOUS MATERIALS UNDERGROUND STORAGE
CLOSURE CERTIFICATION 4120
FACILITY LOCATION: [redacted] WEST IMPERIAL HIGHWAY, HAWTHORNE
CLOSURE PERMIT NUMBER: 3241B, 9296B

This office has reviewed the final closure report submitted on August 5, 1992 required as a part of the subject closure permit. Based on the information submitted, we find that all closure requirements have been completed. With the provision that the information provided to this agency was accurate and representative of existing conditions, it is our position that no further action is required at this time.

Please be advised that this letter does not relieve you of any liability under the California Health and Safety Code or Water Code for past, present or future operations at this site. Nor does it relieve you of the responsibility to clean up existing, additional or previously unidentified conditions at the site which cause or threaten to cause pollution or nuisance or otherwise pose a threat to water quality or public health.

Additionally, be advised that changes in the present or proposed use of the site may require further site characterization and mitigation activity. It is the property owner's responsibility to notify this agency of any changes in report content, future contamination findings or site usage.

Any questions regarding this matter should be directed to Rani Iyer at (818) 458-3560.

Very truly yours,

T. A. TIDEMANSON
Director of Public Works

Carl W. Sjoberg
Chief, Industrial Waste Planning & Control
Waste Management Division

cc: California Regional Water Quality Board
Applied Consultants

BH:db3/CL205

9203538

COUNTY OF LOS ANGELES

DEPARTMENT OF PUBLIC WORKS

900 SOUTH FREMONT AVENUE
ALHAMBRA, CALIFORNIA 91803-1331
Telephone: (818) 458-5100

THOMAS A. TIDEMANSON, Director

ADDRESS ALL CORRESPONDENCE TO:
P.O.BOX 1460
ALHAMBRA, CALIFORNIA 91802-1460

August 20, 1992

IN REPLY PLEASE REFER TO FILE WM-1 I-13756-2C

Mr. Gary Germain
14128 Kornblum Avenue
Hawthorne, CA 90505

Dear Mr. Germain:
HAZARDOUS MATERIALS UNDERGROUND STORAGE
CLOSURE CERTIFICATION
FACILITY LOCATION: 4210 WEST IMPERIAL HIGHWAY, HAWTHORNE
CLOSURE PERMIT NUMBER: 3241B, 9296B

This office has reviewed the final closure report submitted on August 5, 1992 required as a part of the subject closure permit. Based on the information submitted, we find that all closure requirements have been completed. With the provision that the information provided to this agency was accurate and representative of existing conditions, it is our position that no further action is required at this time.

Please be advised that this letter does not relieve you of any liability under the California Health and Safety Code or Water Code for past, present or future operations at this site. Nor does it relieve you of the responsibility to clean up existing, additional or previously unidentified conditions at the site which cause or threaten to cause pollution or nuisance or otherwise pose a threat to water quality or public health.

Additionally, be advised that changes in the present or proposed use of the site may require further site characterization and mitigation activity. It is the property owner's responsibility to notify this agency of any changes in report content, future contamination findings or site usage.

Any questions regarding this matter should be directed to Rani Iyer at (B1B) 45B-3560.

Very truly yours,

T. A. TIDEMANSON
Director of Public Works

Carl W. Sjoberg
Chief, Industrial Waste Planning & Control
Waste Management Division

cc: California Regional Water
Quality Board
Applied Consultants

BH:db3/CL205

9203538

Waste mgt.

RECEIVED

JAN 12 1988

DEPARTMENT OF PUBLIC WORKS
ENGINEERING SERVICES DIVISION

JC

850.16

800247

RECORD OF TRANSMITTAL DATE: 1/6/87

To: Waste Management Division

Of: Department of Public Works
Los Angeles County
P.O. Box 4089
Los Angeles, CA 90051

Reference: 4120 W. Imperial Hwy, Hawthorne, CA
Closure Permit # 13756

Description: (1) Site Assessment & Mitigation Report
& (2) Letter of Intent to Land Spread to
Abdi Majidsar SCAQMD

From: Sheila Fooshee

Applied Hydrogeologic Consultants
2662 South Grand Avenue
Santa Ana, CA 92705
(714) 241-1611

Comments/Action:

APPLIED HYDROGEOLOGIC consultants

4 January 1988
(AHC LA 57B5A.7)

Mr. Gary Germain
14128 Kornblum
Hawthorne, CA 90505

Subject: Site Assessment & Mitigation - Closure Permit No. 13756

Dear Mr. Germain:

In accordance with your request we have supervised assessment and mitigation of the unauthorized release of gasoline at ~~4120~~ 4210 W. Imperial Highway, Hawthorne, California.

Six steel gasoline storage tanks were removed from two separate excavations at the site on 15 October 1987. Two 10,000 gallon tanks were removed from the eastern tank excavation (Tanks 1 and 2; Figure 1). One 3,000 gallon (Tank 3) and three 1,000 gallon tanks (Tanks 4, 5, and 6) were removed from the western tank excavation. An unauthorized release was noted during removal of westernmost tank (Tanks 3) in the western excavation. Analysis of samples obtained from soil located two feet below the tanks confirmed that the unauthorized release was gasoline (AHC Report 9 November 1987). The eastern excavation has been backfilled (Figure 1).

Site Assessment

On 18 November 1987 four borings were established by hand auger in the bottom of the excavation to determine the vertical and lateral extent of contamination. Auger returns were screened for the presence of contamination based on visual observation and odor. One sample was obtained from each boring when visual observation and odor indicated that the limits of contamination had been reached (Samples B1-D19, B2-D15, B3-D16, and B4-D16; Figure 1).

These samples were placed in teflon capped glass jars, chilled, and transported to Chemical Research Laboratories (CRL) for analysis. Soil samples from all four borings were analyzed for Total Petroleum Hydrocarbons (TPH) in accordance with EPA method 8015 (modified for fuels).

The results of the laboratory analysis are summarized in Table 1. The laboratory analysis, Quality Assurance/Quality Control data and chain of custody are attached (CRL I.D. # 7322302).

The recommended state action level for the mitigation of gasoline contaminated soils is 100 mg/Kg (ppm).

Field observations and the non-detection of TPH in the soil samples indicated that the plume extended no further than 18 foot total depth and approximately 2 feet beyond the walls of the

southern half of the initial excavation (Figure 1). The results of this assessment were verbally transmitted to Mr. Blair Burgess of the Department of Public Works. Based on these results and our recommendations Mr. Burgess gave verbal approval to perform site mitigation by removal and aeration of the contaminated soils.

Site Mitigation

Contaminated soils were removed by a Gradall on 15 December 1987 on the basis of discoloration, odor, and presence of hydrocarbon vapors. Hydrocarbon odors were screened using a portable organic vapor meter (OVM; United Technologies Bacharach Sniffer 503) during removal of the contaminated soils. The excavation was enlarged to the edges of both canopy supports and was extended to 19 feet total depth (Figure 1). The removed contaminated soils were then stockpiled on visqueen (polyethylene film) on site.

A 4 feet by 8 feet area of discolored soil immediately below the south canopy support was not removed due to the potential for undermining the canopy.

Five soil samples were obtained from the enlarged excavation to determine remaining contaminant levels (Samples 1 thru 5; Figure 1). Samples 1 thru 4 were obtained from the sidewalls and Sample 5 from the bottom of the excavation. The samples were placed in teflon capped glass jars, chilled, and transported to Chemical Research Laboratory (CRL) for analysis. The samples were analyzed for total petroleum hydrocarbons (TPH) in accordance with EPA method 8015 (modified for fuels).

The results of the laboratory analysis are summarized in Table 2. The laboratory analysis, Quality Assurance/Quality Control data and chain of custody are attached (CRL I.D. # 735115).

The non-detection of TPH in samples 1, 3, 4, and 5 indicate that the contaminated soils have been successfully removed from the bottom, north, east, and west sidewalls of the excavation.

The non-detection of petroleum hydrocarbons in Sample B2-D15 (obtained in the initial site assessment) indicates the 4 feet by 8 feet area of discolored soil on the south wall is approximately 1 foot thick. The analysis of the composite soil sample obtained from this wall area, Sample 2, indicates that the discolored soil contains low levels of contamination (10 ppm) relative to the recommended state action levels (100 ppm).

Field observations and the non-detection to low levels of TPH found in samples 1 thru 5 indicate that significant levels of contamination do not remain in the excavation. Upon approval of these mitigative efforts by the Department of Public Works, the excavation may be backfilled with clean soil.

We recommend that aeration of the removed contaminated soils include:

1) Rotate contaminated soil several times over a six to eight week period.

2) Cover soils with visqueen (polyethylene film) if rainfall occurs during aeration process to prevent runoff.

3) Soils to be spread and rotated during daylight hours when there is sufficient wind velocity (5-10 mph) to dissipate any hydrocarbons vapors. Soil not to be spread or rotated when wind conditions exceed 15 mph average (over a 15 minute period) or the wind speed instantaneously exceeds 25 mph to minimize fugitive dust.

4) Monitor the perimeter of the site during aeration of contaminated soils. Discontinue rotation of soils if monitoring indicates potential for off-site migration of hydrocarbon vapors.

5) Obtain soil samples to determine contaminant levels in aerated soils.

6) Analyze samples for TPH in accordance with EPA method 8015 (modified for fuels).

7) Return soils with less than 100 ppm TPH to excavation.

It is our understanding that the area will be then be resurfaced with asphaltic concrete.

We will inform the South Coast Air Quality Management District of the intent to land spread the gasoline contaminated soils at the site.

The opportunity to prepare this report is greatly appreciated. Please contact our office if you have any questions.

Sincerely,

Sheila M. Fooshee

Sheila M. Fooshee
Staff Geologist

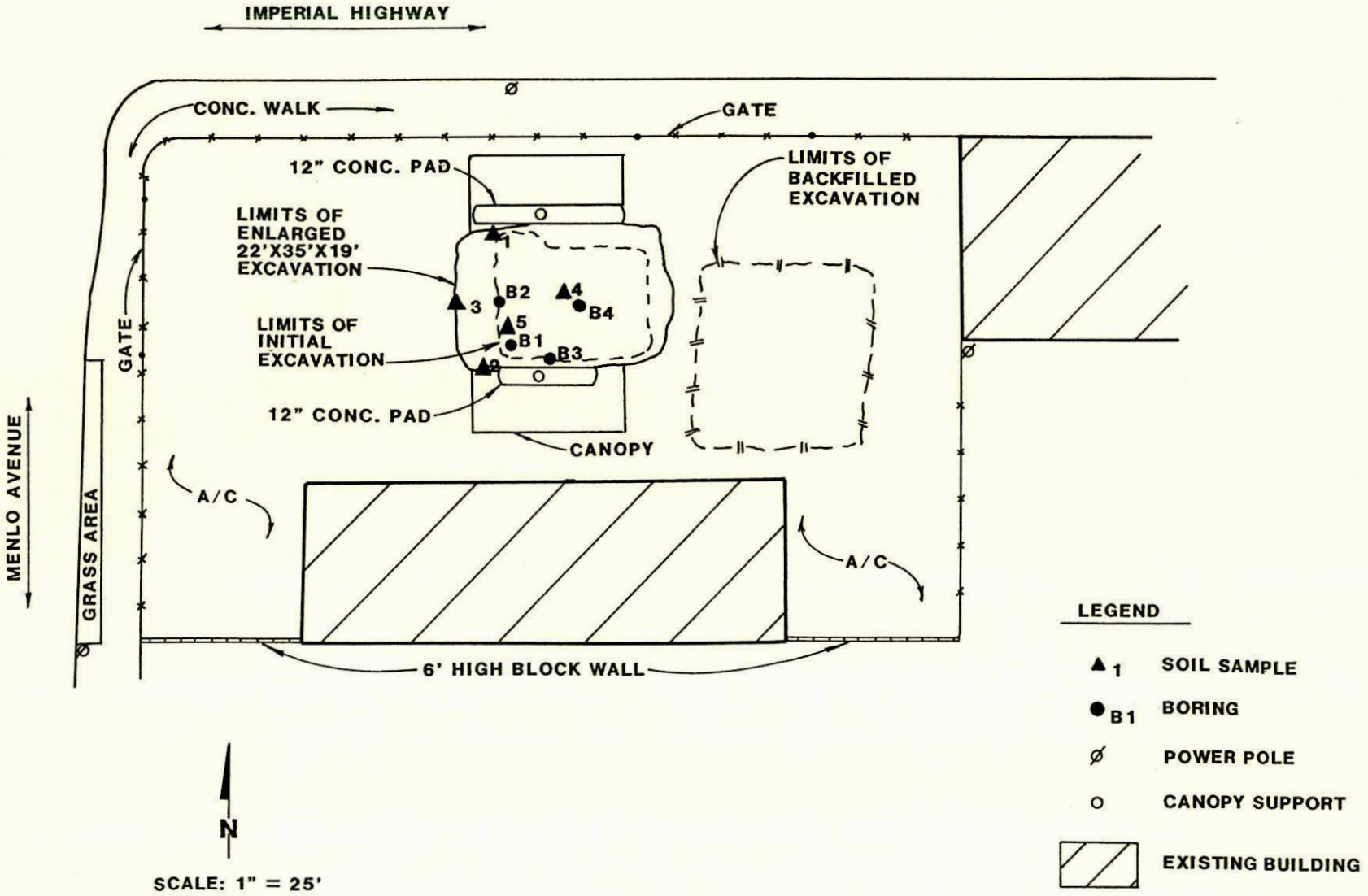
Reviewed by,

Robert S. Austin

Robert S. Austin, RCE 37455
Project Engineer

Enclosures

cc: DPW
Pat Desjardines



APPLIED HYDROGEOLOGIC *consultants*

FIGURE 1 — SITE PLAN
SITE ASSESSMENT & MITIGATION
4120 W. IMPERIAL HIGHWAY
HAWTHORNE, CALIFORNIA

PROJECT NO. LA 57B5A.7

29 DECEMBER 1987

TABLE I
Soil Sample Analysis
Initial Site Assessment

Sample No.	TPH (EPA 8015)
B1-D19	N/D
B2-D15	N/D
B3-D16	N/D
B4-D16	N/D

N/D Not detected to 1.0 mg/kg (ppm)
Sampled on 18 November 1987.

TABLE II
Soil Sample Analysis
Site Mitigation

Sample No.	Soil Sample Location	TPH (EPA 8015)
1	North sidewall	N/D
2	South sidewall (Composite)	10
3	West sidewall	N/D
4	East sidewall	N/D
5	Bottom of excavation	N/D

* All results in mg/kg (ppm)
N/D Not detected to 1.0 mg/kg (ppm)
Sampled on 15 December 1987.

Chemical Research Laboratories, Inc.
SOUTHERN CALIFORNIA DIVISION
7440 Lincoln Way • Garden Grove, CA 92641
(714) 898-6370 • FAX: (714) 891-5917 • (800) LAB-1CRL

November 25, 1987

APPLIED HYDROGEOLOGIC CONSTRUCTION
1516 East Edinger Ste A
Santa Ana, CA 92705
ATTN: Ms. Sheila Fooshee

ANALYSIS NO.: 732302-001/004
ANALYSES: EPA Method 8015
DATE SAMPLED: 11/18/87
DATE SAMPLE REC'D: 11/19/87
PROJECT: Germain (LA57B5A.7)

Enclosed with this letter is the report on the chemical and physical analyses on the samples from ANALYSIS NO: 732302-001/004 shown above.

The samples were received by CRL in a chilled state, intact, and with the chain-of-custody record attached.

Please note that ND( ) means not detected at the detection limit expressed within the parentheses.

REVIEWED AND APPROVED

This report pertains only to the samples investigated and does not necessarily apply to other apparently identical or similar materials. This report is submitted for the exclusive use of the client to whom it is addressed. Any reproduction of this report or use of this Laboratory's name for advertising or publicity purposes without authorization is prohibited.

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SOUTHERN CALIFORNIA DIVISION
7440 Lincoln Way • Garden Grove, CA 92641
(714) 898-6370 • FAX: (714) 891-5917 • (800) LAB-1CRL

LABORATORY REPORT

APPLIED HYDROGEOLOGIC CONSTRUCTION
1516 East Edinger Ste A
Santa Ana, CA 92705
ATTN: Ms. Sheila Fooshee

ANALYSIS NO.: 732302-001/004
ANALYSES: EPA Method 8015
DATE SAMPLED: 11/18/87
DATE SAMPLE REC'D: 11/19/87
DATE ANALYZED: 11/20/87
SAMPLE TYPE: Soil
PROJECT: Germain (LA57B5A.7)

SAMPLE IDENTIFICATION	TOTAL PETROLEUM HYDROCARBONS EPA METHOD 8015 (mg/kg)
B1-D19 Boring 1 - SW corner	ND(1.)
B2-D15 Boring 2 - W side wall	ND(1.)
B3-D16 Boring 3 - E side wall	ND(1.)
B4-D16 Boring 4 - center	ND(1.)

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CHEMICAL RESEARCH LABORATORIES, INC.

11631 SEABOARD CIRCLE, STANTON, CA 90680
TEL. NOS.: (714) 898-6370 (213) 598-0458

- ORANGE COUNTY
- VENTURA
- SANTA MARIA
- BAKERSFIELD
- L.A. COUNTY

CHAIN OF CUSTODY RECORD

Date 11/19/87 Page 1 of 1

CLIENT AHC

ADDRESS 2662 So. Grand Ave
Santa Ana, CA 92705

PROJECT MANAGER
ATTN: SHEILA FOOSHEE

PHONE NUMBER
714/241-1161

PROJECT NAME
Germain (LA5735A.7)

SAMPLERS: (Signature)
Sheila Fooshee

SAMPLE NUMBER	LOCATION DESCRIPTION	DATE	TIME	SAMPLE TYPE WATER Comp.	SAMPLE TYPE WATER Grab.	SAMPLE TYPE AIR	SOLID	NO. OF CNTNRS	TESTS REQUIRED
B1-D19	Boring 1 - SW corner	11/18/87					soil	1	8015
B2-D15	Boring 2 - W sidewall	〃					soil	1	8015
B3-D16	Boring 3 - E sidewall	〃					soil	1	8015
B4-D16	Boring 4 - center	〃					soil	1	8015

Relinquished by: (Signature)
Sheila Fooshee

Received by: (Signature)

Date/Time

Relinquished by: (Signature)

Received by: (Signature)

Date/Time

Relinquished by: (Signature)

Received by Mobile Laboratory for field analysis: (Signature)

Date/Time

Dispatched by: (Signature)

Date/Time

Received for Laboratory by:

Date/Time
11/19/87 1005

Method of Shipment:
Chilled/by AHC truck

Special Instructions:
Analyze samples using EPA Method 8015.

SOURCE: Adapted from U.S. EPA, 1985

Chemical Research Laboratories, Inc.
7440 Lincoln Way • Garden Grove, CA 92641
(714) 898-6370 • (213) 598-0458

December 23, 1987

APPLIED HYDROGEOLOGIC CONSULTANTS
2662 South Grand Avenue
Santa Ana, CA 92705
ATTN: Sheila Fooshee

ANALYSIS NO.: 735115-001/005
ANALYSES: EPA Method 8015
DATE SAMPLED: 12/15/87
DATE SAMPLE REC'D: 12/17/87
PROJECT: Germain-(LA57B5A.7)

Enclosed with this letter are the reported data from the chemical and physical analyses requested for the samples submitted. As required the samples were analyzed by the following test(s):

EPA Method 8015, a GC/FID analysis modified for the analysis of petroleum fuel hydrocarbons.

Please note that ND () means not detected at the detection limit expressed within the parentheses.

The samples were received in a chilled state, intact, and with the chain-of-custody record attached.

The Chain of Custody Record and the QA/QC data are enclosed with this report.

REVIEWED AND APPROVED

This report pertains only to the samples investigated and does not necessarily apply to other apparently identical or similar materials. This report is submitted for the exclusive use of the client to whom it is addressed. Any reproduction of this report or use of this Laboratory's name for advertising or publicity purposes without authorization is prohibited.

Chemical Research Laboratories, Inc.
7440 Lincoln Way • Garden Grove, CA 92641
(714) 898-6370 • (213) 598-0458

LABORATORY REPORT

APPLIED HYDROGEOLOGIC CONSULTANTS
2662 South Grand Avenue
Santa Ana, CA 92705
ATTN: Sheila Fooshee

ANALYSIS NO.: 735115-001/005
ANALYSES: EPA Method 8015
DATE SAMPLED: 12/15/87
DATE SAMPLE REC'D: 12/17/87
DATE ANALYZED: 12/20/87
SAMPLE TYPE: Solid
PROJECT: Germain-(LA57B5A.7)

SAMPLE IDENTIFICATION	TOTAL PETROLEUM HYDROCARBONS EPA METHOD 8015 (mg/kg)
1 North Sidewall	ND(1.)
2 South Sidewall	10.
3 West Sidewall	ND(1.)
4 East Sidewall	ND(1.)
5 Bottom of Excavation	ND(1.)

This report pertains only to the samples investigated and does not necessarily apply to other apparently identical or similar materials. This report is submitted for the exclusive use of the client to whom it is addressed. Any reproduction of this report or use of this Laboratory's name for advertising or publicity purposes without authorization is prohibited.

Chemical Research Laboratories, Inc.
7440 Lincoln Way • Garden Grove, CA 92641
(714) 898-6370 • (213) 598-0458

QA/QC SUMMARY

APPLIED HYDROGEOLOGIC CONSULTANTS
2662 South Grand Avenue
Santa Ana, CA 92705
ATTN: Sheila Fooshee

ANALYSIS NO.: 735115-001/005
ANALYSES: SEE ATTACHMENT
DATE SAMPLED: 12/15/87
DATE SAMPLE REC'D: 12/17/87
PROJECT: Germain-(LA57B5A.7)

QA/QC SUMMARY

Date	Parameter(method)	Average Matrix Spike Recovery%	Acceptable Range%	Relative Percent Difference	Acceptable Range%
12/20/87	Total Petroleum Hydrocarbons (EPA 8015)	120	70-130	1	40

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CHEMICAL RESEARCH LABORATORIES, INC.

7440 LINCOLN WAY • GARDEN GROVE, CA 92641
(714) 898-6370 • (213) 598-0458

- ORANGE COUNTY
- VENTURA
- SANTA MARIA
- BAKERSFIELD
- L.A. COUNTY

CHAIN OF CUSTODY RECORD

Date 12/16/87 Page 1 of 1

CLIENT AHC

ADDRESS 2662 S. Grand Ave
Santa Ana, CA

PROJECT MANAGER ATTN: SHEILA FOOSHEE

PHONE NUMBER 714/241-1161

PROJECT NAME Germain (LA57BSA.7)

SAMPLERS: (Signature) Sheila Fooshee

SAMPLE NUMBER	LOCATION DESCRIPTION	DATE	TIME	SAMPLE TYPE WATER Comp.	SAMPLE TYPE WATER Grab.	SAMPLE TYPE AIR	SOLID	NO. OF CNTNRS	TESTS REQUIRED
1	N - sidewall	12/15/87	1:30				Soil	1	8015
2	S - sidewall	12/15/87	1:37				Soil	1	8015
3	W - sidewall	12/15/87	1:48				Soil	1	8015
4	E - sidewall of bench.	12/15/87	2:05				Soil	1	8015
5	Bottom of EXC.	12/15/87	2:14				Soil	1	8015

Relinquished by: (Signature) Sheila Fooshee	Received by: (Signature)	Date/Time
Relinquished by: (Signature)	Received by: (Signature)	Date/Time
Relinquished by: (Signature)	Received by Mobile Laboratory for field analysis: (Signature)	Date/Time
Dispatched by: (Signature) / Date/Time	Received for Laboratory by:	Date/Time 12/17/87 9:15 AM

Method of Shipment: Chilled/by AHC truck

Special Instructions: Analyze samples using EPA Method 8015

QA/QC data & original reports

SOURCE: Adapted from U.S. EPA, 1985

APPLIED HYDROGEOLOGIC consultants

4 January 1988
(AHC LA 57B5A.7)

Mr. Abdi Majidsar
South Coast Air Quality Management District
Engineering Division
9150 Flair Drive
El Monte, CA 91731

Subject: 4120 West Imperial Highway, Hawthorne - Land Spreading

Dear Mr. Majidsar:

This letter is to inform the South Coast Air Quality Management District of the land spreading of gasoline contaminated soils at 4120 West Imperial Highway, Hawthorne, California.

An unauthorized release of gasoline was noted during removal of six buried gasoline tanks from the site. Soil samples obtained from the eastern tank excavation (Samples 5 thru 12) were found by laboratory analysis to contain 0 to 2,100 ppm Total Petroleum Hydrocarbons (TPH) and from 0 to 1.9 ppm of organic lead (Table 1). The laboratory analysis, Quality Assurance/Quality Control data, and chain of custody form are attached (CRL I.D. # 728916).

TABLE 1
SOIL SAMPLE ANALYSIS

Sample	TPH (EPA 8015)	Organic Lead (CAL DOHS)
1 thru 4	N/D	N/D
5	2100	0.49
6	1200	1.90
7	15	N/D
8 thru 12	N/D	N/D

* All results in mg/Kg (ppm)
N/D Non-Detected at 1 mg/Kg (ppm) for TPH and 0.1 mg/Kg (ppm) for Organic Lead

Assessment and mitigation of the unauthorized release will be accomplished by removal of contaminated soils from the excavation. Site mitigation is being supervised by the Los Angeles County, Department of Public Works, Waste Management Division. That's a lie!

2662 South Grand Avenue • Santa Ana, CA 92705 • (714) 241-1161

The estimated 40 cubic yards of contaminated soil will be spread on site in order to reduce TPH levels to below 100 ppm. Soils will be spread out over an area of approximately 125 square yards on a asphaltic concrete surfaced parking lot at the site. Soils found to contain less than 100 ppm TPH will be returned to the excavation.

Soils will be turned several times over a six to eight week period. Soils will only be spread and rotated during daylight hours when there is sufficient wind velocity (5-10 mph) to dissipate any hydrocarbon vapors. Soil will not be spread when wind condition exceed 15 mph average (over a 15 minute period) or the wind speed instantaneously exceeds 25 mph to minimize fugitive dust.

During aeration of the soils, hydrocarbon vapors will be checked at least once a week using a portable organic vapor meter (OVM; United Technologies Bacharach Sniffer 503). OVM and Lower Explosion Limit (%LEL) readings will also be made to assure that hazardous accumulations of hydrocarbon vapors do not occur.

Please feel free to contact our office if you have any questions.

Sincerely,

Sheila M. Fooshee

Sheila M. Fooshee
Staff Geologist

Reviewed by

Robert S. Austin, RCE 37455
Project Engineer

Enclosure

cc: Gary Germain, S&W Towing
DPW

Chemical Research Laboratories, Inc.
SOUTHERN CALIFORNIA DIVISION
7440 Lincoln Way • Garden Grove, CA 92641
(714) 898-6370 • FAX: (714) 891-5917 • (800) LAB-1CRL

November 2, 1987

APPLIED HYDROGEOLOGIC CONSULTANTS
1516 EAST EDINGER STE A
SANTA ANA, CA 92705
ATTN: MR. DAVID LESPERANCE

ANALYSIS NO.: 728916-001/012
ANALYSES: EPA METHOD 8015/ORG. LEAD
DATE SAMPLED: 10/15/87
DATE SAMPLE REC'D: 10/16/87
PROJECT: DEJAR/GERMAIN

Enclosed with this letter is the report on the chemical and physical analyses on the samples from ANALYSIS NO: 728916-001/012 shown above.

The samples were received by CRL in a chilled state, intact, and with the chain-of-custody record attached.

Please note that ND( ) means not detected at the detection limit expressed within the parentheses.

REVIEWED AND APPROVED

11/3/87
DATE

This report pertains only to the samples investigated and does not necessarily apply to other apparently identical or similar materials. This report is submitted for the exclusive use of the client to whom it is addressed. Any reproduction of this report or use of this Laboratory's name for advertising or publicity purposes without authorization is prohibited.

Chemical Research Laboratories, Inc.
SOUTHERN CALIFORNIA DIVISION
7440 Lincoln Way • Garden Grove, CA 92641
(714) 898-6370 • FAX: (714) 891-5917 • (800) LAB-1CRL

LABORATORY REPORT

APPLIED HYDROGEOLOGIC CONSULTANTS
1516 EAST EDINGER STE A
SANTA ANA, CA 92705
ATTN: MR. DAVID LESPERANCE

ANALYSIS NO.: 728916-001/012
ANALYSES: EPA METHOD 8015/ORG. LEAD
DATE SAMPLED: 10/15/87
DATE SAMPLE REC'D: 10/16/87
DATE ANALYZED: 10/19/87
SAMPLE TYPE: SOIL
PROJECT: DEJAR/GERMAIN

SAMPLE IDENTIFICATION	TOTAL PETROLEUM HYDROCARBON EPA METHOD 8015 [mg/kg]	ORGANIC LEAD [mg/kg]
SAMPLE #1 TANK #1	ND(1)	ND(0.1)
SAMPLE #2 TANK #1	ND(1)	ND(0.1)
SAMPLE #3 TANK #2	ND(1)	ND(0.1)
SAMPLE #4 TANK #2	ND(1)	ND(0.1)
SAMPLE #5 TANK #3	2,100	0.49
SAMPLE #6 TANK #3	1,200	1.9
SAMPLE #7 TANK #4	15	ND(0.1)
SAMPLE #8 TANK #4	ND(1)	ND(0.1)
SAMPLE #9 TANK #5	ND(1)	ND(0.1)
SAMPLE #10 TANK #5	ND(1)	ND(0.1)
SAMPLE #11 TANK #6	ND(1)	ND(0.1)
SAMPLE #12 TANK #6	ND(1)	ND(0.1)

This report pertains only to the samples investigated and does not necessarily apply to other apparently identical or similar materials. This report is submitted for the exclusive use of the client to whom it is addressed. Any reproduction of this report or use of this Laboratory's name for advertising or publicity purposes without authorization is prohibited.

Chemical Research Laboratories, Inc.
SOUTHERN CALIFORNIA DIVISION
7440 Lincoln Way • Garden Grove, CA 92641
(714) 898-6370 • FAX: (714) 891-5917 • (800) LAB-1CRL

QA/QC SUMMARY

APPLIED HYDROGEOLOGIC CONSULTANTS
1516 EAST EDINGER STE A
SANTA ANA, CA 92705
ATTN: MR. DAVID LESPERANCE

ANALYSIS NO.: 728916-001/012
ANALYSES: QA/QC SUMMARY
DATE SAMPLED: 10/15/87
DATE SAMPLE REC'D: 10/16/87
PROJECT: DEJAR/GERMAIN

QA/QC SUMMARY

Date	Parameter(method)	Average Matrix Spike Recovery	Acceptable Range	Duplicate RPD*	Acceptable Range
10/19/87	Gasoline (EPA 8015)	91	70-130	5	40
10/20/87	Organic Lead (DOHS)	95	60-120	0	20

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CHEMICAL RESEARCH LABORATORIES, INC.

11631 SEABOARD CIRCLE, STANTON, CA 90680
TEL. NOS.: (714) 898-6370 (213) 598-0458

- ORANGE COUNTY
- VENTURA
- SANTA MARIA
- BAKERSFIELD
- L.A. COUNTY

CHAIN OF CUSTODY RECORD

Date 10/15/87 Page 1 of 2

CLIENT A.H.C

ADDRESS 1516 EAST EDINGER, SUITE A
SANTA ANA, CA 92705

PROJECT MANAGER
ATTN: DAVID LESPERANCE

PHONE NUMBER
(714) 835-7818

PROJECT NAME
DEJAR/GERMAIN

SAMPLERS: (Signature)
David Lesperance

SAMPLE NUMBER	LOCATION DESCRIPTION	DATE	TIME	SAMPLE TYPE WATER Comp.	WATER Grab.	AIR	SOLID	NO. OF CNTNRS	TESTS REQUIRED
1	TANK #1	10/15/87					SOIL	1	8015, 8020
2	TANK #1							1	
3	TANK #2							1	
4	"							1	
5	TANK #3							1	
6	"							1	
7	TANK #4							1	

Relinquished by: (Signature) David Lesperance
Received by: (Signature) Scott Mall
Date/Time 10/15/87

Relinquished by: (Signature) Scott Mall
Received by: (Signature)
Date/Time 10/16/87

Relinquished by: (Signature)
Received by Mobile Laboratory for field analysis: (Signature)
Date/Time

Dispatched by: (Signature)
Date/Time
Received for Laboratory by:
Date/Time 10/16/87

Method of Shipment:
Chilled / By AHC TRUCK

Special Instructions:
Verbal results NO LATER THAN Friday!
to MARK King

SOURCE: Adapted from U.S. EPA, 1985

CHEMICAL RESEARCH LABORATORIES, INC.

11631 SEABOARD CIRCLE, STANTON, CA 90680
TEL. NOS.: (714) 898-6370 (213) 598-0458

- ORANGE COUNTY
- VENTURA
- SANTA MARIA
- BAKERSFIELD
- L.A. COUNTY

CHAIN OF CUSTODY RECORD

Date 10/15/87 Page 2 of 2

CLIENT A.H.C.

ADDRESS 1516 EAST EDINGER, SUITE A
SANTA ANA, CA 92705

PROJECT MANAGER
ATTN: DAVID LESPERANCE

PHONE NUMBER
(714) 835-7818

PROJECT NAME
DEJAR/GERMAIN

SAMPLERS: (Signature)
David Lesperance

SAMPLE NUMBER	LOCATION DESCRIPTION	DATE	TIME	SAMPLE TYPE WATER Comp.	SAMPLE TYPE WATER Grab.	SAMPLE TYPE AIR	SOLID	NO. OF CNTNRS	TESTS REQUIRED
8	Tank #4	10/15/87					SOIL	1	8015 8020
9	Tank #5							1	
10	"							1	
11	Tank #6							1	
12	"							1	

Relinquished by: (Signature) David Lesperance	Received by: (Signature)	Date/Time 10/15/87
Relinquished by: (Signature)	Received by: (Signature)	Date/Time 10/16/87
Relinquished by: (Signature)	Received by Mobile Laboratory for field analysis: (Signature)	Date/Time
Dispatched by: (Signature) / Date/Time	Received for Laboratory by:	Date/Time 10/16/87

Method of Shipment:
CHILLED/BY AHC TRUCK

Special Instructions:

SOURCE: Adapted from U.S. EPA, 1985

3241 B

APPLICATION FOR CLOSURE
HAZARDOUS MATERIALS UNDERGROUND STORAGE
COUNTY OF LOS ANGELES DEPARTMENT OF PUBLIC WORKS
WASTE MANAGEMENT DIVISION
2250 ALCAZAR STREET
LOS ANGELES, CALIFORNIA 90033

OWNER:
NAME Larry Germain
ADDRESS 14158 Hawthorne CITY Hawthorne STATE CA ZIP 90550

FACILITY:
NAME VACANT LOT
SITE ADDRESS 4210 W. Imperial CITY Hawthorne ZIP 90550
MAILING ADDRESS 14158 Hawthorne CITY Hawthorne STATE CA ZIP 90550
CONTACT PERSON Larry Germain TITLE Owner PHONE 644-8636

CLOSURE REQUESTED:
☐ TEMPORARY (REFER TO CONDITIONS A AND B ON BACK OF THIS FORM)
EFFECTIVE DATE OF CLOSURE _____
DATE OPERATION WILL RESUME _____
☑ PERMANENT, TANK(S) REMOVAL DISPOSAL DESTINATION A.M.R FONTANA
(REFER TO CONDITIONS A AND C ON BACK OF THIS FORM)
☐ PERMANENT, TANK(S) IN PLACE
(REFER TO CONDITIONS A AND D ON BACK OF THIS FORM)

TANK(S) DESCRIPTION: (ATTACH ADDITIONAL LIST IF NECESSARY.)

TANK NO.	MATERIAL	AGE (YEARS)	CAPACITY (GAL)	MATERIALS STORED (PAST AND PRESENT)
1	Steel	20	10000	REG
1	Steel	20	10,000	OIL
1	Steel	60	3 000	PREM
1	Steel	20	280	WASTE OIL

	YES	NO
HAS ANY UNAUTHORIZED DISCHARGE EVER OCCURRED AT THIS SITE?	☐	☑
HAVE STRUCTURAL REPAIRS EVER BEEN MADE ON THESE TANKS?	☐	☑
WILL NEW UNDERGROUND TANKS BE INSTALLED FOLLOWING CLOSURE?	☐	☑
WILL ANY WELLS, INCLUDING MONITORING WELLS, BE ABANDONED?	☐	☑

IF THE RESPONSE TO ANY OF THE ABOVE QUESTIONS IS YES, ATTACH EXPLANATION.

BY SIGNATURE BELOW THE APPLICANT CERTIFIES THAT HE/SHE HAS READ AND UNDERSTANDS THE CONDITIONS ON THE REVERSE SIDE OF THIS FORM AND THAT THE STATEMENTS AND DISCLOSURES ABOVE ARE TRUE AND CORRECT.

APPLICANT'S SIGNATURE _____ DATE Sept 14/87
OWNER ☐ OPERATOR ☑ CONTRACTOR K & L Pump & Supply
STATE LICENSE NO. C-61 495230

TO BE COMPLETED BY THE COUNTY ENGINEER

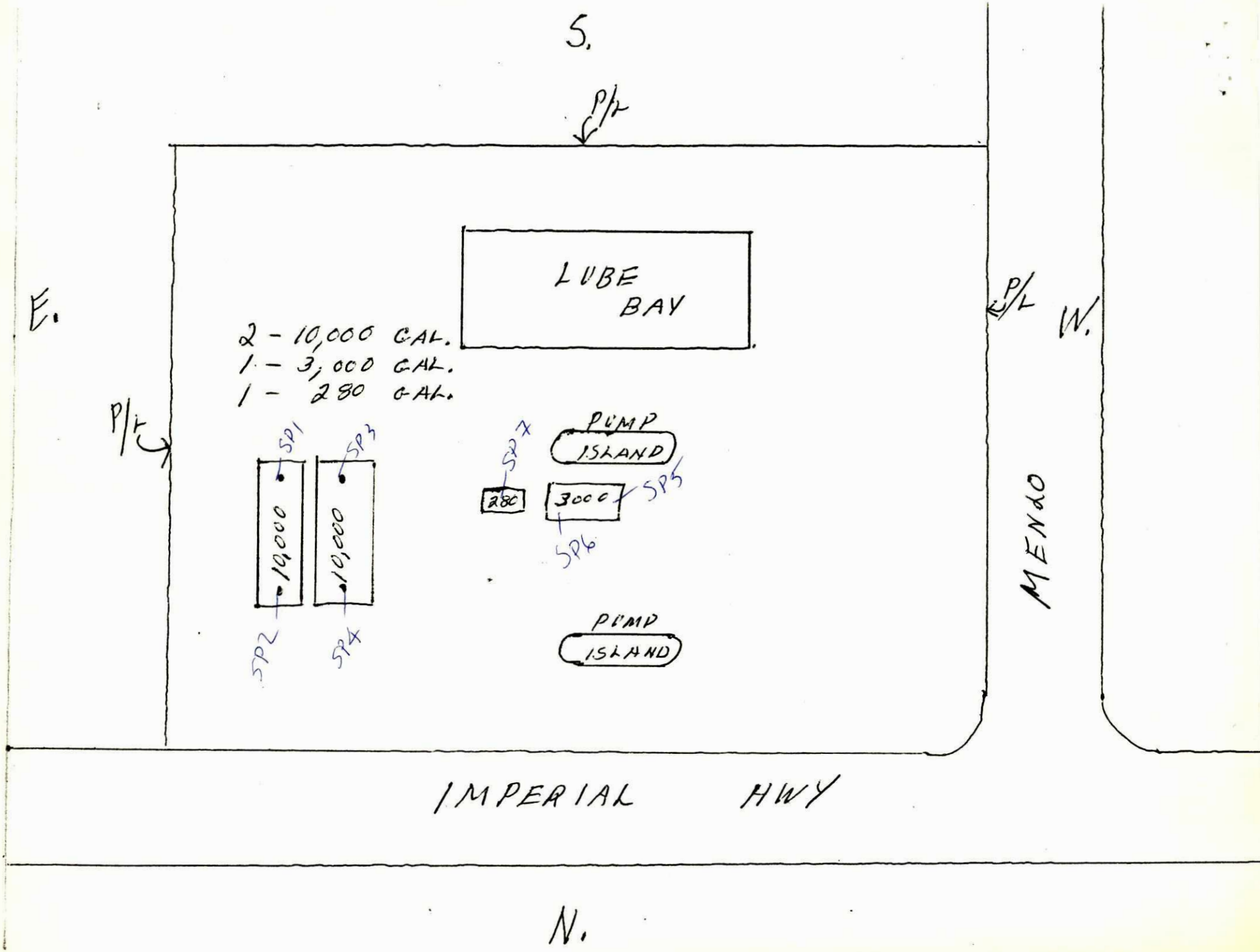
BY SIGNATURE BELOW APPLICANT IS GRANTED APPROVAL TO PROCEED WITH THE CLOSURE.

FEE COLLECTED $ 255
PERMIT NO 3241B
FILE NO 13756 R/C 2C

K Schwartz DATE 9/14/87
TO ARRANGE FOR AN INSPECTION, TELEPHONE BOB HARTLEY 419-5650

8-9 am (72 hr)

LL205 Revised 9/86


S.
P/L
LUBE BAY
E.
P/L
W.
2 - 10,000 GAL.
1 - 3,000 GAL.
1 - 280 GAL.
P/L
SP1
SP3
SP7
PUMP ISLAND
280
3000
SP5
SP6
10,000
10,000
SP2
SP4
PUMP ISLAND
MENDO
IMPERIAL HWY
N.

CLOSURE PERMIT SUPPLEMENT
HAZARDOUS MATERIALS UNDERGROUND STORAGE
LOS ANGELES COUNTY
DEPARTMENT OF PUBLIC WORKS
WASTE MANAGEMENT DIVISION
2250 ALCAZAR STREET
LOS ANGELES, CALIFORNIA 90033

Closure Permit No. _____B
File No.
I-_____-___

To satisfy the permanent closure requirements for underground storage tanks previously storing hazardous materials, site integrity must be demonstrated by the analysis of soil samples and, if applicable, groundwater samples as outlined below. These requirements are in addition to the conditions listed on the Application fo Closure or contained in an approved Closure Plan.

1. Samples shall be obtained at the sampling points (SP) indicated on the attached, plot plan.

2. For each SP, samples shall be obtained at the following depths:

SP	Depth(s)	Compounds	Analysis Method
1-2	2' BELOW INVERT	TPH + ORGANIC LEAD	8015
3-4	"	TPH	8015
5-6	"	TPH	8015
7	"	TPH	418.1

3. All soil samples obtained shall be undisturbed and unexposed prior to analysis. The method used to obtain the samples and the date of sampling shall be included in the final report.

4. If groundwater is encountered during sampling, a groundwater monitoring well shall be established at the most downgradient sampling point. The well shall be developed by removing a minimum of four well volumes and a groundwater sample shall be obtained and analyzed.

5. The analysis results for all soil samples shall be expressed in milligrams per kilogram (mg/kg). Analysis results for groundwater samples shall be expressed in parts per billion (ppb).

6. Analysis results shall be reported on laboratory letterhead and shall include the following information: a) The date the analysis was conducted; b) The method of extraction (if applicable); c) The method of analysis.

7. All soil/groundwater samples obtained shall be handled and transported to a laboratory in strict accordance with applicable EPA regulations utilizing chain-of-custody procedures. Chain-of-custody documentation shall be included in the final report.

8. If the soil/groundwater analysis indicates undefined contamination at the facility, additional sampling shall be required to define the vertical and lateral extent present.

9. A final report that contains all of the above required information shall be submitted to the office above within one (1) month from the sampling date or 180 days from the date of this permit, whichever earlier.

LOS ANGELES COUNTY
DEPARTMENT OF PUBLIC WORKS
CLOSURE REPORT REQUIREMENTS

A closure report shall be submitted to the Los Angeles County Department of Public Works, Waste Management Division, P.O. Box 4089, Los Angeles, CA 90051 containing:

1. File number of facility and closure permit number.
2. Plot plan to scale showing locations of tanks, sampling points, buildings, adjacent streets and north arrow.
3. Description of methods for obtaining, handling and transporting samples.
4. Time and date samples were obtained.
5. If borings were established, boring logs certified by a CA Registered Geologist, CA Certified Engineering Geologist or CA Registered Civil Engineer with sufficient experience in soils.
6. Chain-of-custody documentation initiated by person obtaining sample through person at State Department of Health Services certified laboratory.
7. Disposal destination of tanks and evidence of legal disposal.
8. Analysis results by a State certified laboratory submitted on laboratory letterhead showing analysis date, methods of extraction and methods of analysis.
9. Documentation as to depth of groundwater at facility.
10. Manifests to document hazardous waste disposal of any removed soil.
11. Any observations of site contamination.
12. Remedial action plan to mitigate contamination.
13. Report to be signed by CA Registered Geologist, CA Certified Engineering Geologist or CA Registered Civil Engineer with sufficient experience in soils.

Signature P. Reinjerdes Date Sept 14/87

Waste mgt

APPLIED HYDROGEOLOGIC consultants

9 November 1987
(AHC LA 57B5.7)

RECEIVED
DEC 2 1987
DEPARTMENT OF PUBLIC WORKS
ENGINEERING SERVICES DIVISION

860.4.3

704556
WL

Mr. Gary Germain
11428 Kornblum
Hawthorne, CA 90505

Subject: Buried Tank Soil Sample Analysis - 4120 W. Imperial Highway, Hawthorne, CA.

4210 FN 13756

Dear Mr. Germain:

In accordance with the request of Pat Desjardines of Dejar Construction we have obtained soil samples from below the buried gasoline tank excavations at 4120 W. Imperial Highway, Hawthorne, California. It is our understanding that the tanks contained leaded gasoline in the past.

The site is located in a relatively level, commercial and residential area (see attached site location map, Inglewood 7.5 minute Quadrangle, USGS). The estimated depth to ground water is approximately 95 feet, "Coastal Plain, Deep Aquifer Map", County of Los Angeles, Department of Public Works, Fall 1986.

Six steel gasoline storage tanks were removed from two separate excavation at the site on 15 October 1987. Two 10,000 gallon tanks were removed from the western tank excavation (Tanks 1 and 2; Figure 1). One 3,000 gallon (Tank 3) and three 1,000 gallon tanks (Tanks 4, 5, and 6) were removed from the eastern tank excavation. All tanks were intact with no visible holes. Some rusted areas were visible in the lower portion of all the tanks. The tanks were transported to American Metals Reycling (AMR) in Fontana. A copy of the disposal receipt is attached.

Two soil samples were obtained from two feet below the bottom of each tank on 15 October 1987 (Samples 1 through 12; Figure 1). These samples were collected from beneath the ports at each end of the tank. The samples were placed in teflon capped glass jars, chilled, and transported to Chemical Research Laboratory (CRL) for analysis. The samples were analyzed for total petroleum hydrocarbons (TPH) in accordance with EPA method 8015 (modified for fuels) and organic lead in accordance with CAL DOHS.

The results of the laboratory analysis are summarized in Table 1. The laboratory analysis, Quality Assurance/Quality Control data and chain of custody are attached (CRL I.D. # 728916).

Total petroleum hydrocarbons (TPH) and organic lead were not detected in samples 1 through 4 and samples 8 through 12. TPH were not detected to 1 mg/kg and organic lead was not detected to .1 mg/kg for these samples.

TPH and organic lead were found in samples 5, 6, and 7. The levels of TPH in samples 5 and 6 are above the recommended State action level for TPH (100 ppm).

The high levels of TPH found in sample 5 and 6 relative to the recommended state action level indicate that further site assessment and mitigation will be required by the Department of Public Works for the western tank excavation.

The opportunity to prepare this report is greatly appreciated. Please contact our office if you have any questions.

Sincerely,

Sheila M. Fooshee

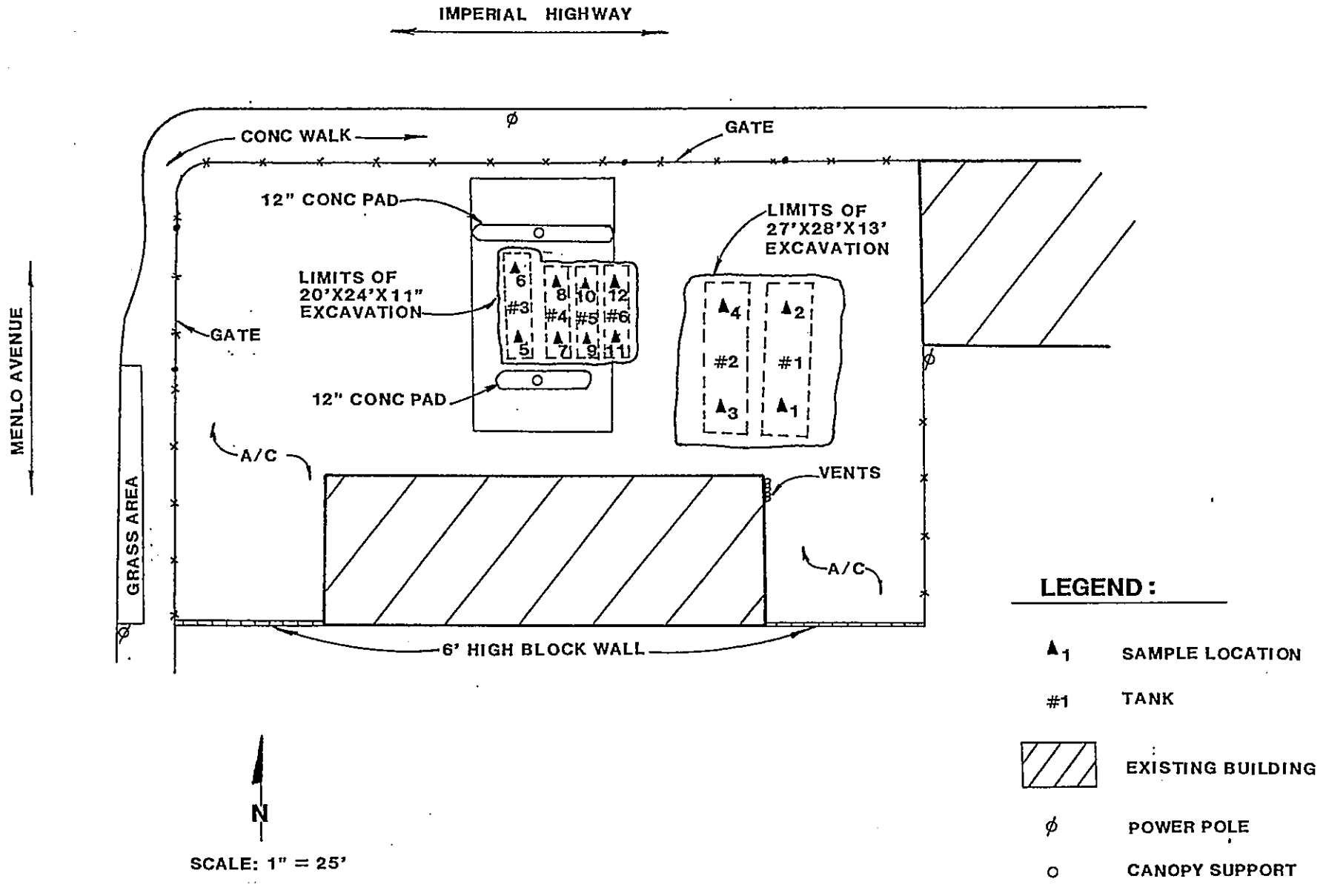
Sheila M. Fooshee
Staff Geologist

Reviewed by,

Robert S. Austin, RCE 37455
Project Engineer

Enclosures – 9

cc: DPW
Dejarsdines



APPLIED HYDROGEOLOGIC consultants	BURIED TANK REMOVAL 4120 W. IMPERIAL HIGHWAY HAWTHORNE, CALIFORNIA	PROJECT NO. LA 57B5.7

AMERICAN FUEL TANK METAL RECYCLING, INC.

2202 South Milliken Avenue
Ontario, CA 91761
(714) 947-2888

No. 00396

TANK DISPOSAL FORM

Date: Oct. 15 ,1987
Job #
P.O. #

CONTRACTOR: Dejar Construction
ADDRESS: P.O. Box 4781, Whittier, CA 90607
JOB SITE: Gary Germain
ADDRESS: 4210 E. Imperial Hwy., Hawthorne, CA
DESTINATION: A.M.R. 2202 S. Milliken Ave., Ontario, CA 91761

DATE	TIME	PROJECTED TANKS	ORDERED BY:	LIC. NO.
	4:00 pm			

SPECIAL INSTRUCTIONS: Two Trucks

✓	Services Rendered	Cost
___	Disposal Fee	100.00
___	Extensive Loading Time	150.00
___	Disposal Fee with Permit	250.00
___	Fiberglass Tank Disposal Fee Per Tank	200.00
___	Cancellation Fee	250.00
✓	Other Specify Drop-off	
	TOTAL CHARGES	$ -0-

All fees incurred are per load unless specified. Terms are net 30 days from date of invoice.

COMMODITY (SPECIFY)

TANKS RECEIVED

QTY.	GALLONS	TYPE F*	TYPE S*	NET TONS	TOTAL
	280	☐	☐	.15	
	500	☐	☐	.22	
	550	☐	☐	.25	
1	1000 - 12ft.	☐	☒	.46	.46
	1000 - 6ft.	☐	☐	.63	
	1500	☐	☐	.90	
	2000	☐	☐	1.00	
	2500	☐	☐	1.18	
1	3000	☐	☒	1.36	1.36
	4000	☐	☐	1.70	
	5000	☐	☐	2.50	
	6000	☐	☐	2.92	
	7500	☐	☐	3.36	
2	8000	☐	☒	3.55	7.10
	9000	☐	☐	3.94	
	10000	☐	☐	4.47	

NO. OF TANKS 4 TOTAL NET TONS 8.92

*F = FIBERGLASS *S = STEEL 105

CERTIFICATE OF TANK DISPOSAL/DESTRUCTION
THIS IS TO CERTIFY THE RECEIPT AND ACCEPTANCE OF THE TANK(S) AS SPECIFIED ABOVE. ALL MATERIALS SPECIFIED HAVE BEEN COMPLETELY DESTROYED FOR SCRAP PURPOSES ONLY.

AUTHORIZED REP. GENERATOR COPY DATE 10-15-87

AMERICAN FUEL TANK METAL RECYCLING, INC.

2202 South Milliken Avenue
Ontario, CA 91761
(714) 947-2888

No. 00452

TANK DISPOSAL FORM

Date: 10-19 ,1987
Job #
P.O. #

CONTRACTOR: Dejar Construction
ADDRESS: P.O. Box 4781, Whittier, CA 90607
JOB SITE: Gary Germain
ADDRESS: 4210 E. Imperial Hwy., Hawthorne, CA
DESTINATION: A.M.R. 2202 S. Milliken Ave., Ontario, CA 91761

DATE	TIME	PROJECTED TANKS	ORDERED BY:	LIC. NO.

SPECIAL INSTRUCTIONS:

✓	Services Rendered	Cost
___	Disposal Fee	100.00
___	Extensive Loading Time	150.00
___	Disposal Fee with Permit	250.00
___	Fiberglass Tank Disposal Fee Per Tank	200.00
___	Cancellation Fee	250.00
✓	Other Specify Drop-Off	

TOTAL CHARGES $ -0-

All fees incurred are per load unless specified. Terms are net 30 days from date of invoice.

COMMODITY (SPECIFY)

QTY.	TANKS RECEIVED GALLONS	TYPE F*	TYPE S*	NET TONS	TOTAL
	280	☐	☐	.15	
	500	☐	☐	.22	
	550	☐	☐	.25	
	1000 - 12ft.	☐	☐	.46	
	1000 - 6ft.	☐	☐	.63	
	1500	☐	☐	.90	
2	2000	☐	☑	1.00	2.0
	2500	☐	☐	1.18	
	3000	☐	☐	1.36	
	4000	☐	☐	1.70	
	5000	☐	☐	2.50	
	6000	☐	☐	2.92	
	7500	☐	☐	3.36	
	8000	☐	☐	3.55	
	9000	☐	☐	3.94	
	10000	☐	☐	4.47	

NO. OF TANKS: 2 TOTAL NET TONS: 2.0

*F = FIBERGLASS *S = STEEL 105

CERTIFICATE OF TANK DISPOSAL/DESTRUCTION
THIS IS TO CERTIFY THE RECEIPT AND ACCEPTANCE OF THE TANK(S) AS SPECIFIED ABOVE. ALL MATERIALS SPECIFIED HAVE BEEN COMPLETELY DESTROYED FOR SCRAP PURPOSES ONLY.

K. Graham — AUTHORIZED REP.
GENERATOR COPY
10-19-87 — DATE

TABLE 1
SOIL SAMPLE ANALYSIS

Sample	EPA METHOD 8015 (TPH*)	Organic Lead*
1 thru 4	N/D	N/D
5	2100	0.49
6	1200	1.90
7	15	N/D
8 thru 12	N/D	N/D

* N/D at 1 mg/kg (ppm) for TPH and .1 mg/kg for Organic Lead

Chemical Research Laboratories, Inc.
SOUTHERN CALIFORNIA DIVISION
7440 Lincoln Way • Garden Grove, CA 92641
(714) 898-6370 • FAX: (714) 891-5917 • (800) LAB-1CRL

November 2, 1987

APPLIED HYDROGEOLOGIC CONSULTANTS
1516 EAST EDINGER STE A
SANTA ANA, CA 92705
ATTN: MR. DAVID LESPERANCE

ANALYSIS NO.: 728916-001/012
ANALYSES: EPA METHOD 8015/ORG. LEAD
DATE SAMPLED: 10/15/87
DATE SAMPLE REC'D: 10/16/87
PROJECT: DEJAR/GERMAIN

Enclosed with this letter is the report on the chemical and physical analyses on the samples from ANALYSIS NO: 728916-001/012 shown above.

The samples were received by CRL in a chilled state, intact, and with the chain-of-custody record attached.

Please note that ND( ) means not detected at the detection limit expressed within the parentheses.

REVIEWED AND APPROVED

11/3/87
DATE

This report pertains only to the samples investigated and does not necessarily apply to other apparently identical or similar materials. This report is submitted for the exclusive use of the client to whom it is addressed. Any reproduction of this report or use of this Laboratory's name for advertising or publicity purposes without authorization is prohibited.

Chemical Research Laboratories, Inc.
SOUTHERN CALIFORNIA DIVISION
7440 Lincoln Way • Garden Grove, CA 92641
(714) 898-6370 • FAX: (714) 891-5917 • (800) LAB-1CRL

LABORATORY REPORT

APPLIED HYDROGEOLOGIC CONSULTANTS
1516 EAST EDINGER STE A
SANTA ANA, CA 92705
ATTN: MR. DAVID LESPERANCE

ANALYSIS NO.: 728916-001/012
ANALYSES: EPA METHOD 8015/ORG. LEAD
DATE SAMPLED: 10/15/87
DATE SAMPLE REC'D: 10/16/87
DATE ANALYZED: 10/19/87
SAMPLE TYPE: SOIL
PROJECT: DEJAR/GERMAIN

SAMPLE IDENTIFICATION	TOTAL PETROLEUM HYDROCARBON EPA METHOD 8015 [mg/kg]	ORGANIC LEAD [mg/kg]
SAMPLE #1 TANK #1	ND(1)	ND(0.1)
SAMPLE #2 TANK #1	ND(1)	ND(0.1)
SAMPLE #3 TANK #2	ND(1)	ND(0.1)
SAMPLE #4 TANK #2	ND(1)	ND(0.1)
SAMPLE #5 TANK #3	2,100	0.49
SAMPLE #6 TANK #3	1,200	1.9
SAMPLE #7 TANK #4	15	ND(0.1)
SAMPLE #8 TANK #4	ND(1)	ND(0.1)
SAMPLE #9 TANK #5	ND(1)	ND(0.1)
SAMPLE #10 TANK #5	ND(1)	ND(0.1)
SAMPLE #11 TANK #6	ND(1)	ND(0.1)
SAMPLE #12 TANK #6	ND(1)	ND(0.1)

This report pertains only to the samples investigated and does not necessarily apply to other apparently identical or similar materials. This report is submitted for the exclusive use of the client to whom it is addressed. Any reproduction of this report or use of this Laboratory's name for advertising or publicity purposes without authorization is prohibited.

Chemical Research Laboratories, Inc.
SOUTHERN CALIFORNIA DIVISION
7440 Lincoln Way • Garden Grove, CA 92641
(714) 898-6370 • FAX: (714) 891-5917 • (800) LAB-1CRL

QA/QC SUMMARY

APPLIED HYDROGEOLOGIC CONSULTANTS
1516 EAST EDINGER STE A
SANTA ANA, CA 92705
ATTN: MR. DAVID LESPERANCE

ANALYSIS NO.: 728916-001/012
ANALYSES: QA/QC SUMMARY
DATE SAMPLED: 10/15/87
DATE SAMPLE REC'D: 10/16/87
PROJECT: DEJAR/GERMAIN

QA/QC SUMMARY

Date	Parameter(method)	Average Matrix Spike Recovery	Acceptable Range	Duplicate RPD*	Acceptable Range
10/19/87	Gasoline (EPA 8015)	91	70-130	5	40
10/20/87	Organic Lead (DOHS)	95	60-120	0	20

This report pertains only to the samples investigated and does not necessarily apply to other apparently identical or similar materials. This report is submitted for the exclusive use of the client to whom it is addressed. Any reproduction of this report or use of this Laboratory's name for advertising or publicity purposes without authorization is prohibited.

CHEMICAL RESEARCH LABORATORIES, INC.

11631 SEABOARD CIRCLE, STANTON, CA 90680
TEL. NOS.: (714) 898-6370 (213) 598-0458

- ORANGE COUNTY
- VENTURA
- SANTA MARIA
- BAKERSFIELD
- L.A. COUNTY

CHAIN OF CUSTODY RECORD

Date 10/15/87 Page 1 of 2

CLIENT A.H.C

ADDRESS 1516 EAST EDINGER, SUITE A
SANTA ANA, CA 92705

PROJECT MANAGER
ATTN: DAVID LESPERANCE

PHONE NUMBER
(714) 835-7818

PROJECT NAME
DESAR / GERMAIN

SAMPLERS: (Signature)
David Lesperance

SAMPLE NUMBER	LOCATION DESCRIPTION	DATE	TIME	SAMPLE TYPE WATER Comp.	WATER Grab.	AIR	SOLID	NO. OF CNTNRS	TESTS REQUIRED
1	TANK #1	10/15/87					SOIL	1	8015, 8020
2	TANK #1							1	
3	TANK #2							1	
4	"							1	
5	TANK #3							1	
6	"							1	
7	TANK #4							1	

Relinquished by: (Signature) David Lesperance
Received by: (Signature) Scott Mohr
Date/Time 10/15/87

Relinquished by: (Signature)
Received by: (Signature)
Date/Time 10/16/87

Relinquished by: (Signature)
Received by Mobile Laboratory for field analysis: (Signature)
Date/Time

Dispatched by: (Signature)
Date/Time
Received for Laboratory by:
Date/Time 10/16/87

Method of Shipment:
Chilled / By AHC TRUCK

Special Instructions:
Unocal results no later than Friday!
per Mike King

SOURCE: Adapted from U.S. EPA, 1985

CHEMICAL RESEARCH LABORATORIES, INC.

11631 SEABOARD CIRCLE, STANTON, CA 90680
TEL. NOS.: (714) 898-6370 (213) 598-0458

- ORANGE COUNTY
- VENTURA
- SANTA MARIA
- BAKERSFIELD
- L.A. COUNTY

CHAIN OF CUSTODY RECORD

Date 10/15/87 Page 2 of 2

CLIENT A.H.C.

ADDRESS 1516 EAST EDINGER, SUITE A
SANTA ANA, CA 92705

PROJECT MANAGER
ATTN: DAVID LESPERANCE

PHONE NUMBER
(714) 835-7818

PROJECT NAME
DEJAR/GERMAIN

SAMPLERS: (Signature)
David Lesperance

SAMPLE NUMBER	LOCATION DESCRIPTION	DATE	TIME	SAMPLE TYPE WATER Comp.	SAMPLE TYPE WATER Grab.	SAMPLE TYPE AIR	SOLID	NO. OF CNTNRS	TESTS REQUIRED
8	Tank #4	10/15/87					SOIL	1	8015 8020
9	Tank #5							1	
10	"							1	
11	Tank #6							1	
12	"							1	

Relinquished by: (Signature) David Lesperance
Received by: (Signature) [signature]
Date/Time 10/15/87

Relinquished by: (Signature) [signature]
Received by: (Signature) [signature]
Date/Time 10/16/87

Relinquished by: (Signature)
Received by Mobile Laboratory for field analysis: (Signature)
Date/Time

Dispatched by: (Signature)
Date/Time
Received for Laboratory by: [signature]
Date/Time 10/16/87

Method of Shipment:
CHILLED/BY AHC TRUCK

Special Instructions:

SOURCE: Adapted from U.S. EPA, 1985

APPLICATION FOR CLOSURE
HAZARDOUS MATERIALS UNDERGROUND STORAGE
COUNTY OF LOS ANGELES-DEPARTMENT OF PUBLIC WORKS
WASTE MANAGEMENT DIVISION
900 S. FREMONT AVENUE
ALHAMBRA, CALIFORNIA 91803-1331

These tanks have already been removed but was not included in permitted in original permit 32416.

Permit 9296 B
File 13756 R/C 2C
Fee $ 264
Check [x] Cash [ ]

OWNER: Name GARY GERAMIAN Phone
Mailing Address 11426 KONNIESTOWN City HAWTHORNE State CA Zip 90505

FACILITY:
Occupant Name GARY GERAMIAN Phone
Site Address 4210 W. IMPERIAL HWY City HAWTHORNE Zip 90550
Mailing Address SAME AS ABOVE City State Zip
Contact Person " " Title

CONTRACTOR [ ], complete below: OWNER/OPERATOR AS CONTRACTOR [ ]
Name Phone
State License No. Class

CLOSURE REQUESTED:
[X] PERMANENT, TANK REMOVAL (See Conditions A and C Attached)
How many underground tanks will remain after this closure? NONE
[ ] PERMANENT, CLOSURE IN PLACE (See Conditions A and D Attached)
[ ] TEMPORARY (See Conditions A and B Attached)

TANK DESCRIPTION: PLOT PLAN ATTACHED [ ] EXISTING HMUSP NO.

Tank No.	Tank Mat'l	Age	Capacity	Materials Stored (Past/Present)
5	STEEL	10YR+	1000	GASOLINE CERTIFIED (REMOVED) 19
6	STEEL	10YR+	1000	GASOLINE LEADED (REMOVED) 19

COMPLETE THE FOLLOWING:

	YES	NO
Has an unauthorized release ever occurred at this site?	[ ]	[X]
Have structural repairs ever been made to these tanks?	[ ]	[X]
Will new underground tanks be installed after closure?	[ ]	[X]
Will any wells, including monitoring wells, be abandoned?	[ ]	[X]

NOTICE: CONTAMINATED TANKS AND RESIDUES THAT MAY BE LEFT IN TANKS TO BE CLOSE MAY BE A HAZARDOUS WASTE WHICH MUST BE TRANSPORTED AND DISPOSED OF PURSUANT TO CHAPTER 6.5, CALIFORNIA HEALTH & SAFETY CODE. FAILURE TO COMPLY MAY BE PROSECUTED AS A FELONY VIOLATION.

By signature below the applicant certifies that all statements and disclosures above are true and correct and that they have read and agree to abide by this permit and all conditions and limitations attached.

Applicant's Signature R Bellmanti Date 8/5/92
(Print Name) R. BELLMANTI Phone (714) 548-8093
Owner [ ] Operator [ ] Contractor [ ]

TO BE COMPLETED BY THE DEPARTMENT OF PUBLIC WORKS

PURSUANT TO SECTION 11.80.070B, LOS ANGELES COUNTY CODE, PERMISSION IS HEREBY GRANTED TO PROCEED WITH THE CLOSURE DESCRIBED ABOVE SUBJECT TO THE ATTACHED CONDITIONS AND LIMITATIONS [X]. THIS PERMIT EXPIRES 180 DAYS FROM THE DATE BELOW.

T.A. TIDEMANSON
Director of Public Works

By Rani Iyer Date 8/5/92

CLOSURE PERMIT SUPPLEMENT
HAZARDOUS MATERIALS UNDERGROUND STORAGE
LOS ANGELES COUNTY
DEPARTMENT OF PUBLIC WORKS
WASTE MANAGEMENT DIVISION
900 S. FREMONT AVENUE
ALHAMBRA, CA 91803

Closure Permit
No.: 9296 B
File No.
I- 13756-2C

PART 1 OF 2

To satisfy the permanent closure requirements for underground storage tanks previously storing hazardous materials, site integrity must be demonstrated by the analysis of soil samples and, if applicable, groundwater samples as outlined below. These requirements are in addition to the conditions listed on the Application for Closure or contained in an approved Closure Plan.

1. Samples shall be obtained at the sampling points (SP) indicated on the attached plot plan.

2. For each SP, samples shall be obtained at the following depths:

SP	Depth(s)	Compounds	Analysis Method
These tanks have already been removed (Oct, 87 & closure report has been received. See # 704538. These tanks were not permitted in the original permit # 3241B			

Cont'd on Page 2

STATE OF CALIFORNIA
STATE WATER RESOURCES CONTROL BOARD

UNDERGROUND STORAGE TANK PERMIT APPLICATION - FORM A

COMPLETE THIS FORM FOR EACH FACILITY/SITE

MARK ONLY ONE ITEM: ☐ 1 NEW PERMIT ☐ 2 INTERIM PERMIT ☐ 3 RENEWAL PERMIT ☐ 4 AMENDED PERMIT ☐ 5 CHANGE OF INFORMATION ☒ 7 PERMANENTLY CLOSED SITE ☐ 6 TEMPORARY SITE CLOSURE

I. FACILITY/SITE INFORMATION & ADDRESS - (MUST BE COMPLETED)

DBA OR FACILITY NAME: GARY GERMANN	NAME OF OPERATOR: SAME	
ADDRESS: 4210 W. IMPERIAL HWY	NEAREST CROSS STREET	PARCEL # (OPTIONAL)
CITY NAME: HAWTHORNE	STATE: CA / ZIP CODE: 90250	SITE PHONE # WITH AREA CODE: (310) 679-7391

✓ BOX TO INDICATE: ☐ CORPORATION ☒ INDIVIDUAL ☐ PARTNERSHIP ☐ LOCAL-AGENCY DISTRICTS ☐ COUNTY-AGENCY ☐ STATE-AGENCY ☐ FEDERAL-AGENCY

TYPE OF BUSINESS: ☐ 1 GAS STATION ☐ 2 DISTRIBUTOR ☐ 3 FARM ☐ 4 PROCESSOR ☒ 5 OTHER	☐ ✓ IF INDIAN RESERVATION OR TRUST LANDS	# OF TANKS AT SITE: 0	E. P. A. I. D. # (optional)

EMERGENCY CONTACT PERSON (PRIMARY)	EMERGENCY CONTACT PERSON (SECONDARY) - optional
DAYS: NAME (LAST, FIRST): SAME AS ABOVE / PHONE # WITH AREA CODE	DAYS: NAME (LAST, FIRST): JOHN GERMANN / PHONE # WITH AREA CODE: (310) 679-7391
NIGHTS: NAME (LAST, FIRST): " / PHONE # WITH AREA CODE: "	NIGHTS: NAME (LAST, FIRST): " / PHONE # WITH AREA CODE: "

II. PROPERTY OWNER INFORMATION - (MUST BE COMPLETED)

NAME: SAME AS ABOVE	CARE OF ADDRESS INFORMATION: C/O TOWLE	
MAILING OR STREET ADDRESS: 11426 KORNBLUM	✓ box to Indicate: ☒ INDIVIDUAL ☐ CORPORATION ☐ PARTNERSHIP ☐ LOCAL-AGENCY ☐ COUNTY-AGENCY ☐ STATE-AGENCY ☐ FEDERAL-AGENCY	
CITY NAME: HAWTHORNE	STATE / ZIP CODE	PHONE # WITH AREA CODE

III. TANK OWNER INFORMATION - (MUST BE COMPLETED)

NAME OF OWNER: SAME AS ABOVE	CARE OF ADDRESS INFORMATION	
MAILING OR STREET ADDRESS: "	✓ box to Indicate: ☒ INDIVIDUAL ☐ CORPORATION ☐ PARTNERSHIP ☐ LOCAL-AGENCY ☐ COUNTY-AGENCY ☐ STATE-AGENCY ☐ FEDERAL-AGENCY	
CITY NAME: "	STATE / ZIP CODE	PHONE # WITH AREA CODE

IV. BOARD OF EQUALIZATION UST STORAGE FEE ACCOUNT NUMBER - Call (916) 323-9555 if questions arise.

TY (TK) HQ 44- [ ][ ][ ][ ][ ][ ]

V. PETROLEUM UST FINANCIAL RESPONSIBILITY - (MUST BE COMPLETED) – IDENTIFY THE METHOD(S) USED

✓ box to Indicate: ☒ 1 SELF-INSURED ☐ 2 GUARANTEE ☐ 3 INSURANCE ☐ 4 SURETY BOND ☐ 5 LETTER OF CREDIT ☐ 6 EXEMPTION ☐ 99 OTHER

VI. LEGAL NOTIFICATION AND BILLING ADDRESS

Legal notification and billing will be sent to the tank owner unless box I or II is checked.

CHECK ONE BOX INDICATING WHICH ABOVE ADDRESS SHOULD BE USED FOR LEGAL NOTIFICATIONS AND BILLING: I. ☐ II. ☐ III. ☐

THIS FORM HAS BEEN COMPLETED UNDER PENALTY OF PERJURY, AND TO THE BEST OF MY KNOWLEDGE, IS TRUE AND CORRECT

APPLICANT'S NAME (PRINTED & SIGNATURE)	APPLICANT'S TITLE	DATE MONTH/DAY/YEAR
R. BRUMMETT R Brummett		8/5/92

LOCAL AGENCY USE ONLY

COUNTY #	JURISDICTION #	FACILITY #
19	000	13756

LOCATION CODE - *OPTIONAL*	CENSUS TRACT # - *OPTIONAL*	SUPVISOR - DISTRICT CODE - *OPTIONAL*
2C		

THIS FORM MUST BE ACCOMPANIED BY AT LEAST (1) OR MORE PERMIT APPLICATION - FORM B, UNLESS THIS IS A CHANGE OF SITE INFORMATION ONLY.

FORM A (5-91) FOR0033A-5

Tanks were removed at this site in 87 but 2 tanks were removed without a permit.

STATE OF CALIFORNIA
STATE WATER RESOURCES CONTROL BOARD

UNDERGROUND STORAGE TANK PERMIT APPLICATION - FORM B

COMPLETE A SEPARATE FORM FOR EACH TANK SYSTEM.

MARK ONLY ONE ITEM: ☐ 1 NEW PERMIT ☐ 2 INTERIM PERMIT ☐ 3 RENEWAL PERMIT ☐ 4 AMENDED PERMIT ☐ 5 CHANGE OF INFORMATION ☐ 6 TEMPORARY TANK CLOSURE ☐ 7 PERMANENTLY CLOSED ON SITE ☒ 8 TANK REMOVED

DBA OR FACILITY NAME WHERE TANK IS INSTALLED: GARY GERMANI

I. TANK DESCRIPTION

COMPLETE ALL ITEMS -- SPECIFY IF UNKNOWN

A. OWNER'S TANK I. D. # 5
B. MANUFACTURED BY: UNK
C. DATE INSTALLED (MO/DAY/YEAR) UNK
D. TANK CAPACITY IN GALLONS: 1000 GA

II. TANK CONTENTS

IF A-1 IS MARKED, COMPLETE ITEM C.

A. ☒ 1 MOTOR VEHICLE FUEL ☐ 2 PETROLEUM ☐ 3 CHEMICAL PRODUCT ☐ 4 OIL ☐ 80 EMPTY ☐ 95 UNKNOWN
B. ☒ 1 PRODUCT ☐ 2 WASTE
C. ☐ 1a REGULAR UNLEADED ☐ 1b PREMIUM UNLEADED ☒ 2 LEADED ☐ 3 DIESEL ☐ 4 GASAHOL ☐ 5 JET FUEL ☐ 6 AVIATION GAS ☐ 7 METHANOL ☐ 99 OTHER (DESCRIBE IN ITEM D. BELOW)
D. IF (A.1) IS NOT MARKED, ENTER NAME OF SUBSTANCE STORED — C. A. S. # :

III. TANK CONSTRUCTION

MARK ONE ITEM ONLY IN BOXES A, B, AND C, AND ALL THAT APPLIES IN BOX D AND E

A. TYPE OF SYSTEM: ☐ 1 DOUBLE WALL ☒ 2 SINGLE WALL ☐ 3 SINGLE WALL WITH EXTERIOR LINER ☐ 4 SECONDARY CONTAINMENT (VAULTED TANK) ☒ 95 UNKNOWN ☐ 99 OTHER
B. TANK MATERIAL (Primary Tank): ☐ 1 BARE STEEL ☐ 2 STAINLESS STEEL ☐ 3 FIBERGLASS ☐ 4 STEEL CLAD W/ FIBERGLASS REINFORCED PLASTIC ☐ 5 CONCRETE ☐ 6 POLYVINYL CHLORIDE ☐ 7 ALUMINUM ☐ 8 100% METHANOL COMPATIBLE W/FRP ☐ 9 BRONZE ☐ 10 GALVANIZED STEEL ☒ 95 UNKNOWN ☐ 99 OTHER
C. INTERIOR LINING: ☐ 1 RUBBER LINED ☐ 2 ALKYD LINING ☐ 3 EPOXY LINING ☐ 4 PHENOLIC LINING ☐ 5 GLASS LINING ☐ 6 UNLINED ☒ 95 UNKNOWN ☐ 99 OTHER
IS LINING MATERIAL COMPATIBLE WITH 100% METHANOL? YES ___ NO ___
D. CORROSION PROTECTION: ☐ 1 POLYETHYLENE WRAP ☐ 2 COATING ☐ 3 VINYL WRAP ☐ 4 FIBERGLASS REINFORCED PLASTIC ☐ 5 CATHODIC PROTECTION ☐ 91 NONE ☒ 95 UNKNOWN ☐ 99 OTHER
E. SPILL AND OVERFILL — SPILL CONTAINMENT INSTALLED (YEAR) UNK — OVERFILL PREVENTION EQUIPMENT INSTALLED (YEAR) UNK

IV. PIPING INFORMATION

CIRCLE A IF ABOVE GROUND OR U IF UNDERGROUND, BOTH IF APPLICABLE

A. SYSTEM TYPE: A U 1 SUCTION A U 2 PRESSURE A U 3 GRAVITY A U 99 OTHER
B. CONSTRUCTION: A U 1 SINGLE WALL A U 2 DOUBLE WALL A U 3 LINED TRENCH A U 95 (UNKNOWN) A U 99 OTHER
C. MATERIAL AND CORROSION PROTECTION: A U 1 BARE STEEL A U 2 STAINLESS STEEL A U 3 POLYVINYL CHLORIDE (PVC) A U 4 FIBERGLASS PIPE A U 5 ALUMINUM A U 6 CONCRETE A U 7 STEEL W/ ~~COATING~~ A U 8 100% METHANOL COMPATIBLE W/FRP A U 9 GALVANIZED STEEL A U 10 CATHODIC PROTECTION A U (95 UNKNOWN) A U 99 OTHER
D. LEAK DETECTION: ☐ 1 AUTOMATIC LINE LEAK DETECTOR ☐ 2 LINE TIGHTNESS TESTING ☐ 3 INTERSTITIAL MONITORING ☐ 99 OTHER UNK

V. TANK LEAK DETECTION

☐ 1 VISUAL CHECK ☐ 2 INVENTORY RECONCILIATION ☐ 3 VADOZE MONITORING ☐ 4 AUTOMATIC TANK GAUGING ☐ 5 GROUND WATER MONITORING ☐ 6 TANK TESTING ☐ 7 INTERSTITIAL MONITORING ☒ 91 NONE ☐ 95 UNKNOWN ☐ 99 OTHER

VI. TANK CLOSURE INFORMATION

1. ESTIMATED LAST USED (MO/DAY/YR) RECENTLY / BEFORE 6/1
2. ESTIMATED QUANTITY OF SUBSTANCE REMAINING ___ GALLONS
3. WAS TANK FILLED WITH INERT MATERIAL? YES ☐ NO ☐

THIS FORM HAS BEEN COMPLETED UNDER PENALTY OF PERJURY, AND TO THE BEST OF MY KNOWLEDGE, IS TRUE AND CORRECT

APPLICANT'S NAME (PRINTED & SIGNATURE): R Burnett R. BRUNNETT — DATE: 8/5/92

LOCAL AGENCY USE ONLY

THE STATE I.D. NUMBER IS COMPOSED OF THE FOUR NUMBERS BELOW

STATE I.D.#	COUNTY #	JURISDICTION #	FACILITY #	TANK #
	19	000	13756	5

PERMIT NUMBER: 9296B — PERMIT APPROVED BY/DATE: RVI 8/5/92 — PERMIT EXPIRATION DATE:

FORM B (7-91) THIS FORM MUST BE ACCOMPANIED BY A PERMIT APPLICATION - FORM A, UNLESS A CURRENT FORM A HAS BEEN FILED. FOR0034B-R5

These tanks were removed in Oct, 87 without a permit.

STATE OF CALIFORNIA
STATE WATER RESOURCES CONTROL BOARD

UNDERGROUND STORAGE TANK PERMIT APPLICATION - FORM B

COMPLETE A SEPARATE FORM FOR EACH TANK SYSTEM.

MARK ONLY ONE ITEM: ☐ 1 NEW PERMIT ☐ 2 INTERIM PERMIT ☐ 3 RENEWAL PERMIT ☐ 4 AMENDED PERMIT ☐ 5 CHANGE OF INFORMATION ☐ 6 TEMPORARY TANK CLOSURE ☐ 7 PERMANENTLY CLOSED ON SITE ☒ 8 TANK REMOVED

DBA OR FACILITY NAME WHERE TANK IS INSTALLED: BARRY GOLDMAN

I. TANK DESCRIPTION
COMPLETE ALL ITEMS -- SPECIFY IF UNKNOWN

A. OWNER'S TANK I. D. # 6 | B. MANUFACTURED BY: UNK
C. DATE INSTALLED (MO/DAY/YEAR) UNK | D. TANK CAPACITY IN GALLONS: 1000

II. TANK CONTENTS
IF A-1 IS MARKED, COMPLETE ITEM C.

A. ☒ 1 MOTOR VEHICLE FUEL ☐ 2 PETROLEUM ☐ 3 CHEMICAL PRODUCT ☐ 4 OIL ☐ 80 EMPTY ☐ 95 UNKNOWN

B. ☒ 1 PRODUCT ☐ 2 WASTE

C. ☐ 1a REGULAR UNLEADED ☐ 1b PREMIUM UNLEADED ☒ 2 LEADED ☐ 3 DIESEL ☐ 4 GASAHOL ☐ 5 JET FUEL ☐ 6 AVIATION GAS ☐ 7 METHANOL ☐ 99 OTHER (DESCRIBE IN ITEM D. BELOW)

D. IF (A.1) IS NOT MARKED, ENTER NAME OF SUBSTANCE STORED | C. A. S. # :

III. TANK CONSTRUCTION
MARK ONE ITEM ONLY IN BOXES A, B, AND C, AND ALL THAT APPLIES IN BOX D AND E

A. TYPE OF SYSTEM: ☐ 1 DOUBLE WALL ☐ 2 SINGLE WALL ☐ 3 SINGLE WALL WITH EXTERIOR LINER ☐ 4 SECONDARY CONTAINMENT (VAULTED TANK) ☒ 95 UNKNOWN ☐ 99 OTHER

B. TANK MATERIAL (Primary Tank): ☐ 1 BARE STEEL ☐ 2 STAINLESS STEEL ☐ 3 FIBERGLASS ☐ 4 STEEL CLAD W/ FIBERGLASS REINFORCED PLASTIC ☐ 5 CONCRETE ☐ 6 POLYVINYL CHLORIDE ☐ 7 ALUMINUM ☐ 8 100% METHANOL COMPATIBLE W/FRP ☐ 9 BRONZE ☐ 10 GALVANIZED STEEL ☒ 95 UNKNOWN ☐ 99 OTHER

C. INTERIOR LINING: ☐ 1 RUBBER LINED ☐ 2 ALKYD LINING ☐ 3 EPOXY LINING ☐ 4 PHENOLIC LINING ☐ 5 GLASS LINING ☐ 6 UNLINED ☒ 95 UNKNOWN ☐ 99 OTHER
IS LINING MATERIAL COMPATIBLE WITH 100% METHANOL ? YES ___ NO ___

D. CORROSION PROTECTION: ☐ 1 POLYETHYLENE WRAP ☐ 2 COATING ☐ 3 VINYL WRAP ☐ 4 FIBERGLASS REINFORCED PLASTIC ☐ 5 CATHODIC PROTECTION ☐ 91 NONE ☒ 95 UNKNOWN ☐ 99 OTHER

E. SPILL AND OVERFILL: SPILL CONTAINMENT INSTALLED (YEAR) UNK | OVERFILL PREVENTION EQUIPMENT INSTALLED (YEAR) UNK

IV. PIPING INFORMATION
CIRCLE **A** IF ABOVE GROUND OR **U** IF UNDERGROUND, BOTH IF APPLICABLE

A. SYSTEM TYPE: A U 1 SUCTION A U 2 PRESSURE A U 3 GRAVITY A U 99 OTHER

B. CONSTRUCTION: A U 1 SINGLE WALL A U 2 DOUBLE WALL A U 3 LINED TRENCH (A U 95 UNKNOWN) A U 99 OTHER

C. MATERIAL AND CORROSION PROTECTION: A U 1 BARE STEEL A U 2 STAINLESS STEEL A U 3 POLYVINYL CHLORIDE (PVC) A U 4 FIBERGLASS PIPE A U 5 ALUMINUM A U 6 CONCRETE A U 7 STEEL W/COATING A U 8 100% METHANOL COMPATIBLE W/FRP A U 9 GALVANIZED STEEL A U 10 CATHODIC PROTECTION (A U 95 UNKNOWN) A U 99 OTHER

D. LEAK DETECTION: ☐ 1 AUTOMATIC LINE LEAK DETECTOR ☐ 2 LINE TIGHTNESS TESTING ☐ 3 INTERSTITIAL MONITORING ☐ 99 OTHER UNK

V. TANK LEAK DETECTION

☐ 1 VISUAL CHECK ☐ 2 INVENTORY RECONCILIATION ☐ 3 VADOZE MONITORING ☐ 4 AUTOMATIC TANK GAUGING ☐ 5 GROUND WATER MONITORING ☐ 6 TANK TESTING ☐ 7 INTERSTITIAL MONITORING ☒ 91 NONE ☐ 95 UNKNOWN ☐ 99 OTHER

VI. TANK CLOSURE INFORMATION

1. ESTIMATED DATE LAST USED (MO/DAY/YR) ALREADY REMOVED | 2. ESTIMATED QUANTITY OF SUBSTANCE REMAINING ___ GALLONS | 3. WAS TANK FILLED WITH INERT MATERIAL ? YES ☐ NO ☐

THIS FORM HAS BEEN COMPLETED UNDER PENALTY OF PERJURY, AND TO THE BEST OF MY KNOWLEDGE, IS TRUE AND CORRECT

APPLICANT'S NAME (PRINTED & SIGNATURE): R Brett R. Brunnemer | DATE: 8/5/92

LOCAL AGENCY USE ONLY
THE STATE I.D. NUMBER IS COMPOSED OF THE FOUR NUMBERS BELOW

STATE I.D.#	COUNTY #	JURISDICTION #	FACILITY #	TANK #
	19	000	13756	6

PERMIT NUMBER: 9296B | PERMIT APPROVED BY/DATE: RVI / 8/5/92 | PERMIT EXPIRATION DATE:

FORM B (7-91) THIS FORM MUST BE ACCOMPANIED BY A PERMIT APPLICATION - FORM A, UNLESS A CURRENT FORM A HAS BEEN FILED.

FOR0034B-R5

These tanks were removed in Oct 87 without a permit.

I-1375-6-2C
RVI(6)

BORING LOG

Job Name and Number: Germain (LA57B5A.8)	Diameter of Boring: 4" Hand Auger
Boring/Monitoring Well Identification: B1	Screen Size and Type:
Date of Completion/Installation: November 18, 1987	Filter Pack Type:
Logged by: Sheila Fooshee & Scott Zook	Type of plug/Sanitary Seal:
Elevation and Datum:	Type of Monitoring Well Cap:
Top of Casing Elevation:	Location: South-west corner of excavation, below tank # 3
Water Level (Depth):	

DEPTH (FEET)	SOIL DESCRIPTION	SAMPLE TYPE	SAMPLE I.D. NO.	OVM (PPM)	TVPH (8015-m)	NOTES
5	OPEN EXCAVATION					REMOVED UNDERGROUND FUEL TANKS FROM EXCAVATION
10	BOTTOM OF EXCAVATION - 11 FEET					
	Brown, saturated, firm, silty sand with green-black streaks, odor			100		
	Damp, silty sand with strong odor			500		
15	Green, damp, firm, silty sand with very strong odor			4,000 150 30		
	Brown, damp, firm, coarse grained sand with silt, no odor		B1-D18 B1-D19	0 0		
20	BOTTOM OF BORING - 19 FEET					
25						
30						
35						
40						

RECEIVED
AUG 05 1992
DEPARTMENT OF PUBLIC WORKS
WASTE MANAGEMENT DIVISION

APPLIED CONSULTANTS
environmental/geology & engineering

LEGEND

Drawn By:	Date:	Checked By:	Date:	Approved By:	Date:

203538

BORING LOG

Job Name and Number: Germain (LA57B5A.8)	Diameter of Boring: 4" Hand Auger, slant boring
Boring/Monitoring Well Identification: B2	Screen Size and Type:
Date of Completion/Installation: November 18, 1987	Filter Pack Type:
Logged by: Sheila Fooshee & Scott Zook	Type of plug/Sanitary Seal:
Elevation and Datum:	Type of Monitoring Well Cap:
Top of Casing Elevation:	Location: South-west wall of excavation, 45 dgrees from vertical
Water Level (Depth):	

DEPTH (FEET)	SOIL DESCRIPTION	SAMPLE TYPE	SAMPLE I.D. NO.	OVM (PPM)	TVPH (8015-m)	NOTES
5	OPEN EXCAVATION					REMOVED UNDERGROUND FUEL TANKS FROM EXCAVATION
10	BOTTOM OF EXCAVATION - 11 FEET					
	Brown-green, slightly damp, firm, silty sand, strong odor					
	Same with very strong odor					
15	Brown, damp, firm silty sand, no odor		B2 - D15			
	BOTTOM OF BORING - 15 FEET					
20						
25						
30						
35						
40						

APPLIED CONSULTANTS
environmental geology & engineering

LEGEND

Drawn By:	Date:	Checked By:	Date:	Approved By:	Date:

BORING LOG

Job Name and Number: Germain (LA57B5A.8)	Diameter of Boring: 4" Hand Auger, slant boring
Boring/Monitoring Well Identification: B3	Screen Size and Type:
Date of Completion/Installation: November 18, 1987	Filter Pack Type:
Logged by: Sheila Fooshee & Scott Zook	Type of plug/Sanitary Seal:
Elevation and Datum:	Type of Monitoring Well Cap:
Top of Casing Elevation:	Location: South wall of excavation, below tank # 4, at 60 degrees from vertical
Water Level (Depth):	

DEPTH (FEET)	SOIL DESCRIPTION	SAMPLE TYPE	SAMPLE I.D. NO.	OVM (PPM)	TVPH (8015-m)	NOTES
5	OPEN EXCAVATION					REMOVED UNDERGROUND FUEL TANKS FROM EXCAVATION
10	BOTTOM OF EXCAVATION - 11 FEET					
	Brown, damp, firm, silty sand with some green streaks, some odor			0		
	Same with no odor					
15	No odor		B3 - D16	75		
	BOTTOM OF BORING - 16 FEET					
20						
25						
30						
35						
40						

APPLIED CONSULTANTS
environmental/geology & engineering

LEGEND

Drawn By:	Date:	Checked By:	Date:	Approved By:	Date:

BORING LOG

Job Name and Number: Germain (LA57B5A.8)	Diameter of Boring: 4" Hand Auger
Boring/Monitoring Well Identification: B4	Screen Size and Type:
Date of Completion/Installation: November 18, 1987	Filter Pack Type:
Logged by: Sheila Fooshee & Scott Zook	Type of plug/Sanitary Seal:
Elevatinn and Datum:	Type of Monitoring Well Cap:
Top of Casing Elevation:	Location: Center of excavation, below tank # 5
Water Level (Depth):	

DEPTH (FEET)	SOIL DESCRIPTION	SAMPLE TYPE	SAMPLE I.D. NO.	OVM (PPM)	TVPH (8015-m)	NOTES
5	OPEN EXCAVATION					REMOVED UNDERGROUND FUEL TANKS FROM EXCAVATION
10	BOTTOM OF EXCAVATION - 11 FEET					
	Brown, moist, firm, silty sand, no odor			0		
15	Same, no odor		B3 - D16	0		
	BOTTOM OF BORING - 16 FEET					
20						
25						
30						
35						
40						

APPLIED CONSULTANTS
environmental geology & engineering

LEGEND

Drawn By:	Date:	Checked By:	Date:	Approved By:	Date:

APPLIED CONSULTANTS
environmental geology & engineering

2662 S. Grand Ave.
Santa Ana, CA
92705
TEL (714) 241-1161
FAX (714) 241-1174

Waste 1
RVI (4)

203364

1 July 1992

I-13756-2C

Mr. Bahman Hajialiakbar
Department of Public Works, Waste Management
P.O.Box 1460
Alhambra, CA 91802-1460

hydrogeology
geotechnical services
environmental services
structural engineering
forensic engineering

Subject: SOIL SAMPLE RESULTS - 4120 WEST IMPERIAL HWY
HAWTHORNE, CA (DPW FILE 13756)

GARY GERMAIN

Dear Mr. Hajialiakbar:

Enclosed are copies of the laboratory results and chain of custody for soil samples obtained from borings 1 through 4 at 4120 West Imperial Highway, Hawthorne.

The samples were obtained on November 18, 1987 and delivered to the laboratory within 18 hours. All soil samples were analyzed for Total Petroleum Hydrocarbons using the DHS method (8015-m).

If there are any questions please contact our office.

Sincerely,

Applied Consultants

William Bater IV

William Bater IV, REA 03226
Project Geologist

REGISTERED ENVIRONMENTAL ASSESSOR
WILLIAM BATER IV
6/92
No. 03226
STATE OF CALIFORNIA

RECEIVED
JUL 2 1992
DEPARTMENT OF PUBLIC WORKS
WASTE MANAGEMENT DIVISION

Chemical Research Laboratories, Inc.
SOUTHERN CALIFORNIA DIVISION
7440 Lincoln Way • Garden Grove, CA 92641
(714) 898-6370 • FAX: (714) 891-5917 • (800) LAB-1CRL

November 25, 1987

APPLIED HYDROGEOLOGIC CONSTRUCTION
1516 East Edinger Ste A
Santa Ana, CA 92705
ATTN: Ms. Sheila Fooshee

ANALYSIS NO.: 732302-001/004
ANALYSES: EPA Method 8015
DATE SAMPLED: 11/18/87
DATE SAMPLE REC'D: 11/19/87
PROJECT: Germain (LA57B5A.7)

Enclosed with this letter is the report on the chemical and physical analyses on the samples from ANALYSIS NO: 732302-001/004 shown above.

The samples were received by CRL in a chilled state, intact, and with the chain-of-custody record attached.

Please note that ND( ) means not detected at the detection limit expressed within the parentheses.

REVIEWED AND APPROVED

This report pertains only to the samples investigated and does not necessarily apply to other apparently identical or similar materials. This report is submitted for the exclusive use of the client to whom it is addressed. Any reproduction of this report or use of this Laboratory's name for advertising or publicity purposes without authorization is prohibited.

Chemical Research Laboratories, Inc.
SOUTHERN CALIFORNIA DIVISION
7440 Lincoln Way • Garden Grove, CA 92641
(714) 898-6370 • FAX: (714) 891-5917 • (800) LAB-1CRL

LABORATORY REPORT

APPLIED HYDROGEOLOGIC CONSTRUCTION
1516 East Edinger Ste A
Santa Ana, CA 92705
ATTN: Ms. Sheila Fooshee

ANALYSIS NO.: 732302-001/004
ANALYSES: EPA Method 8015
DATE SAMPLED: 11/18/87
DATE SAMPLE REC'D: 11/19/87
DATE ANALYZED: 11/20/87
SAMPLE TYPE: Soil
PROJECT: Germain (LA57B5A.7)

SAMPLE IDENTIFICATION	TOTAL PETROLEUM HYDROCARBONS EPA METHOD 8015 (mg/kg)
B1-D19 Boring 1 - SW corner	ND(1.)
B2-D15 Boring 2 - W side wall	ND(1.)
B3-D16 Boring 3 - E side wall	ND(1.)
B4-D16 Boring 4 - center	ND(1.)

This report pertains only to the samples investigated and does not necessarily apply to other apparently identical or similar materials. This report is submitted for the exclusive use of the client to whom it is addressed. Any reproduction of this report or use of this Laboratory's name for advertising or publicity purposes without authorization is prohibited.

CHEMICAL RESEARCH LABORATORIES, INC.
11631 SEABOARD CIRCLE, STANTON, CA 90680
TEL. NOS.: (714) 898-6370 (213) 598-0458

- ORANGE COUNTY
- VENTURA
- SANTA MARIA
- BAKERSFIELD
- LA. COUNTY

CHAIN OF CUSTODY RECORD

Date 11/19/87 Page 1 of 1

CLIENT AHC

ADDRESS 2662 So. Grand Ave
Santa Ana, CA 92705

PROJECT MANAGER
ATTN: SHEILA FOOSHEE

PHONE NUMBER
714/241-1161

PROJECT NAME
Germain (LA5735A.7)

SAMPLERS: (Signature)
Sheila Fooshee

SAMPLE NUMBER	LOCATION DESCRIPTION	DATE	TIME	SAMPLE TYPE WATER Comp.	WATER Grab.	AIR	SOLID	NO. OF CNTNRS	TESTS REQUIRED
B1-D15	Boring 1 - SW corner	11/13/87					soil	1	8015
B2-D15	Boring 2 - W sidewall	〃					soil	1	8015
B3-D16	Boring 3 - E sidewall	〃					soil	1	8015
B4-D16	Boring 4 - center	〃					soil	1	8015

Relinquished by: (Signature) Sheila Fooshee — Received by: (Signature) — Date/Time

Relinquished by: (Signature) — Received by: (Signature) — Date/Time

Relinquished by: (Signature) — Received by Mobile Laboratory for field analysis: (Signature) — Date/Time

Dispatched by: (Signature) — Date/Time — Received for Laboratory by: — Date/Time 11/19/87 1005

Method of Shipment:
Chilled by AHC truck.

Special Instructions:
Analyze samples using EPA Method 8015.

SOURCE: Adapted from U.S. EPA, 1985

Waste

I- 13756-AC

900500

PCH

SSD.116

RECEIVED
FEB 24 1989
DEPARTMENT OF PUBLIC WORKS
WASTE MANAGEMENT DIVISION

APPLIED HYDROGEOLOGIC consultants

17 February 1989
(AHC LA 57B5A.7)

Mr. Gary Germain
14128 Kornblum
Hawthorne, CA 90505

Subject: Site mitigation - ~~4120~~ 4210 W. Imperial Highway, Hawthorne
DPW Closure ~~Permit~~ File No. 13756

Dear Mr. Germain:

In accordance with the requirement of the DPW for obtaining site closure we have tested the aerated soils at the former gasoline station at 120 W. Imperial Hwy, Hawthorne, California.

An unauthorized release of gasoline was detected during the removal of 6 gasoline tanks at the site (AHC report dated 4 January 1988). Approximately 40 cubic yards of contaminated soil were excavated during mitigation of the unauthorized release (AHC report dated 4 January 1988). The soil was spread on site and rotated several times over a six month period starting in December 1987.

On 23 September 1988 eight areas of the soil stockpile were screened for the presence of organic vapors using a organic vapor meter. Two discrete representative soil samples were also obtained from the stockpile to confirm remaining contaminant levels. The samples were placed in teflon capped glass jars, chilled, and transported to Chemical Research Laboratories for analysis. The samples were analyzed for total petroleum hydrocarbons (TPH) in accordance with EPA method 8015 (modified for fuels) and BTX&E in accordance with EPA method 8020.

OVM readings were within background levels (0 to 10 ppm). TPH and BTX&E were not-detected in the soil samples at a detection limit of 1.0 and .1 mg/kg, respectively. The laboratory analysis, Quality Assurance/Quality Control data and chain of custody form are attached (CRL I.D. # 826738).

The low OVM readings and the non-detection of TPH and BTX&E in the soil samples indicate that the contaminated soils have been successfully aerated. It is our understanding that you intend to use the aerated soil for backfill on site.

2662 South Grand Avenue • Santa Ana, CA 92705 • (714) 241-1161

The findings of the analysis were verbally transmitted to Mr Blair Burgess of the DPW. Based upon these results, Mr. Burgess has indicated that backfilling of the soil on site and submittal of this report to the DPW, will fulfill the DPW requirements for mitigation of the unauthorized release.

Sincerely,

William Bater IV
Staff Geologist

Reviewed by

Robert S. Austin, RCE 37455
Senior Project Engineer

cc: John Huff, DPW
Pat Desjardines

Enseco

CRL Environmental - South Coast
7440 Lincoln Way ● Garden Grove, CA 92641
(213) 598-0458 ● (714) 898-6370 ● (800) LAB-1-CRL
FAX: (714) 891-5917

September 30, 1988

APPLIED HYDROGEOLOGIC CONSULTANTS
2662 South Grand Avenue
Santa Ana, CA 92705
Attn: Mr. David Lesperance

ANALYSIS NO.: 826738-001/002
ANALYSES: EPA Methods 8015 & 8020
DATE SAMPLED: 09/23/88
DATE SAMPLE REC'D: 09/24/88
PROJECT: Germain (LA57B5A.7)

Enclosed with this letter are the reported data from the chemical and physical analyses requested for the samples submitted. As required, the samples were analyzed by the following test(s):

EPA Method 8015, a GC/FID analysis modified for the analysis of petroleum hydrocarbons.

BTXE, EPA Method 602/8020, Benzene, Toluene, Ethyl Benzene, and Total Xylenes analyzed by GC/PID.

Please note that ND( ) means not detected at the detection limit expressed within the parentheses.

The samples were received by CRL in a chilled state, intact, and with the Chain of Custody Record attached.

The Chain of Custody Record and the QA/QC data are enclosed with this report.

REVIEWED

Jerol Kimble
APPROVED

The Report Cover Letter is an integral part of this report.

This report pertains only to the samples investigated and not necessarily apply to other apparently identical or similar materials. This report is submitted for the exclusive use of the client to whom it is addressed. Any reproduction of this report or use of this Laboratory's name for advertising or publicity purposes without authorization is prohibited.

CRL Environmental - South Coast
7440 Lincoln Way ● Garden Grove, CA 92641
(213) 598-0458 ● (714) 898-6370 ● (800) LAB-1-CRL
FAX: (714) 891-5917

LABORATORY REPORT

APPLIED HYDROGEOLOGIC CONSULTANTS
2662 South Grand Avenue
Santa Ana, CA 92705
Attn: Mr. David Lesperance

ANALYSIS NO.: 826738-001/002
ANALYSES: EPA Methods 8015 & 8020
DATE SAMPLED: 09/23/88
DATE SAMPLE REC'D: 09/24/88
SAMPLE TYPE: Solid
PROJECT: Germain (LA57B5A.7)

QA/QC SUMMARY

Date	Parameter (Method)	Average Spike Recovery%	Acceptable Range%	Relative Percent Difference	Acceptable Range%
09/26/88	Toluene (EPA 8020)	82	40-120	15	40
09/26/88	Ethyl Benzene (EPA 8020)	78	40-130	36	40
09/26/88	Total Volatile Petroleum Hydrocarbons (EPA 8015)	118	70-130	18	40

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(213) 598-0458 ● (714) 898-6370 ● (800) LAB-1-CRL
FAX: (714) 891-5917

Enseco

LABORATORY REPORT

APPLIED HYDROGEOLOGIC CONSULTANTS
2662 South Grand Avenue
Santa Ana, CA 92705
Attn: Mr. David Lesperance

ANALYSIS NO.: 826738-001/002
ANALYSES: EPA Methods 8015 & 8020
DATE SAMPLED: 09/23/88
DATE SAMPLE REC'D: 09/24/88
DATE ANALYZED: 09/26/88
SAMPLE TYPE: Solid
PROJECT: Germain (LA57B5A.7)

	BTX, EPA Method 602/8020 (mg/kg)				TOTAL VOLATILE PETROLEUM HYDROCARBONS EPA METHOD 8015 (mg/kg)
SAMPLE ID	BENZENE	TOLUENE	ETHYL BENZENE	TOTAL XYLENES	
1 Stockpile	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(1.)
2 Stockpile	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(1.)

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CHEMICAL RESEARCH LABORATORIES, INC.
SOUTHERN CALIFORNIA DIVISION
7440 Lincoln Way ● Garden Grove, CA 92641
(714)898-6370 ● FAX: (714)891-5917 ● (800)LAB-1CRL

- ORANGE COUNTY
- VENTURA
- SANTA MARIA
- BAKERSFIELD
- L.A. COUNTY
- MOBILE LAB

CHAIN OF CUSTODY RECORD

Date 9/23/88 Page 1 of 1

CLIENT AHC

ADDRESS 2662 S GRAND AVE
SANTA ANA, CA 92705

PROJECT MANAGER LESPERANCE

PHONE NUMBER (714) 241-1161

PROJECT NAME GERMAIN (LA57B5A.7)

SAMPLERS: (Signature)

SAMPLE NUMBER	LOCATION DESCRIPTION	DATE	TIME	SAMPLE TYPE WATER Comp.	WATER Grab.	AIR	SOLID	NO. OF CNTNRS	TESTS REQUIRED
1	STOCK PILE	9/23/88					SOIL	1	8015 & 8020
2	STOCK PILE	9/23/88					SOIL	1	8015 & 8020

Relinquished by: (Signature) | Received by: (Signature) | Date/Time

Relinquished by: (Signature) | Received by: (Signature) | Date/Time

Relinquished by: (Signature) | Received by Mobile Laboratory for field analysis: (Signature) | Date/Time

CRL will store sample for 30 days at no charge. Storage after 30 days is charged at $10 per month per sample. Disposal of sample is charged at $10 per sample. Please indicate the disposition of your sample.

1. Client retrieved _____ by _____
2. Lab Disposal _____ by _____
3. Store for _____ days. by _____
4. Other _____ by _____

Dispatched by:(Signature) | Date/Time | Received for Laboratory by: Don Bailey | Date/Time 9/24/88 | 2:15 PM

Method of Shipment: CHILLED / BY AHC TRUCK

Special Instructions: GASOLINE - CALL WITH RESULTS

I hereby authorize the performance of the above indicated work.

SOURCE: Adapted from U.S. EPA, 1985

CCR-100

COUNTY OF LOS ANGELES
DEPARTMENT OF PUBLIC WORKS

900 SOUTH FREMONT AVENUE
ALHAMBRA, CALIFORNIA 91803-1331
Telephone: (818) 458-5100

THOMAS A. TIDEMANSON, Director

ADDRESS ALL CORRESPONDENCE TO:
P.O. BOX 1460
ALHAMBRA, CALIFORNIA 91802-1460

February 25, 1988

IN REPLY PLEASE
REFER TO FILE: I-13756-2C

Mr. Gary Germain
11428 Kornblum
Hawthorne, CA 90505

Dear Mr. Germain:

HAZARDOUS MATERIALS UNDERGROUND STORAGE
SITE INVESTIGATION PROPOSAL AND/OR REMEDIAL ACTION PLAN
FACILITY AT: 4210 W. IMPERIAL HWY.

The remedial action plan submitted on January 12, 1988 for the above facility has been reviewed by this office and found adequate. You may proceed with the plan as proposed unless otherwise indicated below.

You are cautioned that any contaminated soils or hazardous materials generated during the approved operation must be manifested and transported to a hazardous waste disposal facility as required by California Health and Safety Code, Division 20, Chapter 6.5, unless evidence is presented indicating that the material may be disposed of at a less restricted facility. Copies of all completed manifests shall be submitted to this office as part of the final report.

[ ] A Hazardous Waste Facility Permit or a Variance from permit requirements must be obtained from the State Department of Health Services and copies submitted to this office before commencing the proposed remedial action.

[x] NOTE A minimum of one composite of 4 samples per 50 cublic yards must be analyzed for the aerated soil. Lab results must be submitted prior to backfilling. Evidence of legal disposal will be required for the soil hauled offsite. A written report containing the required information must be submitted to this office by March 31, 1988.

If you have any questions concerning this matter, please contact Mr. John Huff at (213) 226-4018.

Very truly yours,

T. A. TIDEMANSON
Director of Public Works

By
Waste Management Division

cc: Applied Hydrogeologic Consultants

SI103 Rev. 2/88

COUNTY OF LOS ANGELES

DEPARTMENT OF PUBLIC WORKS

1540 ALCAZAR STREET
LOS ANGELES, CALIFORNIA 90033
Telephone: (213) 226-8111

THOMAS A. TIDEMANSON, Director
WYNN SMITH, Chief Deputy Director
CECIL BUGH, Assistant Director

ADDRESS ALL CORRESPONDENCE TO:
P.O. BOX 4089
LOS ANGELES, CALIFORNIA 90051

February 24, 1988

IN REPLY PLEASE
REFER TO FILE: I-13756-2C

Mr. Gary Germain
11428 Kornblum
Hawthorne, CA 90505

Dear Mr. Germain:

HAZARDOUS MATERIAL UNDERGROUND STORAGE
CLOSURE/SITE ASSESSMENT REPORT
CLOSURE PERMIT NO. 3241B
FACILITY LOCATION: 4210 West Imperial Highway

This office has reviewed the closure report submitted on January 12, 1988, for the subject facility.

In order to better evaluate the report, the information indicated on the attached Additional Closure Requirements sheet must be submitted to this office by March 15, 1988.

If you have any questions regarding this matter, please contact Mr. Ofori Amoah at (213) 226-4014.

Very truly yours,

T. A. TIDEMANSON
Director of Public Works

By _____
Waste Management Division

Enc.

cc: Applied Hydrogeologic Consultants

CL207 3/87

ADDITIONAL CLOSURE REQUIREMENTS

The additional information or requirements checked below must be submitted to the Los Angeles County Department of Public Works, Waste Management Division, P.O. Box 4089, Los Angeles, CA 90051, in order to complete the evaluation of Closure Permit No. 3241B.

[ ] Plot plan to scale showing locations of tanks, sampling points, buildings, adjacent streets and north arrow.

[ ] Insufficient number of samples were obtained. Additional samples required in accordance with attached Closure Permit Requirements.

[ ] Describe method of obtaining, handling, and/or transporting samples.

[ ] Indicate time and date samples were obtained.

[X] Submit logs certified by a CA Registered Geologist, CA Certified Engineering Geologist, or CA Registered Civil Engineer with sufficient experience in soils for all borings.

[ ] Submit chain-of-custody documentation initiated by person obtaining sample through person at DOHS certified laboratory.

[ ] Disposal destination of tanks and evidence of legal disposal.

[ ] Analysis results by a State certified laboratory shall be submitted on laboratory letterhead showing analysis date, methods of extraction and methods of analysis.

[X] Documentation as to depth of groundwater at facility.

[ ] Manifests to document hazardous waste disposal of removed soil.

[ ] Signature on the report is required of CA Registered Geologist, CA Certified Engineering Geologist, or CA Registered Civil Engineer with sufficient experience in soils.

[ ] Define the vertical and lateral extent of contamination.

[ ] Propose a remedial action plan to mitigate contamination.

[X] Other Our involvement in your soil remediation program is for compliance only, but not for supervision; as stated in your letter to AQMD. Please make the necessary corrections to reflect our role in your proposal. A copy of AQMD's letter is required before our final clean-up approval.

CL207 3/87

COUNTY OF LOS ANGELES

DEPARTMENT OF PUBLIC WORKS

1540 ALCAZAR STREET
LOS ANGELES, CALIFORNIA 90033
Telephone: (213) 226-8111

THOMAS A. TIDEMANSON, Director
WYNN SMITH, Chief Deputy Director
CECIL BUGH, Assistant Director

ADDRESS ALL CORRESPONDENCE TO:
P.O. BOX 4089
LOS ANGELES, CALIFORNIA 90051

February 24, 1988

IN REPLY PLEASE
REFER TO FILE: I-13756-2C

Mr. Gary Germain
11428 Kornblum
Hawthorne, CA 90505

Dear Mr. Germain:

HAZARDOUS MATERIAL UNDERGROUND STORAGE
CLOSURE/SITE ASSESSMENT REPORT
CLOSURE PERMIT NO. 3241B
FACILITY LOCATION: 4210 West Imperial Highway

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If you have any questions regarding this matter, please contact Mr. Ofori Amoah at (213) 226-4014.

Very truly yours,

T. A. TIDEMANSON
Director of Public Works

By _____
Waste Management Division

Enc.

cc: Applied Hydrogeologic Consultants

CL207 3/87

ADDITIONAL CLOSURE REQUIREMENTS

The additional information or requirements checked below must be submitted to the Los Angeles County Department of Public Works, Waste Management Division, P.O. Box 4089, Los Angeles, CA 90051, in order to complete the evaluation of Closure Permit No. 3241B.

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CL207 3/87

COUNTY OF LOS ANGELES

DEPARTMENT OF PUBLIC WORKS

1540 ALCAZAR STREET
LOS ANGELES, CALIFORNIA 90033
Telephone: (213) 226-8111

THOMAS A. TIDEMANSON, Director
WYNN SMITH, Chief Deputy Director
CECIL BUGH, Assistant Director

ADDRESS ALL CORRESPONDENCE TO:
P.O. BOX 4089
LOS ANGELES, CALIFORNIA 90051

IN REPLY PLEASE
REFER TO FILE: I-13756-2C

February 24, 1988

Mr. Gary Germain
11428 Kornblum
Hawthorne, CA 90505

Dear Mr. Germain:

HAZARDOUS MATERIAL UNDERGROUND STORAGE
CLOSURE/SITE ASSESSMENT REPORT
CLOSURE PERMIT NO. 3241B
FACILITY LOCATION: 4210 West Imperial Highway

This office has reviewed the closure report submitted on January 12, 1988, for the subject facility.

In order to better evaluate the report, the information indicated on the attached Additional Closure Requirements sheet must be submitted to this office by March 15, 1988.

If you have any questions regarding this matter, please contact Mr. Ofori Amoah at (213) 226-4014.

Very truly yours,

T. A. TIDEMANSON
Director of Public Works

By
Waste Management Division

Enc.

cc: Applied Hydrogeologic Consultants

CL207 3/87

ADDITIONAL CLOSURE REQUIREMENTS

The additional information or requirements checked below must be submitted to the Los Angeles County Department of Public Works, Waste Management Division, P.O. Box 4089, Los Angeles, CA 90051, in order to complete the evaluation of Closure Permit No. 3241B.

[ ] Plot plan to scale showing locations of tanks, sampling points, buildings, adjacent streets and north arrow.

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CL207 3/87

COUNTY OF LOS ANGELES
DEPARTMENT OF PUBLIC WORKS

1540 ALCAZAR STREET
LOS ANGELES, CALIFORNIA 90033
Telephone: (213) 226-8111

THOMAS A. TIDEMANSON, Director
WYNN SMITH, Chief Deputy Director
CECIL BUGH, Assistant Director

ADDRESS ALL CORRESPONDENCE TO:
P.O. BOX 4089
LOS ANGELES, CALIFORNIA 90051

February 5, 1988

IN REPLY PLEASE
REFER TO FILE:
I-13756-2C

Mr. Gary Germain
11428 Kornblum
Hawthorne, CA 90505

Dear Mr. Germain:

HAZARDOUS MATERIAL UNDERGROUND STORAGE
CLOSURE/SITE ASSESSMENT REPORT
CLOSURE PERMIT NO. 3241B
FACILITY LOCATION: 4210 West Imperial Highway

This office has reviewed the closure report submitted on January 12, 1988, for the subject facility.

In order to better evaluate the report, the information indicated on the attached Additional Closure Requirements sheet must be submitted to this office by February 29, 1988.

If you have any questions regarding this matter, please contact Mr. Ofori Amoah at (213) 226-4014.

Very truly yours,

T. A. TIDEMANSDN
Director of Public Works

By _____
Waste Management Division

Enc.

cc: Applied Hydrogeologic Consultants

CL207 3/87

ADDITIONAL CLOSURE REQUIREMENTS

The additional information or requirements checked below must be submitted to the Los Angeles County Department of Public Works, Waste Management Division, P.O. Box 4089, Los Angeles, CA 9DD51, in order to complete the evaluation of Closure Permit No. 3241B.

[ ] Plot plan to scale showing locations of tanks, sampling points, buildings, adjacent streets and north arrow.

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CL207 3/87

COUNTY OF LOS ANGELES

DEPARTMENT OF PUBLIC WORKS

900 SOUTH FREMONT AVENUE
ALHAMBRA, CALIFORNIA 91803-1331
Telephone: (818) 458-5100

THOMAS A. TIDEMANSON, Director

ADDRESS ALL CORRESPONDENCE TO:
P.O. BOX 1460
ALHAMBRA, CALIFORNIA 91802-1460

February 3, 1988

IN REPLY PLEASE
REFER TO FILE: I-13756-2C

THIS IS IN RESPONSE
TO LETTER # 704556

Gary Germaiu/S & W Towing
11428 Kornblum
Hawthorne, CA 90505

HAZARDOUS MATERIAL UNDERGROUND STORAGE
CLOSURE/SITE ASSESSMENT REPORT
CLOSURE PERMIT NO. 3241B
FACILITY LOCATION: 4120 W. IMPERIAL HIGHWAY, HAWTHORNE

This office has reviewed the closure report submitted on December 2, 1987, for the subject facility.

In order to better evaluate the report, the information indicated on the attached Additional Closure Requirements sheet must be submitted to this office by March 2, 1988.

If you have any questions regarding this matter, please contact Mr. John Huff at (213) 226- 4018.

Very truly yours,

T. A. TIDEMANSON
Director of Public Works

By _____
Waste Management Division

Enc.

cc: Consultant

CL207 3/88

ADDITIONAL CLOSURE REQUIREMENTS

The additional information or requirements checked below must be submitted to the Los Angeles County Department of Public Works, Waste Management Division, P.O. Box 4089, Los Angeles, CA 90051, in order to complete the evaluation of Closure Permit No. 3241B.

[ ] Plot plan to scale showing locations of tanks, sampling points, buildings, adjacent streets and north arrow.

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[X] Define the vertical and lateral extent of contamination.

[X] Propose a remedial action plan to mitigate contamination.

[ ] Other _____

_____

_____

CL207 3/87

COUNTY OF LOS ANGELES
DEPARTMENT OF PUBLIC WORKS

900 SOUTH FREMONT AVENUE
ALHAMBRA, CALIFORNIA 91803-1331
Telephone: (818) 458-5100

THOMAS A. TIDEMANSON, Director

ADDRESS ALL CORRESPONDENCE TO:
P.O. BOX 1460
ALHAMBRA, CALIFORNIA 91802-1460

February 3, 1988

IN REPLY PLEASE
REFER TO FILE: I-13756-2C

Gary Germain/S & W Towing
11428 Kornblum
Hawthorne, CA 90505

HAZARDOUS MATERIAL UNDERGROUND STORAGE
CLOSURE/SITE ASSESSMENT REPORT
CLOSURE PERMIT NO. 3241B
FACILITY LOCATION: 4120 W. IMPERIAL HIGHWAY, HAWTHORNE

This office has reviewed the closure report submitted on December 2, 1987, for the subject facility.

In order to better evaluate the report, the information indicated on the attached Additional Closure Requirements sheet must be submitted to this office by March 2, 1988.

If you have any questions regarding this matter, please contact Mr. John Huff at (213) 226-4018.

Very truly yours,

T. A. TIDEMANSON
Director of Public Works

By _____
Waste Management Division

Enc.

cc: Consultant

CL207 3/88

Returned

ADDITIONAL CLOSURE REQUIREMENTS

The additional information or requirements checked below must be submitted to the Los Angeles County Department of Public Works, Waste Management Division, P.O. Box 4089, Los Angeles, CA 90051, in order to complete the evaluation of Closure Permit No. 3241B.

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[X] Define the vertical and lateral extent of contamination.

[X] Propose a remedial action plan to mitigate contamination.

[ ] Other _____

_____

_____

CL207 3/87

I-13756-2C

LOS ANGELES COUNTY DEPARTMENT OF PUBLIC WORKS
COMPLAINT REPORT

Caller Sheila Fooshee Date 12-02-87

Company Applied Hydrogeolii Cons. Time

Telephone (714) 241 1161 Assigned To B²

NATURE OF COMPLAINT

Spill ____ Tank Leak X Illegal Dumping ____ Sewer Stoppage ____

Other

Company ABANDONED GAS STATION - owner GARY GERMAIN of S & W Towing

Location/Address 4120 W. Imperial Hwy Hawthorne

Contact GARY GERMAIN/S & W Towing 14128 Doreenbush Hawthorne 90250 Telephone (213) 644-8636

Chemical/Material GASOLINE - LEADED

Date of Occurrence UNKNOWN Action Taken - REMOVED TANKS Oct 15th

- 2 excavations (1 N.D.) 2ND - contam - 8015 - 2100 ppm, 1200 ppm

Org. Lead .49 ppm / 1.9 ppm. / Determined extent by hand auger -

38-0001 DPW 1/86

Cleaned up from 15' to 19' (N.D.) Excavate & aerate on site / confirm by sample 8015

I-13756-2C

LOS ANGELES COUNTY DEPARTMENT OF PUBLIC WORKS
COMPLAINT REPORT

Caller Sheila Fooshee Date 12-02-87

Company Applied Hydrogeolii Cons. Time

Telephone (714) 241 1161 Assigned To B²

NATURE OF COMPLAINT

Spill ____ Tank Leak X Illegal Dumping ____ Sewer Stoppage ____

Other

Company ABANDONED GAS STATION - owner GARY GERMAN of STW Towing

Location/Address 4120 W. Imperial Hwy Hawthorne

Contact GARY GERMAN/STW Towing 14128 Doenblum Hawthorne 90250 Telephone (213) 644-8636

Chemical/Material GASOLINE - LEADED

Date of Occurrence UNKNOWN Action Taken - Removed TANKS Oct 15 M

- 2 excavations (1 N.D) 2ND - contam - 8015 - 2100 ppm, 1200 ppm

Org. Lead .49 ppm / 1.9 ppm / Determined extent by hand auger -

58-0001 DPW 1/86

Cleaned up from 15' to 19' (N.D.) Excavate & aerate on site/confirm by sample 8015

Post-it™ brand fax transmittal memo 7671 | # of pages ▸ 2

To John Arujo	From Edward Calleros
Co. USTP	Co. Waste Mgmt
Dept.	Phone # (310) 719-5650
Fax # (818) 453-3569	Fax # (310) 612-6791

JUL 06 '92 13:15 (213)672-6791

P.1/2

COUNTY OF LOS ANGELES
DEPARTMENT OF PUBLIC WORKS

Waste Management Division

INSPECTOR'S REPORT

TO: Mr. John Huff DATE: Feb. 18, 1988

FROM: Robert Hartley FILE: F-13756-2C

INDUSTRY: Abandoned gas station
4120 W. Imperial Hwy; Hawthorne

REPORT:

Subject: Complaint Verification of underground tanks

Reference: Complaint Report dated 12-02-87

On Feb. 18, 1988 I inspected the above site. It was surrounded by a chain link fence. I saw evidence of excavations that were filled in with soil. I saw mounds of Earth on property but no evidence of discolored soil. The building on property are still in existence. All observations were made from the public sidewalk.

I-13756-2C

LOS ANGELES COUNTY DEPARTMENT OF PUBLIC WORKS
COMPLAINT REPORT

Caller Sheila Fooshee Date 12-02-87

Company Applied hydrogeolic Cons. Time

Telephone (714) 241 1161 Assigned To B²

NATURE OF COMPLAINT

Spill ____ Tank Leak X Illegal Dumping ____ Sewer Stoppage ____

Other

Company ABANDONED GAS STATION - owner GARY GERMAIN of S & W Towing

Location/Address 4120 W. Imperial Hwy Hawthorne

Contact GARY GERMAIN/S & W Towing 14128 Borenblum Hawthorne 90250 Telephone (213) 644-8636

Chemical/Material GASOLINE - LEADED

Date of Occurrence UNKNOWN Action Taken - REMOVED TANKS Oct 15 TH

- 2 excavations (1 N.D.) 2ND - contam - 8015 - 2100 ppm, 1200 ppm

Org. Lead .49 ppm / 1.9 ppm. / Determined extnt by hand auger -

58-0001 DPW 1/86

Cleaned up from 15' to 19' (N.D.) Excavate & aerate on site / confirm by sample 8015

I-13756 Wastewat

704538 WL

APPLIED HYDROGEOLOGIC consultants

9 November 1987
(AHC LA 57B5.7)

RECEIVED
DEC 1 1987
DEPARTMENT OF PUBLIC WORKS
ENGINEERING DIVISION

860.43

Mr. Gary Germain
11428 Kornblum
Hawthorne, CA 90505

Subject: Buried Tank Soil Sample Analysis - 4120 W. Imperial Highway, Hawthorne, CA.

4210

FN13756

Dear Mr. Germain:

In accordance with the request of Pat Desjardines of Dejar Construction we have obtained soil samples from below the buried gasoline tank excavations at 4120 W. Imperial Highway, Hawthorne, California. It is our understanding that the tanks contained leaded gasoline in the past.

The site is located in a relatively level, commercial and residential area (see attached site location map, Inglewood 7.5 minute Quadrangle, USGS). The estimated depth to ground water is approximately 95 feet, "Coastal Plain, Deep Aquifer Map", County of Los Angeles, Department of Public Works, Fall 1986.

Six steel gasoline storage tanks were removed from two separate excavation at the site on 15 October 1987. Two 10,000 gallon tanks were removed from the western tank excavation (Tanks 1 and 2; Figure 1). One 3,000 gallon (Tank 3) and three 1,000 gallon tanks (Tanks 4, 5, and 6) were removed from the eastern tank excavation. All tanks were intact with no visible holes. Some rusted areas were visible in the lower portion of all the tanks. The tanks were transported to American Metals Reycling (AMR) in Fontana. A copy of the disposal receipt is attached.

Two soil samples were obtained from two feet below the bottom of each tank on 15 October 1987 (Samples 1 through 12; Figure 1). These samples were collected from beneath the ports at each end of the tank. The samples were placed in teflon capped glass jars, chilled, and transported to Chemical Research Laboratory (CRL) for analysis. The samples were analyzed for total petroleum hydrocarbons (TPH) in accordance with EPA method 8015 (modified for fuels) and organic lead in accordance with CAL DOHS.

The results of the laboratory analysis are summarized in Table 1. The laboratory analysis, Quality Assurance/Quality Control data and chain of custody are attached (CRL I.D. # 728916).

Total petroleum hydrocarbons (TPH) and organic lead were not detected in samples 1 through 4 and samples 8 through 12. TPH were not detected to 1 mg/kg and organic lead was not detected to .1 mg/kg for these samples.

2662 South Grand Avenue • Santa Ana, CA 92705 • (714) 241-1161

TPH and organic lead were found in samples 5, 6, and 7. The levels of TPH in samples 5 and 6 are above the recommended State action level for TPH (100 ppm).

The high levels of TPH found in sample 5 and 6 relative to the recommended state action level indicate that further site assessment and mitigation will be required by the Department of Public Works for the western tank excavation.

The opportunity to prepare this report is greatly appreciated. Please contact our office if you have any questions.

Sincerely,

Sheila M. Fooshee

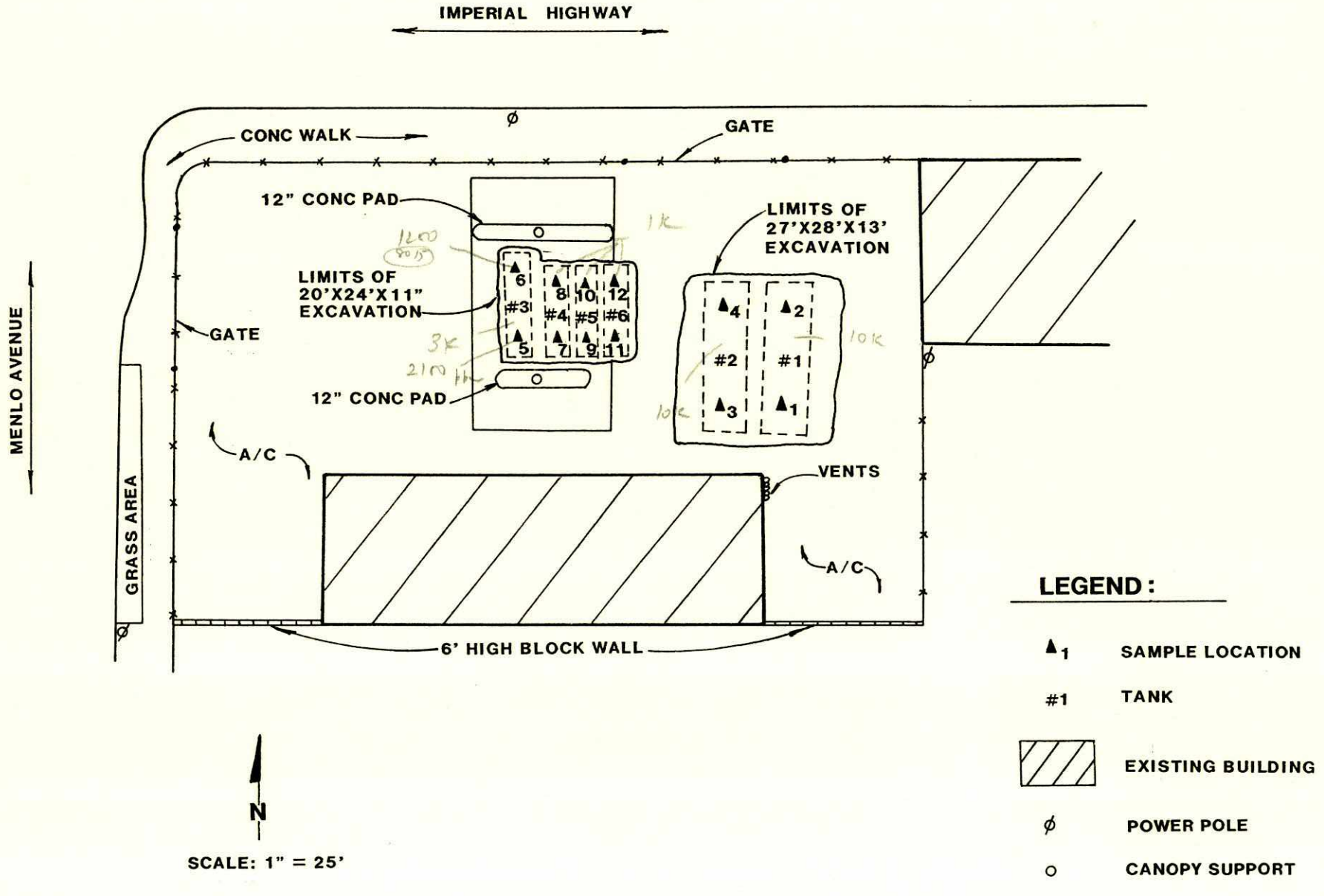
Sheila M. Fooshee
Staff Geologist

Reviewed by,

Robert S. Austin, RCE 37455
Project Engineer

Enclosures - 9

cc: DPW
Dejarsdines



APPLIED HYDROGEOLOGIC consultants	BURIED TANK REMOVAL 4120 W. IMPERIAL HIGHWAY HAWTHORNE, CALIFORNIA	PROJECT NO. LA 57B5.7

AMERICAN FUEL TANK METAL RECYCLING, INC.

2202 South Milliken Avenue
Ontario, CA 91761
(714) 947-2888

No. 00396

TANK DISPOSAL FORM

Date: Oct. 15 ,1987
Job #
P.O. #

CONTRACTOR: Dejar Construction
ADDRESS: P.O. Box 4781, Whittier, CA 90607
JOB SITE: Gary Germain
ADDRESS: 4210 E. Imperial Hwy, Hawthorne, CA
DESTINATION: A.M.R. 2202 S. Milliken Ave., Ontario, CA 91761

DATE	TIME	PROJECTED TANKS	ORDERED BY:	LIC. NO.
	4:00 pm			

SPECIAL INSTRUCTIONS: Two Trucks

COMMODITY (SPECIFY)

✓	Services Rendered	Cost
___	Disposal Fee	100.00
___	Extensive Loading Time	150.00
___	Disposal Fee with Permit	250.00
___	Fiberglass Tank Disposal Fee Per Tank	200.00
___	Cancellation Fee	250.00
✓	Other Specify Drop-Off	

TOTAL CHARGES $ -0-

All fees incurred are per load unless specified. Terms are net 30 days from date of invoice.

TANKS RECEIVED

QTY.	GALLONS	TYPE F*	TYPE S*	NET TONS	TOTAL
	280	☐	☐	.15	
	500	☐	☐	.22	
	550	☐	☐	.25	
1	1000 - 12ft.	☐	☒	.46	.46
	1000 - 6ft.	☐	☐	.63	
	1500	☐	☐	.90	
	2000	☐	☐	1.00	
	2500	☐	☐	1.18	
1	3000	☐	☒	1.36	1.36
	4000	☐	☐	1.70	
	5000	☐	☐	2.50	
	6000	☐	☐	2.92	
	7500	☐	☐	3.36	
2	8000	☐	☒	3.55	7.10
	9000	☐	☐	3.94	
	10000	☐	☐	4.47	

NO. OF TANKS 4 TOTAL NET TONS 8.92

*F = FIBERGLASS *S = STEEL 105

CERTIFICATE OF TANK DISPOSAL/DESTRUCTION

THIS IS TO CERTIFY THE RECEIPT AND ACCEPTANCE OF THE TANK(S) AS SPECIFIED ABOVE. ALL MATERIALS SPECIFIED HAVE BEEN COMPLETELY DESTROYED FOR SCRAP PURPOSES ONLY.

K. Barbour
AUTHORIZED REP.

GENERATOR COPY

10-15-87
DATE

AMERICAN FUEL TANK METAL RECYCLING, INC.

2202 South Milliken Avenue
Ontario, CA 91761
(714) 947-2888

No. 00452

TANK DISPOSAL FORM

Date: 10-19 ,1987
Job #
P.O. #

CONTRACTOR: Dejar Construction
ADDRESS: P.O. Box 4781, Whittier, CA 90607
JOB SITE: Gary Germain
ADDRESS: 4210 E. Imperial Hwy., Hawthorne, CA
DESTINATION: A.M.R. 2202 S. Milliken Ave., Ontario, CA 91761

DATE	TIME	PROJECTED TANKS	ORDERED BY:	LIC. NO.

SPECIAL INSTRUCTIONS: _____

COMMODITY (SPECIFY)

✓	Services Rendered	Cost
___	Disposal Fee	100.00
___	Extensive Loading Time	150.00
___	Disposal Fee with Permit	250.00
___	Fiberglass Tank Disposal Fee Per Tank	200.00
___	Cancellation Fee	250.00
✓	Other Specify Drop-Off	
	TOTAL CHARGES	$ 0

All fees incurred are per load unless specified. Terms are net 30 days from date of invoice.

TANKS RECEIVED

QTY.	GALLONS	TYPE F*	TYPE S*	NET TONS	TOTAL
	280	☐	☐	.15	
	500	☐	☐	.22	
	550	☐	☐	.25	
	1000 - 12ft.	☐	☐	.46	
	1000 - 6ft.	☐	☐	.63	
	1500	☐	☐	.90	
2	2000	☐	☑	1.00	2.0
	2500	☐	☐	1.18	
	3000	☐	☐	1.36	
	4000	☐	☐	1.70	
	5000	☐	☐	2.50	
	6000	☐	☐	2.92	
	7500	☐	☐	3.36	
	8000	☐	☐	3.55	
	9000	☐	☐	3.94	
	10000	☐	☐	4.47	

NO. OF TANKS: 2 TOTAL NET TONS: 2.0

*F = FIBERGLASS *S = STEEL 105

CERTIFICATE OF TANK DISPOSAL/DESTRUCTION

THIS IS TO CERTIFY THE RECEIPT AND ACCEPTANCE OF THE TANK(S) AS SPECIFIED ABOVE. ALL MATERIALS SPECIFIED HAVE BEEN COMPLETELY DESTROYED FOR SCRAP PURPOSES ONLY.

K. Barbour — AUTHORIZED REP.

GENERATOR COPY

10-19-87 — DATE

TABLE 1
SOIL SAMPLE ANALYSIS

Sample	EPA METHOD 8015 (TPH*)	Organic Lead*
1 thru 4	N/D	N/D
5	2100	0.49
6	1200	1.90
7	15	N/D
8 thru 12	N/D	N/D

* N/D at 1 mg/kg (ppm) for TPH and .1 mg/kg for Organic Lead

Chemical Research Laboratories, Inc.
SOUTHERN CALIFORNIA DIVISION
7440 Lincoln Way • Garden Grove, CA 92641
(714) 898-6370 • FAX: (714) 891-5917 • (800) LAB-1CRL

November 2, 1987

APPLIED HYDROGEOLOGIC CONSULTANTS
1516 EAST EDINGER STE A
SANTA ANA, CA 92705
ATTN: MR. DAVID LESPERANCE

ANALYSIS NO.: 728916-001/012
ANALYSES: EPA METHOD 8015/ORG. LEAD
DATE SAMPLED: 10/15/87
DATE SAMPLE REC'D: 10/16/87
PROJECT: DEJAR/GERMAIN

Enclosed with this letter is the report on the chemical and physical analyses on the samples from ANALYSIS NO: 728916-001/012 shown above.

The samples were received by CRL in a chilled state, intact, and with the chain-of-custody record attached.

Please note that ND( ) means not detected at the detection limit expressed within the parentheses.

REVIEWED AND APPROVED

11/3/87
DATE

This report pertains only to the samples investigated and does not necessarily apply to other apparently identical or similar materials. This report is submitted for the exclusive use of the client to whom it is addressed. Any reproduction of this report or use of this Laboratory's name for advertising or publicity purposes without authorization is prohibited.

Chemical Research Laboratories, Inc.
SOUTHERN CALIFORNIA DIVISION
7440 Lincoln Way • Garden Grove, CA 92641
(714) 898-6370 • FAX: (714) 891-5917 • (800) LAB-1CRL

LABORATORY REPORT

APPLIED HYDROGEOLOGIC CONSULTANTS
1516 EAST EDINGER STE A
SANTA ANA, CA 92705
ATTN: MR. DAVID LESPERANCE

ANALYSIS NO.: 728916-001/012
ANALYSES: EPA METHOD 8015/ORG. LEAD
DATE SAMPLED: 10/15/87
DATE SAMPLE REC'D: 10/16/87
DATE ANALYZED: 10/19/87
SAMPLE TYPE: SOIL
PROJECT: DEJAR/GERMAIN

SAMPLE IDENTIFICATION	TOTAL PETROLEUM HYDROCARBON EPA METHOD 8015 [mg/kg]	ORGANIC LEAD [mg/kg]
SAMPLE #1 TANK #1	ND(1)	ND(0.1)
SAMPLE #2 TANK #1	ND(1)	ND(0.1)
SAMPLE #3 TANK #2	ND(1)	ND(0.1)
SAMPLE #4 TANK #2	ND(1)	ND(0.1)
SAMPLE #5 TANK #3	2,100	0.49
SAMPLE #6 TANK #3	1,200	1.9
SAMPLE #7 TANK #4	15	ND(0.1)
SAMPLE #8 TANK #4	ND(1)	ND(0.1)
SAMPLE #9 TANK #5	ND(1)	ND(0.1)
SAMPLE #10 TANK #5	ND(1)	ND(0.1)
SAMPLE #11 TANK #6	ND(1)	ND(0.1)
SAMPLE #12 TANK #6	ND(1)	ND(0.1)

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Chemical Research Laboratories, Inc.
SOUTHERN CALIFORNIA DIVISION
7440 Lincoln Way • Garden Grove, CA 92641
(714) 898-6370 • FAX: (714) 891-5917 • (800) LAB-1CRL

QA/QC SUMMARY

APPLIED HYDROGEOLOGIC CONSULTANTS
1516 EAST EDINGER STE A
SANTA ANA, CA 92705
ATTN: MR. DAVID LESPERANCE

ANALYSIS NO.: 728916-001/012
ANALYSES: QA/QC SUMMARY
DATE SAMPLED: 10/15/87
DATE SAMPLE REC'D: 10/16/87
PROJECT: DEJAR/GERMAIN

QA/QC SUMMARY

Date	Parameter(method)	Average Matrix Spike Recovery	Acceptable Range	Duplicate RPD*	Acceptable Range
10/19/87	Gasoline (EPA 8015)	91	70-130	5	40
10/20/87	Organic Lead (DOHS)	95	60-120	0	20

This report pertains only to the samples investigated and does not necessarily apply to other apparently identical or similar materials. This report is submitted for the exclusive use of the client to whom it is addressed. Any reproduction of this report or use of this Laboratory's name for advertising or publicity purposes without authorization is prohibited.

CHEMICAL RESEARCH LABORATORIES, INC.

11631 SEABOARD CIRCLE, STANTON, CA 90680
TEL. NOS.: (714) 898-6370 (213) 598-0458

- ORANGE COUNTY
- VENTURA
- SANTA MARIA
- BAKERSFIELD
- L.A. COUNTY

CHAIN OF CUSTODY RECORD

Date 10/15/87 Page 1 of 2

CLIENT A.H.C

ADDRESS 1516 EAST EDINGER, SUITE A
SANTA ANA, CA 92705

PROJECT MANAGER
ATTN: DAVID LESPERANCE

PHONE NUMBER
(714) 835-7818

PROJECT NAME
DEJAR/GERMAIN

SAMPLERS: (Signature)
David Lesperance

SAMPLE NUMBER	LOCATION DESCRIPTION	DATE	TIME	SAMPLE TYPE WATER Comp.	WATER Grab.	AIR	SOLID	NO. OF CNTNRS	TESTS REQUIRED
1	TANK #1	10/15/87					SOIL	1	8015, 8020
2	TANK #1							1	
3	TANK #2							1	
4	"							1	
5	TANK #3							1	
6	"							1	
7	TANK #4							1	

Relinquished by: (Signature) David Lesperance — Received by: (Signature) — Date/Time 10/15/87

Relinquished by: (Signature) — Received by: (Signature) — Date/Time 10/16/87

Relinquished by: (Signature) — Received by Mobile Laboratory for field analysis: (Signature) — Date/Time

Dispatched by: (Signature) — Date/Time — Received for Laboratory by: — Date/Time 10/16/87

Method of Shipment:
Chilled / By AHC TRUCK

Special Instructions:
Verbal results NO LATER THAN Friday!
per Mike King

SOURCE: Adapted from U.S. EPA, 1985

CHEMICAL RESEARCH LABORATORIES, INC.

11631 SEABOARD CIRCLE, STANTON, CA 90680
TEL. NOS.: (714) 898-6370 (213) 598-0458

- ORANGE COUNTY
- VENTURA
- SANTA MARIA
- BAKERSFIELD
- L.A. COUNTY

CHAIN OF CUSTODY RECORD

Date 10/15/87 Page 2 of 2

CLIENT A.H.C.

ADDRESS 1516 EAST EDINGER, SUITE A
SANTA ANA, CA 92705

PROJECT MANAGER
ATTN: DAVID LESPERANCE

PHONE NUMBER
(714) 835-7818

PROJECT NAME
DEJAR/GERMAIN

SAMPLERS: (Signature)
David Lesperance

SAMPLE NUMBER	LOCATION DESCRIPTION	DATE	TIME	SAMPLE TYPE WATER Comp.	WATER Grab.	AIR	SOLID	NO. OF CNTNRS	TESTS REQUIRED
8	Tank #4	10/15/87					SOIL	1	8015 8020
9	Tank #5							1	
10	"							1	
11	Tank #6							1	
12	"							1	

Relinquished by: (Signature) David Lesperance — Received by: (Signature) — Date/Time 10/15/87

Relinquished by: (Signature) — Received by: (Signature) — Date/Time 10/16/87

Relinquished by: (Signature) — Received by Mobile Laboratory for field analysis: (Signature) — Date/Time

Dispatched by: (Signature) — Date/Time — Received for Laboratory by: — Date/Time 10/16/87

Method of Shipment:
CHILLED/BY AHC TRUCK

Special Instructions:

SOURCE: Adapted from U.S. EPA, 1985

The Bank of California

1615

File # 13756 NEWPORT BEACH OFFICE—1401 DOVE ST., NEWPORT BEACH, CA 92660

Permit # 92962

8/5 19 92 16-105/1220

Pay to the order of LA CO DPW $ 264 00

TWO HUNDRED SIXTY FOUR AND 00/100 dollars

RANDOLPH BRUMMETT
LIC. S0821777 PH. 714-548-8613
241 MESA DR.
COSTA MESA, CA 92627

Randy Brummett

⑈122001055⑆615⑈208⑈4243866⑈

COUNTY OF LOS ANGELES
DEPARTMENT OF PUBLIC WORKS

900 SOUTH FREMONT AVENUE
ALHAMBRA, CALIFORNIA 91803-1331
Telephone: (818) 458-5100

THOMAS A. TIDEMANSON, Director

ADDRESS ALL CORRESPONDENCE TO:
P.O. BOX 1460
ALHAMBRA, CALIFORNIA 91802-1460

october 3, 1989

IN REPLY PLEASE REFER TO FILE

I-13756-2C

Mr. Gary Germain
11428 Kornblum
Hawthorne, CA 90505

HAZARDOUS MATERIAL UNDERGROUND STORAGE
CLOSURE/SITE ASSESSMENT REPORT
CLOSURE PERMIT NO. 3241B
FACILITY LOCATION: 4210 W. Imperial Hwy

This office has reviewed the closure report submitted on Feburary 27, 1989 **for the subject facility.**

In order to better evaluate the report, the information indicated on the attached Additional Closure Requirements sheet must be submitted to this office by October 27, 1989.

If you have any questions regarding this matter, please contact Mr. Jeff Chow **at (818) 458-** 3517.

Very truly yours,

T. A. TIDEMANSON
Director of Public Works

By _____
Waste Management Division

Enc.

cc: A H C

CL207 Rev. 3/88

ADDITIONAL CLOSURE REQUIREMENTS

The additional information or requirements checked below must be submitted to the Los Angeles County Department of Public Works, Waste Management Division, P.O. Box 1460, Alhambra, CA 91802-1460, in order to complete the evaluation of Closure Permit No. 3241B.

[ ] Plot plan to scale showing locations of tanks, sampling points, buildings, adjacent streets and north arrow.

[ ] Insufficient number of samples were obtained. Additional samples required in accordance with attached Closure Permit Requirements.

[ ] Describe method of obtaining, handling, and/or transporting samples.

[ ] Indicate time and date samples were obtained.

[ ] Submit logs certified by a CA Registered Geologist, CA Certified Engineering Geologist, or CA Registered Civil Engineer with sufficient experience in soils for all borings.

[ ] Submit chain-of-custody documentation initiated by person obtaining sample through person at DOHS certified laboratory.

[ ] Disposal destination of tanks and evidence of legal disposal.

[ ] Analysis results by a State certified laboratory shall be submitted on laboratory letterhead showing analysis date, methods of extraction and methods of analysis.

[ ] Documentation as to depth of groundwater at facility.

[x] Manifests to document hazardous waste disposal of removed soil.

[ ] Evidence of legal disposal of soils designated as nonhazardous.

[ ] Signature on the report is required of CA Registered Geologist, CA Certified Engineering Geologist, or CA Registered Civil Engineer with sufficient experience in soils.

[ ] Define the vertical and lateral extent of contamination.

[ ] Propose a remedial action plan to mitigate contamination.

[ ] Proposed future uses or improvements for the area related to the contamination.

[x] Other Please complete the enclosed forms and applications for the other two tanks and submit with the fee of $ 179.00.

CL207 Rev. 3/88

13410-13756

FAX

9/23/2004 5:26pm

To: Sergio
Company:
Phone:
Fax: 16264583569

From: Randy Brummett
Company: Brummett & Associates
Phone: 19496316560
Fax: 19496314550

Number of pages sent: 2
Message: Pls review this grant deed to make change from 4210 to 4120 west Imperial hwy. Let me know if you need any additinal info
thx, randy

C 42 9318

NOV- 2-92 MON 12:11 S&N ZONING and STORAGE C P.02

RECORDING REQUESTED BY

GARY GERHAIN
10736 INGLEWOOD AVENUE
LENNOX, CALIFORNIA

BK 4383 PG 601

RECORDED IN OFFICIAL RECORDS OF LOS ANGELES COUNTY, CALIF. FOR TITLE INSURANCE & TRUST CO.
MAY 28 1969 AT 8 A.M.
RAY E. LEE, Registrar-Recorder

SPACE ABOVE THIS LINE FOR RECORDER'S USE

FEE $2 E

MAIL TAX STATEMENTS TO
SAME AS ABOVE

DOCUMENTARY TRANSFER TAX $ 3.30

Trust Company
SIGNED - PARTY OR AGENT FIRM NAME
As instructed by EDWARD LEVERGE

Grant Deed

APN# I.R.S. # ..... ABOVE

TG 406 C (3-67). THIS FORM FURNISHED BY TITLE INSURANCE AND TRUST COMPANY

FOR A VALUABLE CONSIDERATION, receipt of which is hereby acknowledged,

ANTHONY T. PEROTTI and RUTH T. PEROTTI, husband and wife, as joint tenants

hereby GRANT(S) to an undivided 60% interest to GARY GERMAIN, a married man and an undivided 40% interest to PAUL THOMAS WARD, an unmarried man

the following described real property in the CITY OF HAWTHORNE
County of Los Angeles, State of California:

Lots 241 and 242 Fairfax Park, in the City of Hawthorne, in the County of Los Angeles, State of California, as per map recorded in Book 20 Pages 138 and 139 of Maps, in the office of the county Recorder of said county.

Dated February 17, 1969

Anthony T Perotti
ANTHONY T. PEROTTI

RUTH T. PEROTTI

STATE OF CALIFORNIA }
COUNTY OF LOS ANGELES } ss.

On February 17, 1969 before me, the undersigned, a Notary Public in and for said State, personally appeared Anthony T. Perotti and Ruth T. Perotti

known to me to be the person whose name subscribed to the within instrument and acknowledged that they executed the same.

WITNESS my hand and official seal.

Signature Edward A. LeVergue, Jr.
Name (Typed or Printed)

OFFICIAL SEAL
EDWARD A. LeVERGUE, JR.
NOTARY PUBLIC - CALIFORNIA
PRINCIPAL OFFICE IN
LOS ANGELES COUNTY

Title Order No. 6908742 Escrow or Loan No.

MAIL TAX STATEMENTS AS DIRECTED ABOVE

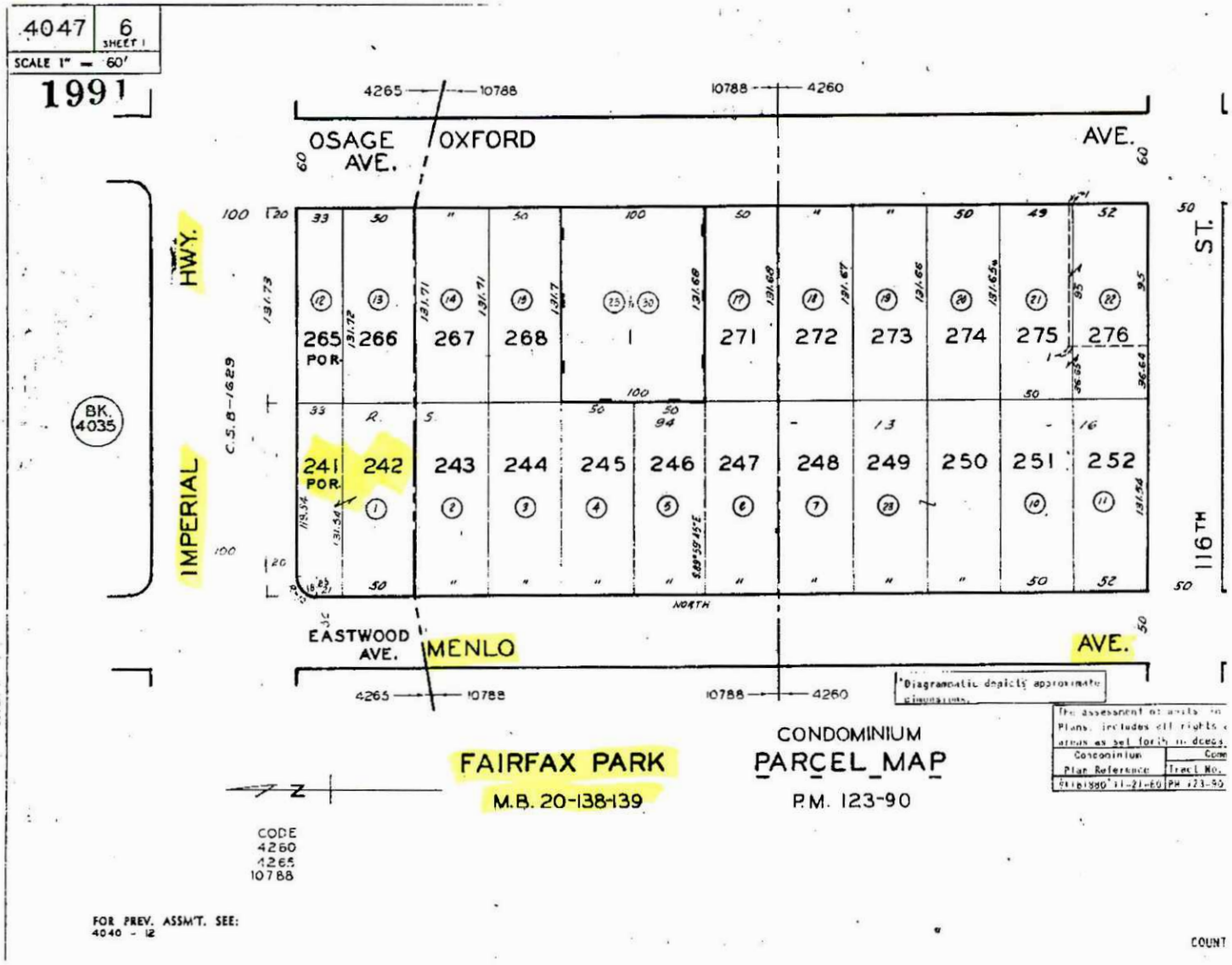
C 429318

Next >>

View Enlarged Map

View Printing Instructions

County of Los Angeles: Rick Auerbach, Assessor



COUNTY OF LOS ANGELES

DEPARTMENT OF PUBLIC WORKS

"To Enrich Lives Through Effective and Caring Service"

900 SOUTH FREMONT AVENUE
ALHAMBRA, CALIFORNIA 91803-1331
Telephone: (626) 458-5100
www.ladpw.org

ADDRESS ALL CORRESPONDENCE TO
P.O. BOX 1460
ALHAMBRA, CALIFORNIA 91802-1460

February 15, 2005

IN REPLY PLEASE
REFER TO FILE. EP-1
013410-013756

Mr. Gary Germain
14128 Kornblum Avenue
Hawthorne, CA 90505

Dear Mr. Germain:

HAZARDOUS MATERIALS UNDERGROUND STORAGE
NOTIFICATION OF CORRECT ADDRESS
CLOSURE PERMIT NUMBER: 3241B & 9296B
FACILITY LOCATION: 4120 WEST IMPERIAL HIGHWAY, HAWTHORNE

This office has reviewed the file for the subject site. Based on the information provided to this office, we find that a change of address is required on the closure certification letter dated August 20, 1992 for the closure report submitted on August 5, 1992. Please note the change of address from 4210 to 4120 West Imperial Highway, Hawthorne.

If you have any questions regarding this matter, please contact Mr. Tim Smith, of this office at (626) 458-3510 Monday through Thursday, 7 a.m. to 5:30 p.m.

Very truly yours,

DONALD L. WOLFE
Acting Director of Public Works

TIM SMITH
Civil Engineer
Environmental Programs Division

ER:wm
C:04Ltrs/G/Germain/C429312

cc: California Regional Water Quality Control Board (Yue Rong)

APPENDIX C: REGULATORY DATABASE REPORT

DATABASE REPORT

Project Property:	*Menlo and Imperial - Parking Lot* *SE Corner Menlo Avenue and Imperial Highway* *Hawthorne CA 90304*
Project No:	*24-473325.1*
Report Type:	*Database Report*
Order No:	*24111100252*
Requested by:	*Partner Engineering and Science, Inc.*
Date Completed:	*November 12, 2024*

Environmental Risk Information Services
A division of Glacier Media Inc.
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Executive Summary

Property Information:

Project Property:		*Menlo and Imperial - Parking Lot* *SE Corner Menlo Avenue and Imperial Highway Hawthorne CA 90304*
Project No:		*24-473325.1*
Coordinates:		
	Latitude:	*33.9310278*
	Longitude:	*-118.3471746*
	UTM Northing:	*3,755,280.19*
	UTM Easting:	*375,515.82*
	UTM Zone:	*UTM Zone 11S*
Elevation:		*71 FT*

Order Information:

Order No:	*24111100252*
Date Requested:	*November 11, 2024*
Requested by:	*Partner Engineering and Science, Inc.*
Report Type:	*Database Report*

Historicals/Products:

Aerial Photographs	*Historical Aerials (with Project Boundaries)*
City Directory Search	*Smart CD Search*
ERIS Xplorer	*ERIS Xplorer*
Excel Add-On	*Excel Add-On*
Fire Insurance Maps	*US Fire Insurance Maps*
Physical Setting Report (PSR)	*Physical Setting Report (PSR)*
Topographic Map	*Topographic Maps*
Vapor Screening Tool	*Vapor Screening Tool*

Executive Summary: Report Summary

Database	Searched	Search Radius	Project Property	Within 0.12mi	0.125mi to 0.25mi	0.25mi to 0.50mi	0.50mi to 1.00mi	Total
Standard Environmental Records								
Federal								
NPL	Y	1	0	0	0	0	0	0
PROPOSED NPL	Y	1	0	0	0	0	0	0
DELETED NPL	Y	0.5	0	0	0	0	-	0
SEMS	Y	0.5	0	0	0	0	-	0
SEMS ARCHIVE	Y	0.5	0	0	0	0	-	0
ODI	Y	0.5	0	0	0	0	-	0
CERCLIS	Y	0.5	0	0	0	0	-	0
IODI	Y	0.5	0	0	0	0	-	0
CERCLIS NFRAP	Y	0.5	0	0	0	0	-	0
CERCLIS LIENS	Y	PO	0	-	-	-	-	0
RCRA CORRACTS	Y	1	0	0	0	0	0	0
RCRA TSD	Y	0.5	0	0	**1**	**5**	-	**6**
RCRA LQG	Y	0.25	0	0	0	-	-	0
RCRA SQG	Y	0.25	0	0	**2**	-	-	**2**
RCRA VSQG	Y	0.25	0	0	0	-	-	0
RCRA NON GEN	Y	0.25	0	**2**	**6**	-	-	**8**
RCRA CONTROLS	Y	0.5	0	0	0	0	-	0
FED ENG	Y	0.5	0	0	0	0	-	0
FED INST	Y	0.5	0	0	0	0	-	0
LUCIS	Y	0.5	0	0	0	0	-	0
NPL IC	Y	0.5	0	0	0	0	-	0
ERNS 1982 TO 1986	Y	PO	0	-	-	-	-	0
ERNS 1987 TO 1989	Y	PO	0	-	-	-	-	0
ERNS	Y	PO	0	-	-	-	-	0
FED BROWNFIELDS	Y	0.5	0	0	0	**29**	-	**29**
FEMA UST	Y	0.25	0	0	0	-	-	0
FRP	Y	0.25	0	0	0	-	-	0

Database	Searched	Search Radius	Project Property	Within 0.12mi	0.125mi to 0.25mi	0.25mi to 0.50mi	0.50mi to 1.00mi	Total
DELISTED FRP	Y	0.25	0	0	0	-	-	0
HIST GAS STATIONS	Y	0.25	0	0	0	-	-	0
REFN	Y	0.25	0	0	0	-	-	0
BULK TERMINAL	Y	0.25	0	0	0	-	-	0
SEMS LIEN	Y	PO	0	-	-	-	-	0
SUPERFUND ROD	Y	1	0	0	0	0	0	0
DOE FUSRAP	Y	1	0	0	0	0	0	0
State								
RESPONSE	Y	1	0	0	0	0	0	0
ENVIROSTOR	Y	1	0	0	0	**3**	**7**	**10**
DELISTED ENVS	Y	1	0	0	0	0	0	0
SWF/LF	Y	0.5	0	0	0	0	-	0
SWRCB SWF	Y	0.5	0	0	0	0	-	0
WMUD	Y	0.5	0	0	0	0	-	0
HWP	Y	1	0	0	0	0	0	0
SWAT	Y	0.5	0	0	0	0	-	0
C&D DEBRIS RECY	Y	0.5	0	0	0	0	-	0
RECYCLING	Y	0.5	0	0	0	**1**	-	**1**
PROCESSORS	Y	0.5	0	0	0	0	-	0
CONTAINER RECY	Y	0.5	0	0	0	0	-	0
LDS	Y	0.5	0	0	0	0	-	0
LUST	Y	0.5	0	0	0	**8**	-	**8**
DELISTED LST	Y	0.5	0	0	0	0	-	0
UST	Y	0.25	0	0	**1**	-	-	**1**
UST CLOSURE	Y	0.5	0	0	0	0	-	0
HHSS	Y	0.25	0	0	**3**	-	-	**3**
UST SWEEPS	Y	0.25	**1**	0	**4**	-	-	**5**
AST	Y	0.25	0	0	0	-	-	0
AST SWRCB	Y	0.25	0	0	0	-	-	0
TANK OIL GAS	Y	0.25	0	0	0	-	-	0
DELISTED TNK	Y	0.25	0	0	0	-	-	0
CERS TANK	Y	0.25	0	0	**1**	-	-	**1**
DELISTED CTNK	Y	0.25	0	0	0	-	-	0
HIST TANK	Y	0.25	0	0	**3**	-	-	**3**

Database	Searched	Search Radius	Project Property	Within 0.12mi	0.125mi to 0.25mi	0.25mi to 0.50mi	0.50mi to 1.00mi	Total
LUR	Y	0.5	0	0	0	0	-	0
CALSITES	Y	0.5	0	0	0	0	-	0
HLUR	Y	0.5	0	0	0	0	-	0
DEED	Y	0.5	0	0	0	0	-	0
VCP	Y	0.5	0	0	0	0	-	0
CLEANUP SITES	Y	0.5	0	0	**1**	0	-	**1**
DELISTED CLEANUP	Y	0.5	0	0	0	0	-	0
DELISTED COUNTY	Y	0.25	0	0	0	-	-	0
Tribal								
INDIAN LUST	Y	0.5	0	0	0	0	-	0
INDIAN UST	Y	0.25	0	0	0	-	-	0
DELISTED INDIAN LST	Y	0.5	0	0	0	0	-	0
DELISTED INDIAN UST	Y	0.25	0	0	0	-	-	0
County								
SML LA	Y	0.5	0	0	0	0	-	0
SWF LA COUNTY	Y	0.5	0	0	0	0	-	0
CUPA LA COUNTY	Y	0.25	0	**1**	**14**	-	-	**15**
HMS LA	Y	0.25	**1**	0	**6**	-	-	**7**
AOCONCERN	Y	0.5	0	0	0	0	-	0
UST SANTAFESP	Y	0.25	0	0	0	-	-	0
UST LONGB	Y	0.25	0	0	0	-	-	0
CUPA BURBANK	Y	0.25	0	0	0	-	-	0
UST ELSEGUNDO	Y	0.25	0	0	0	-	-	0
UST SANTA MONICA	Y	0.25	0	0	0	-	-	0
AST SANTAMON	Y	0.25	0	0	0	-	-	0
CUPA SANTAMON	Y	0.25	0	0	0	-	-	0
UST TORRANCE	Y	0.25	0	0	0	-	-	0
UST VERNON	Y	0.25	0	0	0	-	-	0
CUPA VERNON	Y	0.25	0	0	0	-	-	0
UST LA CITY	Y	0.25	0	0	0	-	-	0
AST LA CITY	Y	0.25	0	0	0	-	-	0
HAZMAT LA CITY	Y	0.125	0	0	-	-	-	0

Additional Environmental Records

Federal

Database	Searched	Search Radius	Project Property	Within 0.12mi	0.125mi to 0.25mi	0.25mi to 0.50mi	0.50mi to 1.00mi	Total
PFAS GHG	Y	0.5	0	0	0	0	-	0
OSC RESPONSE	Y	0.125	0	0	-	-	-	0
FINDS/FRS	Y	PO	0	-	-	-	-	0
TRIS	Y	PO	0	-	-	-	-	0
PFAS NPL	Y	0.5	0	0	0	0	-	0
PFAS FED SITES	Y	0.5	0	0	0	0	-	0
PFAS SSEHRI	Y	0.5	0	0	0	0	-	0
PFAS ERNS	Y	0.5	0	0	0	0	-	0
PFAS NPDES	Y	0.5	0	0	0	0	-	0
PFAS TRI	Y	0.5	0	0	0	0	-	0
PFAS WATER	Y	0.5	0	0	0	0	-	0
PFAS TSCA	Y	0.5	0	0	0	0	-	0
PFAS E-MANIFEST	Y	0.5	0	0	0	0	-	0
PFAS IND	Y	0.5	0	0	0	0	-	0
HMIRS	Y	0.125	0	0	-	-	-	0
NCDL	Y	0.125	0	0	-	-	-	0
TSCA	Y	0.125	0	0	-	-	-	0
HIST TSCA	Y	0.125	0	0	-	-	-	0
FTTS ADMIN	Y	PO	0	-	-	-	-	0
FTTS INSP	Y	PO	0	-	-	-	-	0
PRP	Y	PO	0	-	-	-	-	0
SCRD DRYCLEANER	Y	0.5	0	0	0	0	-	0
ICIS	Y	PO	0	-	-	-	-	0
FED DRYCLEANERS	Y	0.25	0	0	0	-	-	0
DELISTED FED DRY	Y	0.25	0	0	0	-	-	0
FUDS	Y	1	0	0	0	**1**	0	**1**
FUDS MRS	Y	1	0	0	0	0	0	0
FORMER NIKE	Y	1	0	0	0	0	0	0
PIPELINE INCIDENT	Y	PO	0	-	-	-	-	0
MLTS	Y	PO	0	-	-	-	-	0
HIST MLTS	Y	PO	0	-	-	-	-	0
MINES	Y	0.25	0	0	0	-	-	0
SMCRA	Y	1	0	0	0	0	0	0
MRDS	Y	1	0	0	0	0	0	0
LM SITES	Y	1	0	0	0	0	0	0

Database	Searched	Search Radius	Project Property	Within 0.12mi	0.125mi to 0.25mi	0.25mi to 0.50mi	0.50mi to 1.00mi	Total
ALT FUELS	Y	0.25	0	0	**1**	-	-	**1**
CONSENT DECREES	Y	0.25	0	0	0	-	-	0
AFS	Y	PO	0	-	-	-	-	0
SSTS	Y	0.25	0	0	0	-	-	0
PCBT	Y	0.5	0	0	0	0	-	0
PCB	Y	0.5	0	0	0	0	-	0
POWER PLANTS	Y	0.125	0	0	-	-	-	0
State								
PFAS SAMPLING	Y	0.5	0	0	**7**	0	-	**7**
DRYCLEANERS	Y	0.25	0	0	0	-	-	0
DELISTED DRYCLEANERS	Y	0.25	0	0	0	-	-	0
DRYC GRANT	Y	0.25	0	0	0	-	-	0
PFAS GT CLEANUPS	Y	0.5	0	0	0	0	-	0
PFAS GW	Y	0.5	0	0	0	0	-	0
PFAS INVEST	Y	0.5	0	0	0	0	-	0
HWSS CLEANUP	Y	0.5	0	0	0	0	-	0
TOXIC PITS	Y	1	0	0	0	0	0	0
DTSC HWF	Y	0.5	0	0	0	0	-	0
INSP COMP ENF	Y	1	0	0	0	0	**1**	**1**
SCH	Y	1	0	0	0	**2**	**4**	**6**
CHMIRS	Y	PO	0	-	-	-	-	0
HIST CHMIRS	Y	PO	0	-	-	-	-	0
HAZNET	Y	PO	**1**	-	-	-	-	**1**
HAZ GEN	Y	PO	0	-	-	-	-	0
HAZ TSD	Y	0.5	0	0	0	0	-	0
HIST MANIFEST	Y	PO	**1**	-	-	-	-	**1**
HW TRANSPORT	Y	0.125	0	0	-	-	-	0
WASTE TIRE	Y	PO	0	-	-	-	-	0
MEDICAL WASTE	Y	0.25	0	0	0	-	-	0
HIST CORTESE	Y	0.5	0	0	0	0	-	0
CDO/CAO	Y	0.5	0	0	0	0	-	0
CERS HAZ	Y	0.125	0	0	-	-	-	0
DELISTED HAZ	Y	0.5	0	0	0	**2**	-	**2**
GEOTRACKER	Y	0.125	0	0	-	-	-	0
MINE	Y	1	0	0	0	0	0	0

Database	Searched	Search Radius	Project Property	Within 0.12mi	0.125mi to 0.25mi	0.25mi to 0.50mi	0.50mi to 1.00mi	Total
LIEN	Y	PO	0	-	-	-	-	0
WASTE DISCHG	Y	0.25	0	0	0	-	-	0
EMISSIONS	Y	0.25	0	0	**4**	-	-	**4**
CDL	Y	0.125	0	0	-	-	-	0
Tribal	***No Tribal additional environmental record sources available for this State.***							
County								
HAZMAT SANTAMON	Y	0.125	0	0	-	-	-	0
HAZ WST SANTAMON	Y	0.125	0	0	-	-	-	0
Total:			***4***	***3***	***54***	***51***	***12***	***124***

**** PO – Property Only***
**** 'Property and adjoining properties' database search radii are set at 0.25 miles.***

Executive Summary: Site Report Summary - Project Property

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
1	HMS LA		4120 W IMPERIAL HWY HAWTHORNE CA 90250	NE	0.00 / 0.00	0	39
1	HAZNET	1X GARY GERMAIN	4120 W IMPERIAL HAWTHORNE CA 902500000	NE	0.00 / 0.00	0	39
1	HIST MANIFEST		4120 W IMPERIAL HAWTHORNE CA 902500000	NE	0.00 / 0.00	0	39
1	UST SWEEPS	GARY GERMAIN	4120 W IMPERIAL HWY HAWTHORNE CA ***C C | Status:*** *A19-000-13756 | ACTIVE*	NE	0.00 / 0.00	0	40

Executive Summary: Site Report Summary - Surrounding Properties

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
2	CUPA LA COUNTY	T-MOBILE WEST SITE ID: LA02427A	4205 W IMPERIAL HWY HAWTHORNE CA 90250	W	0.11 / 570.23	0	40
3	RCRA NON GEN	BRIAN SATO	11627 OXFORD STREET HAWTHORNE CA 90250 ***EPA Handler ID:*** CAC003109473	SSE	0.11 / 600.57	-1	40
4	RCRA NON GEN	GIANNI NOVO	11602 FREEMAN AVE HAWTHORNE CA 90250 ***EPA Handler ID:*** CAC003042660	SW	0.12 / 639.56	0	41
5	HMS LA		4201 W IMPERIAL HWY HAWTHORNE CA 90250	WNW	0.13 / 662.53	0	42
5	HHSS	PUROLATOR COURIER CORP	4201 W. IMPERIAL HWY. INGLEWOOD CA 90304	WNW	0.13 / 662.53	0	42
5	HIST TANK	PUROLATOR COURIER CORP.	4201 W. IMPERIAL HWY. INGLEWOOD CA	WNW	0.13 / 662.53	0	43
5	CUPA LA COUNTY	LAX MAC MIDLINER	4201 W IMPERIAL HWY HAWTHORNE CA 90304	WNW	0.13 / 662.53	0	43
5	UST SWEEPS	PUROLATOR COURIER CORP	4201 W IMPERIAL HWY HAWTHORNE CA ***C C	Status:*** A19-000-11334 | ACTIVE	WNW	0.13 / 662.53	0	43
6	PFAS SAMPLING		CA	ENE	0.14 / 729.13	1	43
6	PFAS SAMPLING		CA	ENE	0.14 / 729.13	1	51
6	PFAS SAMPLING		CA	ENE	0.14 / 729.13	1	59
6	PFAS SAMPLING		CA	ENE	0.14 / 729.13	1	67

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
6	PFAS SAMPLING		CA	ENE	0.14 / 729.13	1	75
6	PFAS SAMPLING		CA	ENE	0.14 / 729.13	1	83
6	PFAS SAMPLING		CA	ENE	0.14 / 729.13	1	91
7	HMS LA		4000 W IMPERIAL HWY HAWTHORNE CA 90250	E	0.15 / 801.65	0	99
7	HIST TANK	EXXON SERVICE STATION	4000 W. IMPERIAL HAWTHORNE CA	E	0.15 / 801.65	0	100
7	UST SWEEPS	EXXON CO USA SS#72429	4000 W IMPERIAL HWY HAWTHORNE CA ***C C | Status:*** A19-000-11958 | ACTIVE	E	0.15 / 801.65	0	100
8	CUPA LA COUNTY	G E PLUMBING, INC.	11607 S PRAIRIE AVE HAWTHORNE CA 90250	ESE	0.17 / 915.92	-2	100
9	HMS LA		3954 W IMPERIAL HWY INGLEWOOD CA 90303	E	0.18 / 971.46	0	100
9	HHSS	KYO BOK KIM	3954 IMPERIAL PRAIRIE INGLEWOOD CA 90303	E	0.18 / 971.46	0	101
9	HIST TANK	KYO BOK KIM	3954 IMPERIAL INGLEWOOD CA	E	0.18 / 971.46	0	101
9	UST SWEEPS	SHELL SERV STA	3954 W IMPERIAL HWY INGLEWOOD CA ***C C | Status:*** A19-000-9465 | ACTIVE	E	0.18 / 971.46	0	101
10	RCRA SQG	HI TECH COLLISION SERVICES	11623 SOUTH PRAIRIE AVE HAWTHORNE CA 90250 ***EPA Handler ID:*** CAD095135190	SE	0.18 / 972.35	-2	101
10	EMISSIONS	CALIBER COLLISION CENTERS	11623 S PRAIRIE AVE HAWTHORNE CA 90250	SE	0.18 / 972.35	-2	102
10	EMISSIONS	HI-TECH COLLISION & PAINTING S	11623 S. PRAIRIE AVE. HAWTHORNE CA 90250	SE	0.18 / 972.35	-2	105

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
10	EMISSIONS	HI-TECH COLLISION & GLASS CENTERS, INC.	11623 S PRAIRIE AVE HAWTHORNE CA 90250	SE	0.18 / 972.35	-2	105
10	RCRA NON GEN	CALIBER COLLISION CENTERS	11623 PRAIRIE AVE HAWTHORNE CA 90250 ***EPA Handler ID:*** CAL000379923	SE	0.18 / 972.35	-2	106
10	CUPA LA COUNTY	CALIBER COLLISION CENTER	11623 S PRAIRIE AVE HAWTHORNE CA 90250	SE	0.18 / 972.35	-2	107
11	HMS LA		11229 S PRAIRIE AVE INGLEWOOD CA 90303	ENE	0.18 / 972.56	1	107
11	UST SWEEPS	AIRCRAFT VALVE	11229 S PRAIRIE AVE INGLEWOOD CA ***C C | Status:*** A19-000-10263 | ACTIVE	ENE	0.18 / 972.56	1	107
12	HMS LA		3950 W IMPERIAL HWY HAWTHORNE CA 903032610	E	0.19 / 1,020.18	0	107
12	UST	MOHAMAD POURNAMDARI INC	3950 W Imperial Hwy Hawthorne CA 90303 ***Facility ID:*** LACoFA0014265 ***Tank ID No. | Tank Status | Tank Closure Date:*** 3 | Confirmed/Updated Information | , 1 | Confirmed/Updated Information | , 2 | Confirmed/Updated Information | , 4 | Confirmed/Updated Information |	E	0.19 / 1,020.18	0	108
12	EMISSIONS	MOHAMAD POURNAMDARI INC	3950 W IMPERIAL HWY INGLEWOOD CA 90303	E	0.19 / 1,020.18	0	110
12	CERS TANK	MOHAMAD POURNAMDARI INC	3950 W IMPERIAL HWY HAWTHORNE CA 90303 ***Site ID:*** 135922	E	0.19 / 1,020.18	0	111
12	CUPA LA COUNTY	MOHAMAD PARANARNDARI INC	3950 W IMPERIAL HWY HAWTHORNE CA 90303	E	0.19 / 1,020.18	0	137
12	RCRA NON GEN	MOHAMAD POURNAMDARI INC	3950 W IMPERIAL HWY INGLEWOOD CA 90303 ***EPA Handler ID:*** CAL000424928	E	0.19 / 1,020.18	0	137
13	RCRA TSD	MARICELA MONRAZ	11725 MENLO AVENUE HAWTHORNE CA 90250	S	0.20 / 1,032.88	-1	138

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
			EPA Handler ID: CAC003015893				
13	RCRA NON GEN	MARICELA MONRAZ	11725 MENLO AVENUE HAWTHORNE CA 90250 ***EPA Handler ID:*** CAC003015893	S	0.20 / 1,032.88	-1	139
14	CUPA LA COUNTY	CALIBER COLLISION CENTERS - HAWTHORNE	11643 S PRAIRIE AVE HAWTHORNE CA 90250	SE	0.20 / 1,042.96	-2	140
15	RCRA SQG	AAAAUTOEL ELECTRIC INC	11634 S PRARIE AVE HAWTHORNE CA 90250 ***EPA Handler ID:*** CAD983596008	ESE	0.20 / 1,066.85	-2	140
15	CUPA LA COUNTY	ANGEL'S BATTERIES	11624 S PRAIRIE AVE HAWTHORNE CA 90250	ESE	0.20 / 1,066.85	-2	141
16	CUPA LA COUNTY	AT&T MOBILITY - PRAIRIE/105 FWY (USID12051)	11219 S PRAIRIE AVE INGLEWOOD CA 90304	NE	0.21 / 1,095.30	2	142
17	HHSS	UNION OIL SERVICE STATION 404	11208 SOUTH PRAIRIE EL SEGUNDO HAWTHORNE CA 90250	ENE	0.21 / 1,095.53	1	142
18	CLEANUP SITES	NORTHROP CORP.	PRAIRIE HAWTHORNE CA 90250 ***Global ID:*** SLT43122120	E	0.21 / 1,114.44	0	142
19	CUPA LA COUNTY	FINANCE AUTO SALES INC	11604 S PRAIRIE AVE HAWTHORNE CA 90250	ESE	0.22 / 1,144.36	-2	144
20	RCRA NON GEN	MRE HAWTHORNE, LLC	4132 W 118TH ST HAWTHORNE CA 90250 ***EPA Handler ID:*** CAC003228603	S	0.22 / 1,144.36	-1	144
20	RCRA NON GEN	MRE HAWTHORNE, LLC	4132 W 118TH ST HAWTHORNE CA 90250 ***EPA Handler ID:*** CAC003249846	S	0.22 / 1,144.36	-1	145
21	CUPA LA COUNTY	BIG RING MACHINE CO	11651 PRAIRIE AVE HAWTHORNE CA 90250	SE	0.22 / 1,174.48	-3	146
22	RCRA NON GEN	FERNANDO RIOS	3930 W 113TH ST. UNIT# 3 INGLEWOOD CA 90303 ***EPA Handler ID:*** CAC003272772	ENE	0.23 / 1,194.30	1	147
23	CUPA LA COUNTY	A A A AUTO ELECTRIC INC	11634 S PRAIRIE ST HAWTHORNE CA 90250	ESE	0.23 / 1,217.94	-3	148

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
24	HMS LA		11163 S PRAIRIE AVE INGLEWOOD CA 90303	NE	0.23 / 1,224.06	2	148
25	CUPA LA COUNTY	FINANCE AUTO SALES MECHANIC SERVICE	11706 S PRAIRIE AVE HAWTHORNE CA 90250	SE	0.25 / 1,299.06	-3	148
25	CUPA LA COUNTY	PREMIER AUTO TRANSMISSION	11706 S PRAIRIE AVE B HAWTHORNE CA 90250	SE	0.25 / 1,299.06	-3	148
25	CUPA LA COUNTY	AARON BRAKE SHOP	11706 S PRAIRIE AVE D HAWTHORNE CA 90250	SE	0.25 / 1,299.06	-3	149
25	CUPA LA COUNTY	MASTER AUTO REPAIR	11706 S PRAIRIE AVE A HAWTHORNE CA 90250	SE	0.25 / 1,299.06	-3	149
26	ALT FUELS	Hampton Inn Los Angeles Int'l Airport Hawthorne - Tesla Destination	11430 Acacia Ave Hawthorne CA 90250 ***ID:*** 113002	W	0.25 / 1,304.33	1	149
27	SCH	PCSD 111TH & FREEMAN SCHOOL SITE	11044 AND 11111 SOUTH FREEMAN AVENUE LENNOX CA 90304 ***Estor/EPA ID	Cleanup Status:*** 60000628 | NO FURTHER ACTION AS OF 8/8/2007	N	0.27 / 1,427.95	2	150
27	ENVIROSTOR	PCSD 111TH & FREEMAN SCHOOL SITE	11044 AND 11111 SOUTH FREEMAN AVENUE LENNOX CA 90304 ***Estor/EPA ID	Cleanup Status:*** 60000628 | NO FURTHER ACTION AS OF 8/8/2007	N	0.27 / 1,427.95	2	151
28	RCRA TSD	HAWTHORNE STATION	11230 SOUTH ARCACIA INGLEWOOD CA 90304 ***EPA Handler ID:*** CAC003012965	WNW	0.28 / 1,474.77	0	152
29	RCRA TSD	GREEN DOT PUBLIC SCHOOLS	11044 S. FREEMAN AVE INGLEWOOD CA 90304 ***EPA Handler ID:*** CAC003014763	NNW	0.28 / 1,485.70	2	153
30	LUST	ARCO #0087	11402 HAWTHORNE BLVD HAWTHORNE CA 90250 ***Global ID	Status:*** T0603703896 |	W	0.29 / 1,526.87	1	154
31	RCRA TSD	RAMONA LIZARRAGA	11025 S OSAGE AVE INGLEWOOD CA 90304 ***EPA Handler ID:*** CAC003017061	N	0.32 / 1,675.13	4	172
32	FED BROWNFIELDS	Cockatoo Middle School Site-Cockatoo-Apn 4047-002-016	HAWTHORNE BLVD & IMPERIAL HIGHWAY HAWTHORNE CA 90250	W	0.32 / 1,714.05	1	173

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
			Property ID: 11293				
32	FED BROWNFIELDS	Cockatoo Middle School Site-Cockatoo-Apn 4047-001-014	HAWTHORNE BLVD & IMPERIAL HIGHWAY HAWTHORNE CA 90250 ***Property ID:*** 11298	W	0.32 / 1,714.05	1	175
32	FED BROWNFIELDS	Cockatoo Middle School Site-Cockatoo-Apn 4047-001-011	HAWTHORNE BLVD & IMPERIAL HIGHWAY HAWTHORNE CA 90250 ***Property ID:*** 11297	W	0.32 / 1,714.05	1	178
32	FED BROWNFIELDS	Cockatoo Middle School Site-Cockatoo-Apn 4047-001-002	HAWTHORNE BLVD & IMPERIAL HIGHWAY HAWTHORNE CA 90250 ***Property ID:*** 11276	W	0.32 / 1,714.05	1	180
32	FED BROWNFIELDS	Cockatoo Middle School Site-Cockatoo-Apn 4047-001-020	HAWTHORNE BLVD & IMPERIAL HIGHWAY HAWTHORNE CA 90250 ***Property ID:*** 11303	W	0.32 / 1,714.05	1	182
32	FED BROWNFIELDS	Cockatoo Middle School Site-Cockatoo-Apn 4047-001-021	HAWTHORNE BLVD & IMPERIAL HIGHWAY HAWTHORNE CA 90250 ***Property ID:*** 11277	W	0.32 / 1,714.05	1	184
32	FED BROWNFIELDS	Cockatoo Middle School Site-Cockatoo-Apn 4047-001-019	HAWTHORNE BLVD & IMPERIAL HIGHWAY HAWTHORNE CA 90250 ***Property ID:*** 11286	W	0.32 / 1,714.05	1	186
32	FED BROWNFIELDS	Cockatoo Middle School Site-Cockatoo-Apn 4047-002-017	HAWTHORNE BLVD & IMPERIAL HIGHWAY HAWTHORNE CA 90250 ***Property ID:*** 11294	W	0.32 / 1,714.05	1	188
32	FED BROWNFIELDS	Cockatoo Middle School Site-Cockatoo-Apn 4047-002-015	HAWTHORNE BLVD & IMPERIAL HIGHWAY HAWTHORNE CA 90250 ***Property ID:*** 11292	W	0.32 / 1,714.05	1	191
32	FED BROWNFIELDS	Cockatoo Middle School Site-Cockatoo-Apn 4047-001-016	HAWTHORNE BLVD & IMPERIAL HIGHWAY HAWTHORNE CA 90250 ***Property ID:*** 11282	W	0.32 / 1,714.05	1	193
32	FED BROWNFIELDS	Cockatoo Middle School Site-Cockatoo-Apn 4047-002-019	HAWTHORNE BLVD & IMPERIAL HIGHWAY HAWTHORNE CA 90250 ***Property ID:*** 11296	W	0.32 / 1,714.05	1	195

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
32	FED BROWNFIELDS	Cockatoo Middle School Site-Cockatoo-Apn 4047-001-001	HAWTHORNE BLVD & IMPERIAL HIGHWAY HAWTHORNE CA 90250 ***Property ID:*** 11275	W	0.32 / 1,714.05	1	197
32	FED BROWNFIELDS	Cockatoo Middle School Site-Cockatoo-Apn 4047-002-005	HAWTHORNE BLVD & IMPERIAL HIGHWAY HAWTHORNE CA 90250 ***Property ID:*** 11287	W	0.32 / 1,714.05	1	199
32	FED BROWNFIELDS	Cockatoo Middle School Site-Cockatoo-Apn 4047-0021-010	HAWTHORNE BLVD & IMPERIAL HIGHWAY HAWTHORNE CA 90250 ***Property ID:*** 11300	W	0.32 / 1,714.05	1	201
32	FED BROWNFIELDS	Cockatoo Middle School Site-Cockatoo-Apn 4047-002-011	HAWTHORNE BLVD & IMPERIAL HIGHWAY HAWTHORNE CA 90250 ***Property ID:*** 11299	W	0.32 / 1,714.05	1	203
32	FED BROWNFIELDS	Cockatoo Middle School Site-Cockatoo-Apn 4047-001-018	HAWTHORNE BLVD & IMPERIAL HIGHWAY HAWTHORNE CA 90250 ***Property ID:*** 11284	W	0.32 / 1,714.05	1	206
32	FED BROWNFIELDS	Cockatoo Middle School Site-Cockatoo-Apn 4047-002-006	HAWTHORNE BLVD & IMPERIAL HIGHWAY HAWTHORNE CA 90250 ***Property ID:*** 11288	W	0.32 / 1,714.05	1	208
32	FED BROWNFIELDS	Cockatoo Middle School Site-Cockatoo-Apn 4047-001-015	HAWTHORNE BLVD & IMPERIAL HIGHWAY HAWTHORNE CA 90250 ***Property ID:*** 11281	W	0.32 / 1,714.05	1	210
32	FED BROWNFIELDS	Cockatoo Middle School Site-Cockatoo-Apn 4047-002-009	HAWTHORNE BLVD & IMPERIAL HIGHWAY HAWTHORNE CA 90250 ***Property ID:*** 11301	W	0.32 / 1,714.05	1	212
32	FED BROWNFIELDS	Cockatoo Middle School Site-Cockatoo-Apn 4047-001-008	HAWTHORNE BLVD & IMPERIAL HIGHWAY HAWTHORNE CA 90250 ***Property ID:*** 11279	W	0.32 / 1,714.05	1	214
32	FED BROWNFIELDS	Cockatoo Middle School Site-Cockatoo-Francis Beauty Salon	HAWTHORNE BLVD & IMPERIAL HIGHWAY HAWTHORNE CA 90250 ***Property ID:*** 11278	W	0.32 / 1,714.05	1	216
32	FED BROWNFIELDS	Cockatoo Middle School Site-Cockatoo-Apn 4047-002-003	HAWTHORNE BLVD & IMPERIAL HIGHWAY HAWTHORNE CA 90250 ***Property ID:*** 11285	W	0.32 / 1,714.05	1	218

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
32	FED BROWNFIELDS	Cockatoo Middle School Site-Cockatoo-Apn 4047-002-018	HAWTHORNE BLVD & IMPERIAL HIGHWAY HAWTHORNE CA 90250 ***Property ID:*** 11295	W	0.32 / 1,714.05	1	221
32	FED BROWNFIELDS	Cockatoo Middle School Site-Cockatoo-Apn 4047-002-007	HAWTHORNE BLVD & IMPERIAL HIGHWAY HAWTHORNE CA 90250 ***Property ID:*** 11289	W	0.32 / 1,714.05	1	223
32	FED BROWNFIELDS	Cockatoo Middle School Site-Cockatoo-Apn 4047-002-001	HAWTHORNE BLVD & IMPERIAL HIGHWAY HAWTHORNE CA 90250 ***Property ID:*** 11302	W	0.32 / 1,714.05	1	225
32	FED BROWNFIELDS	Cockatoo Middle School Site-Cockatoo-Apn 4047-001-009	HAWTHORNE BLVD & IMPERIAL HIGHWAY HAWTHORNE CA 90250 ***Property ID:*** 11280	W	0.32 / 1,714.05	1	227
32	FED BROWNFIELDS	Cockatoo Middle School Site-Cockatoo-Apn 4047-001-017	HAWTHORNE BLVD & IMPERIAL HIGHWAY HAWTHORNE CA 90250 ***Property ID:*** 11283	W	0.32 / 1,714.05	1	229
32	FED BROWNFIELDS	Cockatoo Middle School Site-Cockatoo-Apn 4047-002-013	HAWTHORNE BLVD & IMPERIAL HIGHWAY HAWTHORNE CA 90250 ***Property ID:*** 11290	W	0.32 / 1,714.05	1	231
32	FED BROWNFIELDS	Cockatoo Middle School Site-Cockatoo-Apn 4047-002-014	HAWTHORNE BLVD & IMPERIAL HIGHWAY HAWTHORNE CA 90250 ***Property ID:*** 11291	W	0.32 / 1,714.05	1	233
33	ENVIROSTOR	HAWTHORNE HOUSING PROJECT	INGLEWOOD CA ***Estor/EPA ID | Cleanup Status:*** 80001016 | INACTIVE - NEEDS EVALUATION AS OF 7/1/2005	SW	0.34 / 1,808.03	1	236
33	FUDS	HAWTHORNE HOUSING PROJECT	INGLEWOOD CA ***FUDS Property No:*** J09CA7379	SW	0.34 / 1,808.03	1	236
34	LUST	UNOCAL #5865	4410 IMPERIAL HWY W HAWTHORNE CA 90304 ***Global ID | Status:*** T0603703509 |	W	0.34 / 1,815.88	1	237
35	RCRA TSD	RAMIRO MARTIN CASILLAS	11029-31-31.5 LARCH AVE INGLEWOOD CA 90304 ***EPA Handler ID:*** CAC003017062	NW	0.37 / 1,943.30	0	250
36	LUST	SHELL SERVICE STATION	11741 HAWTHORNE BLVD. HAWTHORNE CA 90250	WSW	0.40 / 2,087.83	1	251

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
			***Global ID*	*Status:*** T0603789550 |			
36	DELISTED HAZ	RAFS M&M INC. DBA D&D SERVICE	11741 S HAWTHORNE BLVD HAWTHORNE CA 90250	WSW	0.40 / 2,087.83	1	276
37	LUST	SKIPS BODY SHOP	4439 IMPERIAL HWY W HAWTHORNE CA 90250 ***Global ID* | *Status:*** T0603704308 |	W	0.41 / 2,139.26	0	276
38	SCH	LENNOX ELEMENTARY /VIVA MARKET SCHOOL	11036 HAWTHORNE BOULEVARD LENNOX CA 90304-2316 ***Estor/EPA ID* | *Cleanup Status:*** 19540001 | NO ACTION REQUIRED AS OF 7/27/1999	NW	0.42 / 2,212.40	0	279
38	ENVIROSTOR	LENNOX ELEMENTARY /VIVA MARKET SCHOOL	11036 HAWTHORNE BOULEVARD LENNOX CA 90304-2316 ***Estor/EPA ID* | *Cleanup Status:*** 19540001 | NO ACTION REQUIRED AS OF 7/27/1999	NW	0.42 / 2,212.40	0	280
39	DELISTED HAZ	J & S AUTOMATIC TRANSMISSION	4445 W IMPERIAL HWY INGLEWOOD CA 90304	W	0.43 / 2,263.93	0	280
40	LUST	THRIFTY OIL #191	11890 HAWTHORNE BLVD S HAWTHORNE CA 90250 ***Global ID* | *Status:*** T0603704983 |	SW	0.43 / 2,272.71	1	281
41	LUST	FAST FUEL #77 / TEXACO-FORMER	3754 IMPERIAL HWY W INGLEWOOD CA 90303 ***Global ID* | *Status:*** T0603704609 |	E	0.45 / 2,349.66	-1	285
41	LUST	TOYON LLC	3754 IMPERIAL HWY W HAWTHORNE CA 90250 ***Global ID* | *Status:*** T0603792980 |	E	0.45 / 2,349.66	-1	287
42	RECYCLING	Ponce Recycling	10801 Prairie Ave Inglewood CA 90303	NNE	0.48 / 2,516.85	7	290
43	LUST	SHELL SERVICE STATION	10800 PRAIRIE AVE S INGLEWOOD CA 90303 ***Global ID* | *Status:*** T0603705368 |	NNE	0.49 / 2,590.86	7	290
44	RCRA TSD	LUIS PEREZ	11037 S BURIN AVE #1,2,3,5 INGLEWOOD CA 90304 ***EPA Handler ID:*** CAC003017095	WNW	0.49 / 2,606.07	0	293
45	INSP COMP ENF	ALEY & L GROUP CORP	4561 W 115TH ST HAWTHORNE CA 90250	W	0.52 / 2,739.37	2	294
46	ENVIROSTOR	MANHATTAN BEACH HARBOR DEFENSE	MANHATTAN BEACH CA 90266	WSW	0.75 / 3,948.18	8	294

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
			***Estor/EPA ID	Cleanup Status:*** 80001033 | INACTIVE - NEEDS EVALUATION AS OF 8/8/2016			
47	SCH	WHALEN ELEMENTARY SCHOOL EXPANSION	104TH STREET/105TH STREET LENNOX CA 90304 ***Estor/EPA ID	Cleanup Status:*** 19880081 | NO FURTHER ACTION AS OF 12/27/2006	NNE	0.77 / 4,047.93	13	295
47	ENVIROSTOR	WHALEN ELEMENTARY SCHOOL EXPANSION	104TH STREET/105TH STREET LENNOX CA 90304 ***Estor/EPA ID	Cleanup Status:*** 19880081 | NO FURTHER ACTION AS OF 12/27/2006	NNE	0.77 / 4,047.93	13	296
48	ENVIROSTOR	FOSTER OIL COMPANY	4760 WEST IMPERIAL HIGHWAY INGLEWOOD CA 90301 ***Estor/EPA ID	Cleanup Status:*** 19750078 | REFER: OTHER AGENCY AS OF 8/29/1995	W	0.79 / 4,147.62	7	297
49	SCH	TODAY'S FRESH START CHARTER SCHOOL	3405 W. IMPERIAL HIGHWAY INGLEWOOD CA 90303 ***Estor/EPA ID	Cleanup Status:*** 60000556 | NO FURTHER ACTION AS OF 6/12/2008	E	0.84 / 4,418.43	-1	298
49	ENVIROSTOR	TODAY'S FRESH START CHARTER SCHOOL	3405 W. IMPERIAL HIGHWAY INGLEWOOD CA 90303 ***Estor/EPA ID	Cleanup Status:*** 60000556 | NO FURTHER ACTION AS OF 6/12/2008	E	0.84 / 4,418.43	-1	300
50	ENVIROSTOR	HAWTHORNE MUNICIPAL AIRPORT	HAWTHORNE CA ***Estor/EPA ID	Cleanup Status:*** 80000261 | INACTIVE - NEEDS EVALUATION AS OF 8/15/2018	ESE	0.93 / 4,902.05	-9	301
51	SCH	JEFFERSON ELEMENTARY SCHOOL EXPANSION	10322 CONDON AVENUE LENNOX CA 90304 ***Estor/EPA ID	Cleanup Status:*** 60000695 | INACTIVE - WITHDRAWN AS OF 11/7/2011	NW	0.99 / 5,248.64	10	302
51	SCH	JEFFERSON ELEMENTARY SCHOOL	CONDON AVENUE/CENTURY BOULEVARD LENNOX CA 90304 ***Estor/EPA ID	Cleanup Status:*** 60000033 | INACTIVE - WITHDRAWN AS OF 2/20/2013	NW	0.99 / 5,248.64	10	304
51	ENVIROSTOR	JEFFERSON ELEMENTARY SCHOOL	CONDON AVENUE/CENTURY BOULEVARD LENNOX CA 90304 ***Estor/EPA ID	Cleanup Status:*** 60000033 | INACTIVE - WITHDRAWN AS OF 2/20/2013	NW	0.99 / 5,248.64	10	304
51	ENVIROSTOR	JEFFERSON ELEMENTARY SCHOOL EXPANSION	10322 CONDON AVENUE LENNOX CA 90304 ***Estor/EPA ID	Cleanup Status:*** 60000695 | INACTIVE - WITHDRAWN AS OF 11/7/2011	NW	0.99 / 5,248.64	10	305

Executive Summary: Summary by Data Source

Standard

Federal

RCRA TSD - RCRA non-CORRACTS TSD Facilities

A search of the RCRA TSD database, dated Apr 8, 2024 has found that there are 6 RCRA TSD site(s) within approximately 0.50miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
HAWTHORNE STATION	11230 SOUTH ARCACIA INGLEWOOD CA 90304 ***EPA Handler ID**: CAC003012965*	WNW	0.28 / 1,474.77	28
GREEN DOT PUBLIC SCHOOLS	11044 S. FREEMAN AVE INGLEWOOD CA 90304 ***EPA Handler ID**: CAC003014763*	NNW	0.28 / 1,485.70	29
RAMONA LIZARRAGA	11025 S OSAGE AVE INGLEWOOD CA 90304 ***EPA Handler ID**: CAC003017061*	N	0.32 / 1,675.13	31
RAMIRO MARTIN CASILLAS	11029-31-31.5 LARCH AVE INGLEWOOD CA 90304 ***EPA Handler ID**: CAC003017062*	NW	0.37 / 1,943.30	35
LUIS PEREZ	11037 S BURIN AVE #1,2,3,5 INGLEWOOD CA 90304 ***EPA Handler ID**: CAC003017095*	WNW	0.49 / 2,606.07	44

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
MARICELA MONRAZ	11725 MENLO AVENUE HAWTHORNE CA 90250 ***EPA Handler ID**: CAC003015893*	S	0.20 / 1,032.88	13

RCRA SQG - RCRA Small Quantity Generators List

A search of the RCRA SQG database, dated Apr 8, 2024 has found that there are 2 RCRA SQG site(s) within approximately 0.25miles of the project property.

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
HI TECH COLLISION SERVICES	11623 SOUTH PRAIRIE AVE HAWTHORNE CA 90250 ***EPA Handler ID**: CAD095135190*	SE	0.18 / 972.35	10
AAAAUTOEL ELECTRIC INC	11634 S PRARIE AVE HAWTHORNE CA 90250	ESE	0.20 / 1,066.85	15

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
	***EPA Handler ID**: CAD983596008*			

RCRA NON GEN - RCRA Non-Generators

A search of the RCRA NON GEN database, dated Apr 8, 2024 has found that there are 8 RCRA NON GEN site(s) within approximately 0.25miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
GIANNI NOVO	11602 FREEMAN AVE HAWTHORNE CA 90250	SW	0.12 / 639.56	4
	***EPA Handler ID**: CAC003042660*			
MOHAMAD POURNAMDARI INC	3950 W IMPERIAL HWY INGLEWOOD CA 90303	E	0.19 / 1,020.18	12
	***EPA Handler ID**: CAL000424928*			
FERNANDO RIOS	3930 W 113TH ST. UNIT# 3 INGLEWOOD CA 90303	ENE	0.23 / 1,194.30	22
	***EPA Handler ID**: CAC003272772*			

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
BRIAN SATO	11627 OXFORD STREET HAWTHORNE CA 90250	SSE	0.11 / 600.57	3
	***EPA Handler ID**: CAC003109473*			
CALIBER COLLISION CENTERS	11623 PRAIRIE AVE HAWTHORNE CA 90250	SE	0.18 / 972.35	10
	***EPA Handler ID**: CAL000379923*			
MARICELA MONRAZ	11725 MENLO AVENUE HAWTHORNE CA 90250	S	0.20 / 1,032.88	13
	***EPA Handler ID**: CAC003015893*			
MRE HAWTHORNE, LLC	4132 W 118TH ST HAWTHORNE CA 90250	S	0.22 / 1,144.36	20
	***EPA Handler ID**: CAC003249846*			
MRE HAWTHORNE, LLC	4132 W 118TH ST HAWTHORNE CA 90250	S	0.22 / 1,144.36	20
	***EPA Handler ID**: CAC003228603*			

FED BROWNFIELDS - The Assessment, Cleanup and Redevelopment Exchange System (ACRES) Brownfield Database

A search of the FED BROWNFIELDS database, dated Feb 7, 2024 has found that there are 29 FED BROWNFIELDS site(s) within approximately 0.50miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
Cockatoo Middle School Site-Cockatoo-Apn 4047-001-011	HAWTHORNE BLVD & IMPERIAL HIGHWAY HAWTHORNE CA 90250	W	0.32 / 1,714.05	32

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
	***Property ID**: 11297*			
Cockatoo Middle School Site-Cockatoo-Apn 4047-001-014	HAWTHORNE BLVD & IMPERIAL HIGHWAY HAWTHORNE CA 90250 ***Property ID**: 11298*	W	0.32 / 1,714.05	32
Cockatoo Middle School Site-Cockatoo-Apn 4047-001-020	HAWTHORNE BLVD & IMPERIAL HIGHWAY HAWTHORNE CA 90250 ***Property ID**: 11303*	W	0.32 / 1,714.05	32
Cockatoo Middle School Site-Cockatoo-Apn 4047-001-021	HAWTHORNE BLVD & IMPERIAL HIGHWAY HAWTHORNE CA 90250 ***Property ID**: 11277*	W	0.32 / 1,714.05	32
Cockatoo Middle School Site-Cockatoo-Apn 4047-001-019	HAWTHORNE BLVD & IMPERIAL HIGHWAY HAWTHORNE CA 90250 ***Property ID**: 11286*	W	0.32 / 1,714.05	32
Cockatoo Middle School Site-Cockatoo-Apn 4047-002-017	HAWTHORNE BLVD & IMPERIAL HIGHWAY HAWTHORNE CA 90250 ***Property ID**: 11294*	W	0.32 / 1,714.05	32
Cockatoo Middle School Site-Cockatoo-Apn 4047-002-015	HAWTHORNE BLVD & IMPERIAL HIGHWAY HAWTHORNE CA 90250 ***Property ID**: 11292*	W	0.32 / 1,714.05	32
Cockatoo Middle School Site-Cockatoo-Apn 4047-001-016	HAWTHORNE BLVD & IMPERIAL HIGHWAY HAWTHORNE CA 90250 ***Property ID**: 11282*	W	0.32 / 1,714.05	32
Cockatoo Middle School Site-Cockatoo-Apn 4047-002-019	HAWTHORNE BLVD & IMPERIAL HIGHWAY HAWTHORNE CA 90250 ***Property ID**: 11296*	W	0.32 / 1,714.05	32
Cockatoo Middle School Site-Cockatoo-Apn 4047-001-001	HAWTHORNE BLVD & IMPERIAL HIGHWAY HAWTHORNE CA 90250 ***Property ID**: 11275*	W	0.32 / 1,714.05	32
Cockatoo Middle School Site-Cockatoo-Apn 4047-002-005	HAWTHORNE BLVD & IMPERIAL HIGHWAY HAWTHORNE CA 90250 ***Property ID**: 11287*	W	0.32 / 1,714.05	32
Cockatoo Middle School Site-Cockatoo-Apn 4047-0021-010	HAWTHORNE BLVD & IMPERIAL HIGHWAY HAWTHORNE CA 90250 ***Property ID**: 11300*	W	0.32 / 1,714.05	32
Cockatoo Middle School Site-Cockatoo-Apn 4047-002-011	HAWTHORNE BLVD & IMPERIAL HIGHWAY HAWTHORNE CA 90250 ***Property ID**: 11299*	W	0.32 / 1,714.05	32
Cockatoo Middle School Site-Cockatoo-Apn 4047-001-015	HAWTHORNE BLVD & IMPERIAL HIGHWAY HAWTHORNE CA 90250	W	0.32 / 1,714.05	32

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
	***Property ID**: 11281*			
Cockatoo Middle School Site-Cockatoo-Apn 4047-002-009	HAWTHORNE BLVD & IMPERIAL HIGHWAY HAWTHORNE CA 90250 ***Property ID**: 11301*	W	0.32 / 1,714.05	32
Cockatoo Middle School Site-Cockatoo-Apn 4047-001-008	HAWTHORNE BLVD & IMPERIAL HIGHWAY HAWTHORNE CA 90250 ***Property ID**: 11279*	W	0.32 / 1,714.05	32
Cockatoo Middle School Site-Cockatoo-Francis Beauty Salon	HAWTHORNE BLVD & IMPERIAL HIGHWAY HAWTHORNE CA 90250 ***Property ID**: 11278*	W	0.32 / 1,714.05	32
Cockatoo Middle School Site-Cockatoo-Apn 4047-002-003	HAWTHORNE BLVD & IMPERIAL HIGHWAY HAWTHORNE CA 90250 ***Property ID**: 11285*	W	0.32 / 1,714.05	32
Cockatoo Middle School Site-Cockatoo-Apn 4047-002-018	HAWTHORNE BLVD & IMPERIAL HIGHWAY HAWTHORNE CA 90250 ***Property ID**: 11295*	W	0.32 / 1,714.05	32
Cockatoo Middle School Site-Cockatoo-Apn 4047-002-007	HAWTHORNE BLVD & IMPERIAL HIGHWAY HAWTHORNE CA 90250 ***Property ID**: 11289*	W	0.32 / 1,714.05	32
Cockatoo Middle School Site-Cockatoo-Apn 4047-001-018	HAWTHORNE BLVD & IMPERIAL HIGHWAY HAWTHORNE CA 90250 ***Property ID**: 11284*	W	0.32 / 1,714.05	32
Cockatoo Middle School Site-Cockatoo-Apn 4047-002-006	HAWTHORNE BLVD & IMPERIAL HIGHWAY HAWTHORNE CA 90250 ***Property ID**: 11288*	W	0.32 / 1,714.05	32
Cockatoo Middle School Site-Cockatoo-Apn 4047-002-001	HAWTHORNE BLVD & IMPERIAL HIGHWAY HAWTHORNE CA 90250 ***Property ID**: 11302*	W	0.32 / 1,714.05	32
Cockatoo Middle School Site-Cockatoo-Apn 4047-001-009	HAWTHORNE BLVD & IMPERIAL HIGHWAY HAWTHORNE CA 90250 ***Property ID**: 11280*	W	0.32 / 1,714.05	32
Cockatoo Middle School Site-Cockatoo-Apn 4047-001-017	HAWTHORNE BLVD & IMPERIAL HIGHWAY HAWTHORNE CA 90250 ***Property ID**: 11283*	W	0.32 / 1,714.05	32
Cockatoo Middle School Site-Cockatoo-Apn 4047-002-013	HAWTHORNE BLVD & IMPERIAL HIGHWAY HAWTHORNE CA 90250 ***Property ID**: 11290*	W	0.32 / 1,714.05	32
Cockatoo Middle School Site-Cockatoo-Apn 4047-002-014	HAWTHORNE BLVD & IMPERIAL HIGHWAY HAWTHORNE CA 90250	W	0.32 / 1,714.05	32

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
	***Property ID**: 11291*			
Cockatoo Middle School Site-Cockatoo-Apn 4047-002-016	HAWTHORNE BLVD & IMPERIAL HIGHWAY HAWTHORNE CA 90250 ***Property ID**: 11293*	W	0.32 / 1,714.05	32
Cockatoo Middle School Site-Cockatoo-Apn 4047-001-002	HAWTHORNE BLVD & IMPERIAL HIGHWAY HAWTHORNE CA 90250 ***Property ID**: 11276*	W	0.32 / 1,714.05	32

State

ENVIROSTOR - EnviroStor Database

A search of the ENVIROSTOR database, dated Sep 25, 2024 has found that there are 10 ENVIROSTOR site(s) within approximately 1.00miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
PCSD 111TH & FREEMAN SCHOOL SITE	11044 AND 11111 SOUTH FREEMAN AVENUE LENNOX CA 90304 ***Estor/EPA ID	Cleanup Status**: 60000628 | NO FURTHER ACTION AS OF 8/8/2007*	N	0.27 / 1,427.95	27
HAWTHORNE HOUSING PROJECT	INGLEWOOD CA ***Estor/EPA ID	Cleanup Status**: 80001016 | INACTIVE - NEEDS EVALUATION AS OF 7/1/2005*	SW	0.34 / 1,808.03	33
LENNOX ELEMENTARY /VIVA MARKET SCHOOL	11036 HAWTHORNE BOULEVARD LENNOX CA 90304-2316 ***Estor/EPA ID	Cleanup Status**: 19540001 | NO ACTION REQUIRED AS OF 7/27/1999*	NW	0.42 / 2,212.40	38
MANHATTAN BEACH HARBOR DEFENSE	MANHATTAN BEACH CA 90266 ***Estor/EPA ID	Cleanup Status**: 80001033 | INACTIVE - NEEDS EVALUATION AS OF 8/8/2016*	WSW	0.75 / 3,948.18	46
WHALEN ELEMENTARY SCHOOL EXPANSION	104TH STREET/105TH STREET LENNOX CA 90304 ***Estor/EPA ID	Cleanup Status**: 19880081 | NO FURTHER ACTION AS OF 12/27/2006*	NNE	0.77 / 4,047.93	47
FOSTER OIL COMPANY	4760 WEST IMPERIAL HIGHWAY INGLEWOOD CA 90301 ***Estor/EPA ID	Cleanup Status**: 19750078 | REFER: OTHER AGENCY AS OF 8/29/1995*	W	0.79 / 4,147.62	48
JEFFERSON ELEMENTARY SCHOOL	CONDON AVENUE/CENTURY BOULEVARD LENNOX CA 90304 ***Estor/EPA ID	Cleanup Status**: 60000033 | INACTIVE - WITHDRAWN AS OF 2/20/2013*	NW	0.99 / 5,248.64	51
JEFFERSON ELEMENTARY SCHOOL EXPANSION	10322 CONDON AVENUE LENNOX CA 90304 ***Estor/EPA ID	Cleanup Status**: 60000695 | INACTIVE - WITHDRAWN AS OF 11/7/2011*	NW	0.99 / 5,248.64	51

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
TODAY'S FRESH START CHARTER SCHOOL	3405 W. IMPERIAL HIGHWAY INGLEWOOD CA 90303	E	0.84 / 4,418.43	49
	***Estor/EPA ID** | **Cleanup Status**: 60000556 | NO FURTHER ACTION AS OF 6/12/2008*			
HAWTHORNE MUNICIPAL AIRPORT	HAWTHORNE CA	ESE	0.93 / 4,902.05	50
	***Estor/EPA ID** | **Cleanup Status**: 80000261 | INACTIVE - NEEDS EVALUATION AS OF 8/15/2018*			

RECYCLING - Recycling Centers

A search of the RECYCLING database, dated Oct 5, 2024 has found that there are 1 RECYCLING site(s) within approximately 0.50 miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
Ponce Recycling	10801 Prairie Ave Inglewood CA 90303	NNE	0.48 / 2,516.85	42

LUST - Leaking Underground Fuel Tank Reports

A search of the LUST database, dated Jul 4, 2024 has found that there are 8 LUST site(s) within approximately 0.50miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
ARCO #0087	11402 HAWTHORNE BLVD HAWTHORNE CA 90250	W	0.29 / 1,526.87	30
	***Global ID** | **Status**: T0603703896 |*			
UNOCAL #5865	4410 IMPERIAL HWY W HAWTHORNE CA 90304	W	0.34 / 1,815.88	34
	***Global ID** | **Status**: T0603703509 |*			
SHELL SERVICE STATION	11741 HAWTHORNE BLVD. HAWTHORNE CA 90250	WSW	0.40 / 2,087.83	36
	***Global ID** | **Status**: T0603789550 |*			
SKIPS BODY SHOP	4439 IMPERIAL HWY W HAWTHORNE CA 90250	W	0.41 / 2,139.26	37
	***Global ID** | **Status**: T0603704308 |*			
THRIFTY OIL #191	11890 HAWTHORNE BLVD S HAWTHORNE CA 90250	SW	0.43 / 2,272.71	40
	***Global ID** | **Status**: T0603704983 |*			
SHELL SERVICE STATION	10800 PRAIRIE AVE S INGLEWOOD CA 90303	NNE	0.49 / 2,590.86	43
	***Global ID** | **Status**: T0603705368 |*			

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
TOYON LLC	3754 IMPERIAL HWY W HAWTHORNE CA 90250	E	0.45 / 2,349.66	41

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
	Global ID* | *Status: *T0603792980* |			
FAST FUEL #77 / TEXACO-FORMER	3754 IMPERIAL HWY W INGLEWOOD CA 90303	E	0.45 / 2,349.66	41
	Global ID* | *Status: *T0603704609* |			

UST - Permitted Underground Storage Tank (UST) in GeoTracker

A search of the UST database, dated Sep 11, 2024 has found that there are 1 UST site(s) within approximately 0.25miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
MOHAMAD POURNAMDARI INC	3950 W Imperial Hwy Hawthorne CA 90303	E	0.19 / 1,020.18	12
	Facility ID: *LACoFA0014265* ***Tank ID No. | Tank Status | Tank Closure Date***: *3 | Confirmed/Updated Information | , 1 | Confirmed/Updated Information | , 2 | Confirmed/Updated Information | , 4 | Confirmed/Updated Information |*			

HHSS - Historical Hazardous Substance Storage Information Database

A search of the HHSS database, dated Aug 27, 2015 has found that there are 3 HHSS site(s) within approximately 0.25miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
PUROLATOR COURIER CORP	4201 W. IMPERIAL HWY. INGLEWOOD CA 90304	WNW	0.13 / 662.53	5
KYO BOK KIM	3954 IMPERIAL PRAIRIE INGLEWOOD CA 90303	E	0.18 / 971.46	9
UNION OIL SERVICE STATION 404	11208 SOUTH PRAIRIE EL SEGUNDO HAWTHORNE CA 90250	ENE	0.21 / 1,095.53	17

UST SWEEPS - Statewide Environmental Evaluation and Planning System

A search of the UST SWEEPS database, dated Oct 1, 1994 has found that there are 5 UST SWEEPS site(s) within approximately 0.25 miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
GARY GERMAIN	4120 W IMPERIAL HWY HAWTHORNE CA	NE	0.00 / 0.00	1
	C C* | *Status: *A19-000-13756* | *ACTIVE*			
PUROLATOR COURIER CORP	4201 W IMPERIAL HWY HAWTHORNE CA	WNW	0.13 / 662.53	5
	C C* | *Status: *A19-000-11334* | *ACTIVE*			
EXXON CO USA SS#72429	4000 W IMPERIAL HWY HAWTHORNE CA	E	0.15 / 801.65	7

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
	***C C	Status**: A19-000-11958	ACTIVE*			
SHELL SERV STA	3954 W IMPERIAL HWY INGLEWOOD CA	E	0.18 / 971.46	9
	***C C	Status**: A19-000-9465	ACTIVE*			
AIRCRAFT VALVE	11229 S PRAIRIE AVE INGLEWOOD CA	ENE	0.18 / 972.56	11
	***C C	Status**: A19-000-10263	ACTIVE*			

CERS TANK - California Environmental Reporting System (CERS) Tanks

A search of the CERS TANK database, dated Oct 28, 2024 has found that there are 1 CERS TANK site(s) within approximately 0.25 miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
MOHAMAD POURNAMDARI INC	3950 W IMPERIAL HWY HAWTHORNE CA 90303	E	0.19 / 1,020.18	12
	***Site ID**: 135922*			

HIST TANK - Historical Hazardous Substance Storage Container Information - Facility Summary

A search of the HIST TANK database, dated May 27, 1988 has found that there are 3 HIST TANK site(s) within approximately 0.25 miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
PUROLATOR COURIER CORP.	4201 W. IMPERIAL HWY. INGLEWOOD CA	WNW	0.13 / 662.53	5
EXXON SERVICE STATION	4000 W. IMPERIAL HAWTHORNE CA	E	0.15 / 801.65	7
KYO BOK KIM	3954 IMPERIAL INGLEWOOD CA	E	0.18 / 971.46	9

CLEANUP SITES - GeoTracker Cleanup Program Sites

A search of the CLEANUP SITES database, dated Jul 4, 2024 has found that there are 1 CLEANUP SITES site(s) within approximately 0.50miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
NORTHROP CORP.	PRAIRIE HAWTHORNE CA 90250	E	0.21 / 1,114.44	18
	***Global ID**: SLT43122120*			

County

CUPA LA COUNTY - Los Angeles County - CUPA Program Records

A search of the CUPA LA COUNTY database, dated Mar 25, 2020 has found that there are 15 CUPA LA COUNTY site(s) within approximately 0.25miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
T-MOBILE WEST SITE ID: LA02427A	4205 W IMPERIAL HWY HAWTHORNE CA 90250	W	0.11 / 570.23	2
LAX MAC MIDLINER	4201 W IMPERIAL HWY HAWTHORNE CA 90304	WNW	0.13 / 662.53	5
MOHAMAD PARANARNDARI INC	3950 W IMPERIAL HWY HAWTHORNE CA 90303	E	0.19 / 1,020.18	12
AT&T MOBILITY - PRAIRIE/105 FWY (USID12051)	11219 S PRAIRIE AVE INGLEWOOD CA 90304	NE	0.21 / 1,095.30	16

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
G E PLUMBING, INC.	11607 S PRAIRIE AVE HAWTHORNE CA 90250	ESE	0.17 / 915.92	8
CALIBER COLLISION CENTER	11623 S PRAIRIE AVE HAWTHORNE CA 90250	SE	0.18 / 972.35	10
CALIBER COLLISION CENTERS - HAWTHORNE	11643 S PRAIRIE AVE HAWTHORNE CA 90250	SE	0.20 / 1,042.96	14
ANGEL'S BATTERIES	11624 S PRAIRIE AVE HAWTHORNE CA 90250	ESE	0.20 / 1,066.85	15
FINANCE AUTO SALES INC	11604 S PRAIRIE AVE HAWTHORNE CA 90250	ESE	0.22 / 1,144.36	19
BIG RING MACHINE CO	11651 PRAIRIE AVE HAWTHORNE CA 90250	SE	0.22 / 1,174.48	21
A A A AUTO ELECTRIC INC	11634 S PRAIRIE ST HAWTHORNE CA 90250	ESE	0.23 / 1,217.94	23
FINANCE AUTO SALES MECHANIC SERVICE	11706 S PRAIRIE AVE HAWTHORNE CA 90250	SE	0.25 / 1,299.06	25

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
PREMIER AUTO TRANSMISSION	11706 S PRAIRIE AVE B HAWTHORNE CA 90250	SE	0.25 / 1,299.06	25
AARON BRAKE SHOP	11706 S PRAIRIE AVE D HAWTHORNE CA 90250	SE	0.25 / 1,299.06	25
MASTER AUTO REPAIR	11706 S PRAIRIE AVE A HAWTHORNE CA 90250	SE	0.25 / 1,299.06	25

HMS LA - Los Angeles County - HMS List

A search of the HMS LA database, dated Jan 16, 2024 has found that there are 7 HMS LA site(s) within approximately 0.25miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
	4120 W IMPERIAL HWY HAWTHORNE CA 90250	NE	0.00 / 0.00	1
	4201 W IMPERIAL HWY HAWTHORNE CA 90250	WNW	0.13 / 662.53	5
	4000 W IMPERIAL HWY HAWTHORNE CA 90250	E	0.15 / 801.65	7
	3954 W IMPERIAL HWY INGLEWOOD CA 90303	E	0.18 / 971.46	9
	11229 S PRAIRIE AVE INGLEWOOD CA 90303	ENE	0.18 / 972.56	11
	3950 W IMPERIAL HWY HAWTHORNE CA 903032610	E	0.19 / 1,020.18	12
	11163 S PRAIRIE AVE INGLEWOOD CA 90303	NE	0.23 / 1,224.06	24

Non Standard

Federal

FUDS - Formerly Used Defense Sites

A search of the FUDS database, dated May 15, 2023 has found that there are 1 FUDS site(s) within approximately 1.00miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
HAWTHORNE HOUSING PROJECT	INGLEWOOD CA	SW	0.34 / 1,808.03	33
	***FUDS Property No**: J09CA7379*			

ALT FUELS - Alternative Fueling Stations

A search of the ALT FUELS database, dated Aug 29, 2024 has found that there are 1 ALT FUELS site(s) within approximately 0.25 miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
Hampton Inn Los Angeles Int'l Airport Hawthorne - Tesla Destination	11430 Acacia Ave Hawthorne CA 90250	W	0.25 / 1,304.33	26
	***ID**: 113002*			

State

INSP COMP ENF - EnviroStor Inspection, Compliance, and Enforcement

A search of the INSP COMP ENF database, dated Nov 23, 2023 has found that there are 1 INSP COMP ENF site(s) within approximately 1.00miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
ALEY & L GROUP CORP	4561 W 115TH ST HAWTHORNE CA 90250	W	0.52 / 2,739.37	45

SCH - School Property Evaluation Program Sites

A search of the SCH database, dated Sep 25, 2024 has found that there are 6 SCH site(s) within approximately 1.00miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
PCSD 111TH & FREEMAN SCHOOL SITE	11044 AND 11111 SOUTH FREEMAN AVENUE LENNOX CA 90304 ***Estor/EPA ID	Cleanup Status**: 60000628	NO FURTHER ACTION AS OF 8/8/2007*	N	0.27 / 1,427.95	27
LENNOX ELEMENTARY /VIVA MARKET SCHOOL	11036 HAWTHORNE BOULEVARD LENNOX CA 90304-2316 ***Estor/EPA ID	Cleanup Status**: 19540001	NO ACTION REQUIRED AS OF 7/27/1999*	NW	0.42 / 2,212.40	38
WHALEN ELEMENTARY SCHOOL EXPANSION	104TH STREET/105TH STREET LENNOX CA 90304 ***Estor/EPA ID	Cleanup Status**: 19880081	NO FURTHER ACTION AS OF 12/27/2006*	NNE	0.77 / 4,047.93	47
JEFFERSON ELEMENTARY SCHOOL EXPANSION	10322 CONDON AVENUE LENNOX CA 90304	NW	0.99 / 5,248.64	51

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
	***Estor/EPA ID** | **Cleanup Status**: 60000695 | INACTIVE - WITHDRAWN AS OF 11/7/2011*			
JEFFERSON ELEMENTARY SCHOOL	CONDON AVENUE/CENTURY BOULEVARD LENNOX CA 90304 ***Estor/EPA ID** | **Cleanup Status**: 60000033 | INACTIVE - WITHDRAWN AS OF 2/20/2013*	NW	0.99 / 5,248.64	51

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
TODAY'S FRESH START CHARTER SCHOOL	3405 W. IMPERIAL HIGHWAY INGLEWOOD CA 90303	E	0.84 / 4,418.43	49
	***Estor/EPA ID** | **Cleanup Status**: 60000556 | NO FURTHER ACTION AS OF 6/12/2008*			

HAZNET - Handlers from Hazardous Waste Manifest Data

A search of the HAZNET database, dated Oct 24, 2016 has found that there are 1 HAZNET site(s) within approximately 0.02miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
1X GARY GERMAIN	4120 W IMPERIAL HAWTHORNE CA 902500000	NE	0.00 / 0.00	1

HIST MANIFEST - Historical Hazardous Waste Manifest Data

A search of the HIST MANIFEST database, dated Dec 31, 1992 has found that there are 1 HIST MANIFEST site(s) within approximately 0.02miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
	4120 W IMPERIAL HAWTHORNE CA 902500000	NE	0.00 / 0.00	1

DELISTED HAZ - Delisted Environmental Reporting System (CERS) Hazardous Waste Sites

A search of the DELISTED HAZ database, dated Nov 29, 2018 has found that there are 2 DELISTED HAZ site(s) within approximately 0.50miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
RAFS M&M INC. DBA D&D SERVICE	11741 S HAWTHORNE BLVD HAWTHORNE CA 90250	WSW	0.40 / 2,087.83	36
J & S AUTOMATIC TRANSMISSION	4445 W IMPERIAL HWY INGLEWOOD CA 90304	W	0.43 / 2,263.93	39

EMISSIONS - Toxic Pollutant Emissions Facilities

A search of the EMISSIONS database, dated Dec 31, 2021 has found that there are 4 EMISSIONS site(s) within approximately 0.25 miles of the project property.

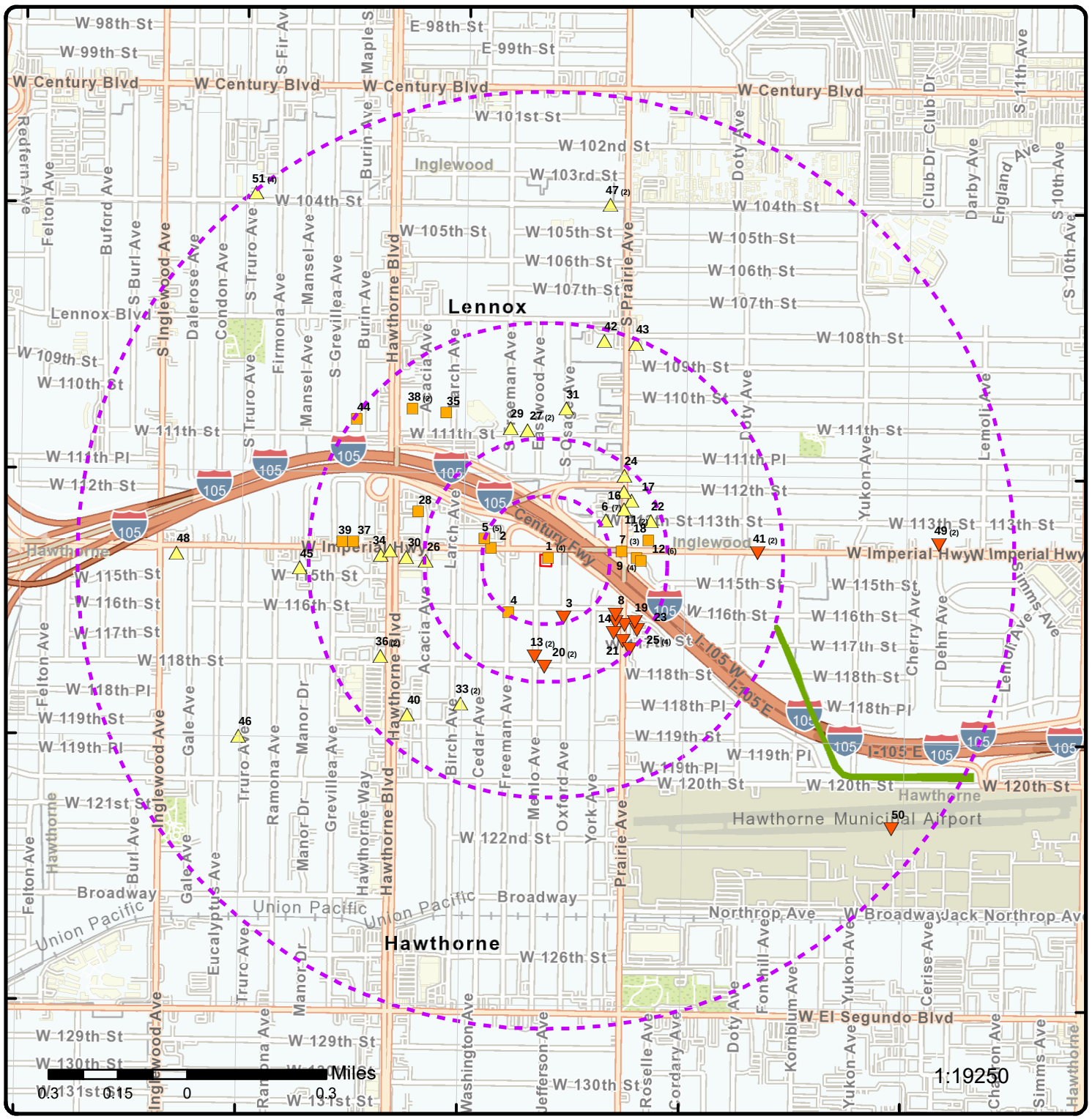
Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
MOHAMAD POURNAMDARI INC	3950 W IMPERIAL HWY INGLEWOOD CA 90303	E	0.19 / 1,020.18	12

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
HI-TECH COLLISION & GLASS CENTERS, INC.	11623 S PRAIRIE AVE HAWTHORNE CA 90250	SE	0.18 / 972.35	10
CALIBER COLLISION CENTERS	11623 S PRAIRIE AVE HAWTHORNE CA 90250	SE	0.18 / 972.35	10
HI-TECH COLLISION & PAINTING S	11623 S. PRAIRIE AVE. HAWTHORNE CA 90250	SE	0.18 / 972.35	10

PFAS SAMPLING - PFAS Sampling Locations

A search of the PFAS SAMPLING database, dated Jul 25, 2024 has found that there are 7 PFAS SAMPLING site(s) within approximately 0.50miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
	CA	ENE	0.14 / 729.13	6
	CA	ENE	0.14 / 729.13	6
	CA	ENE	0.14 / 729.13	6
	CA	ENE	0.14 / 729.13	6
	CA	ENE	0.14 / 729.13	6
	CA	ENE	0.14 / 729.13	6
	CA	ENE	0.14 / 729.13	6



Map: 1.0 Mile Radius

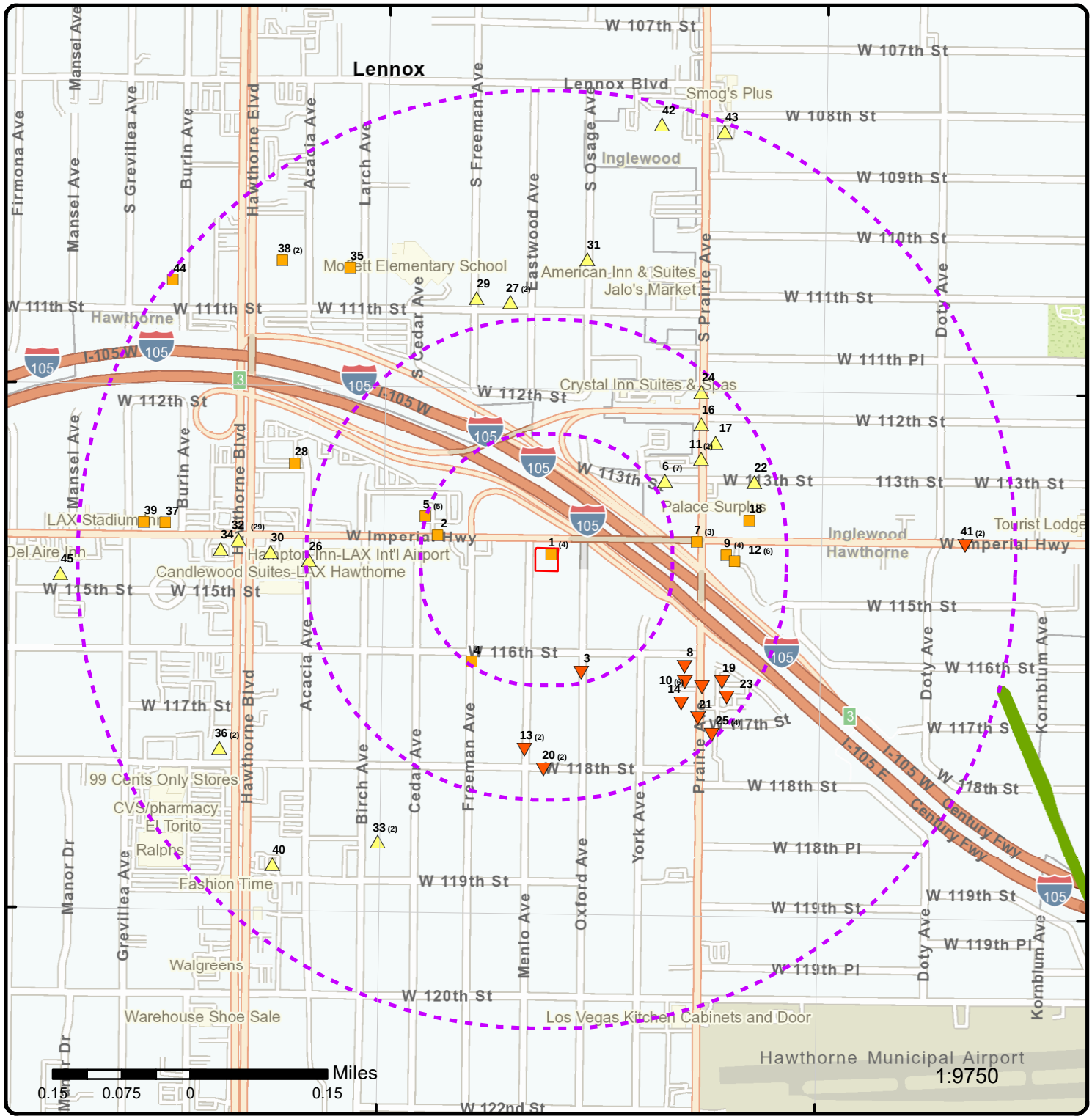
Order Number: 24111100252

Address: SE Corner Menlo Avenue and Imperial Highway, Hawthorne, CA

- Project Property
- Buffer Outline
- Sites with Higher Elevation
- Sites with Same Elevation
- Sites with Lower Elevation
- Sites with Unknown Elevation
- Areas with Higher Elevation
- Areas with Same Elevation
- Areas with Lower Elevation
- Areas with Unknown Elevation
- Freeways; Highways
- Traffic Circle; Ramp
- Major & Minor Arterial
- Traffic Circle; Ramp
- Local Road
- Rail
- State
- Country
- National Wetland
- Indian Reserve Land
- 100 Year Flood Zone
- 500 Year Flood Zone
- FWS Special Designation Areas
- National Priorities List (Active, Delisted, Proposed, Institutional Control)

Source: © 2021 ESRI StreetMap Premium

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Map: 0.5 Mile Radius

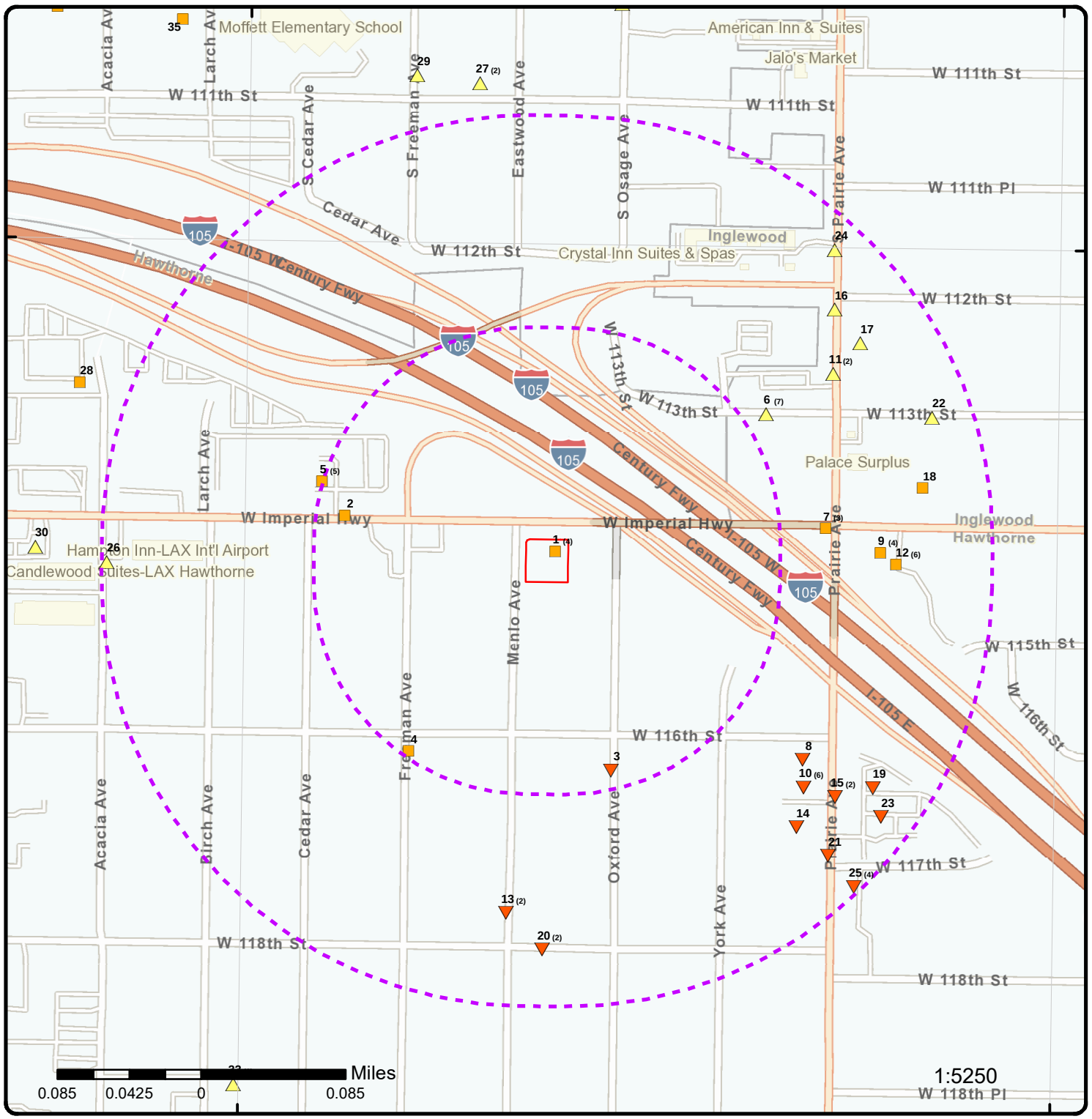
Order Number: 24111100252

Address: SE Corner Menlo Avenue and Imperial Highway, Hawthorne, CA

- Project Property
- Buffer Outline
- Sites with Higher Elevation
- Sites with Same Elevation
- Sites with Lower Elevation
- Sites with Unknown Elevation
- Areas with Higher Elevation
- Areas with Same Elevation
- Areas with Lower Elevation
- Areas with Unknown Elevation
- Freeways; Highways
- Traffic Circle; Ramp
- Major & Minor Arterial
- Traffic Circle; Ramp
- Local Road
- Rail
- State
- Country
- National Wetland
- Indian Reserve Land
- 100 Year Flood Zone
- 500 Year Flood Zone
- FWS Special Designation Areas
- National Priorities List (Active, Delisted, Proposed, Institutional Control)

Source: © 2021 ESRI StreetMap Premium

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Map: 0.25 Mile Radius

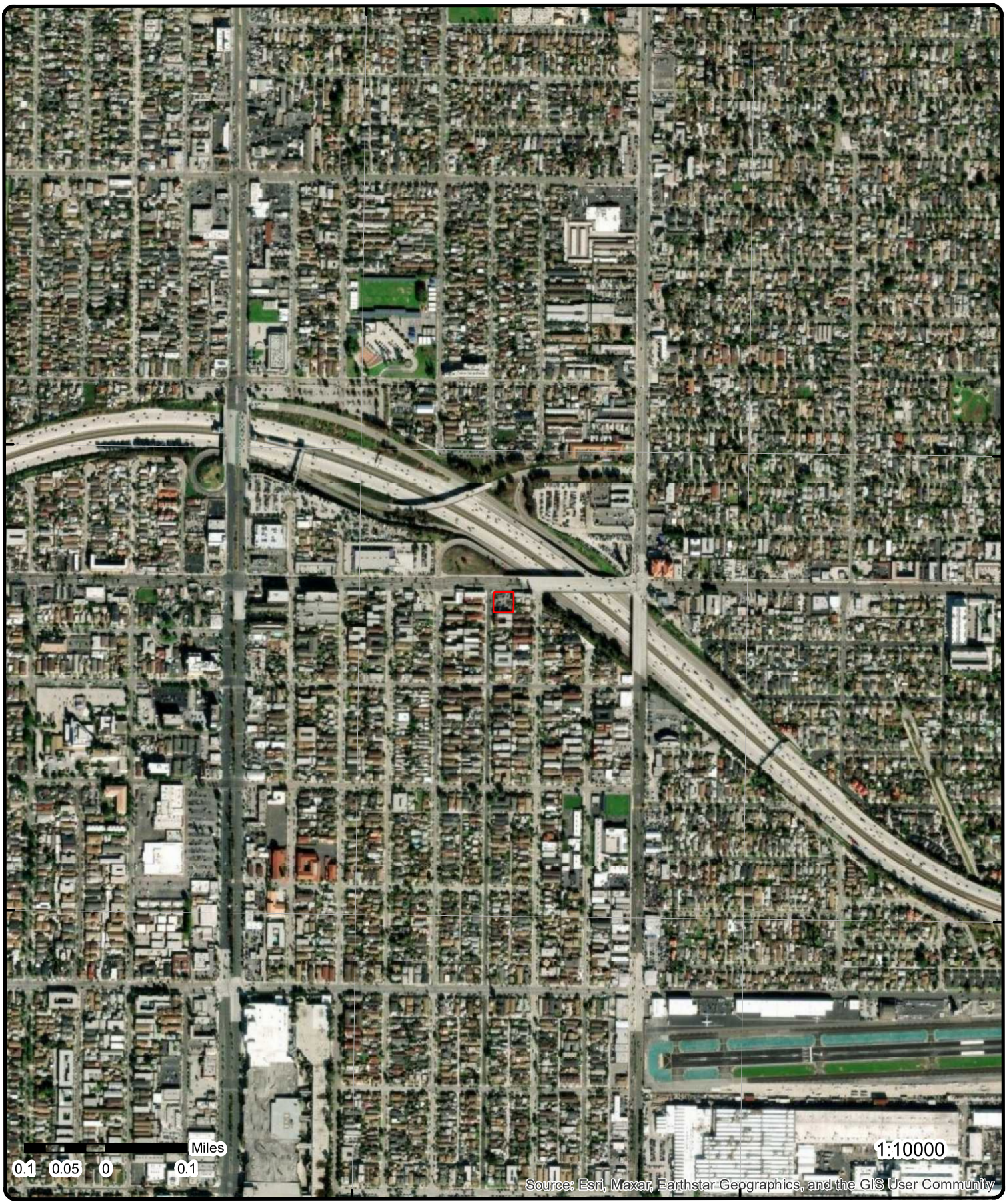
Order Number: 24111100252

Address: SE Corner Menlo Avenue and Imperial Highway, Hawthorne, CA

- Project Property
- Buffer Outline
- Sites with Higher Elevation
- Sites with Same Elevation
- Sites with Lower Elevation
- Sites with Unknown Elevation
- Areas with Higher Elevation
- Areas with Same Elevation
- Areas with Lower Elevation
- Areas with Unknown Elevation
- Freeways; Highways
- Traffic Circle; Ramp
- Major & Minor Arterial
- Traffic Circle; Ramp
- Local Road
- Rail
- State
- Country
- National Wetland
- Indian Reserve Land
- 100 Year Flood Zone
- 500 Year Flood Zone
- FWS Special Designation Areas
- National Priorities List (Active, Delisted, Proposed, Institutional Control)

Source: © 2021 ESRI StreetMap Premium

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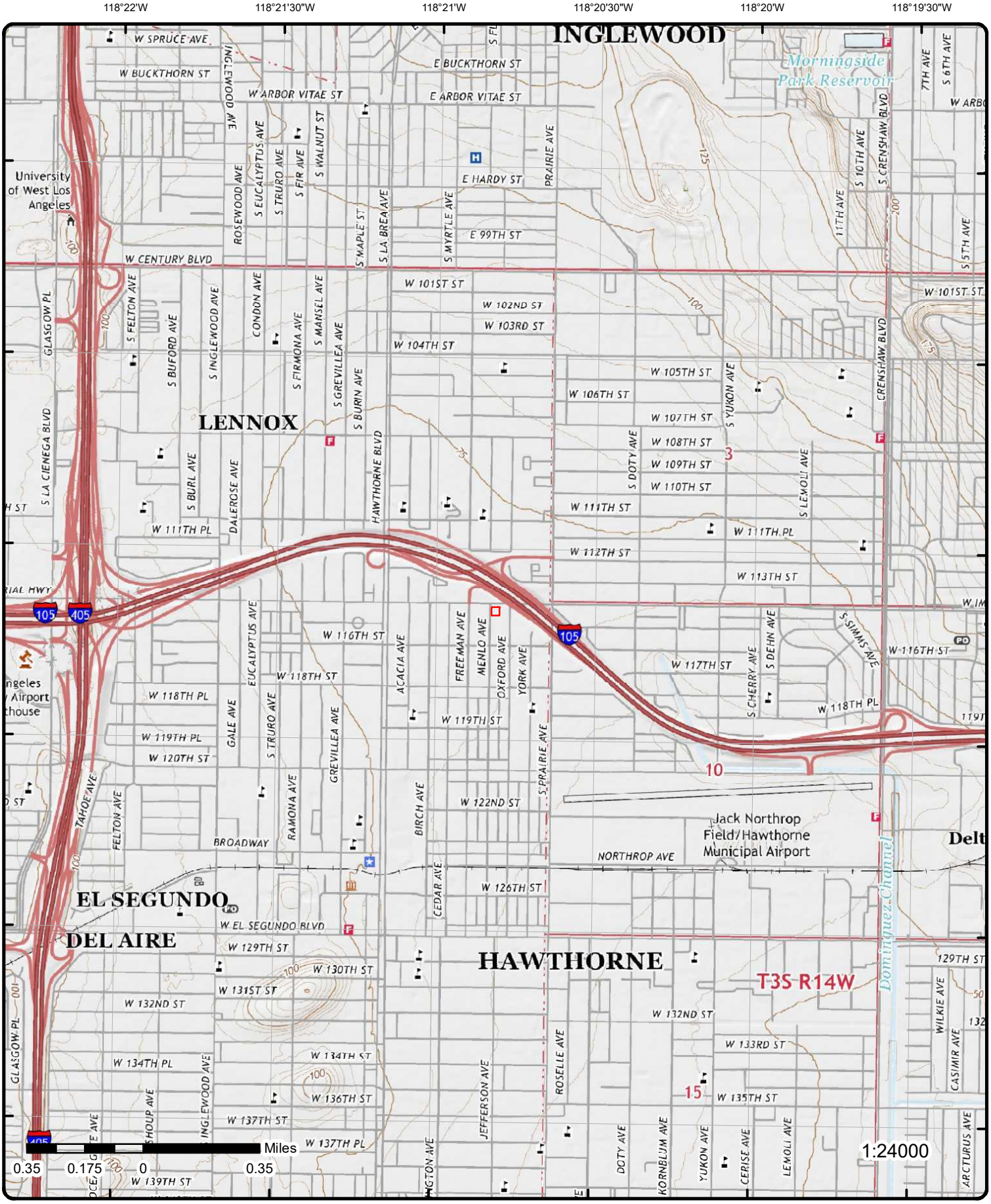
Aerial **Year: 2024**

Order Number: 24111100252

Address: SE Corner Menlo Avenue and Imperial Highway, Hawthorne, CA

Source: ESRI World Imagery

© ERIS Information Inc.



Topographic Map

Year: 2021

Order Number: 24111100252

Address: SE Corner Menlo Avenue and Imperial Highway, CA

Quadrangle(s): Venice CA, Inglewood CA

Source: USGS Topographic Map

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Detail Report

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
1	1 of 4	NE	0.00 / 0.00	71.46 / 0	4120 W IMPERIAL HWY HAWTHORNE CA 90250	HMS LA

Site No: 013410
Area: 2C

Detail Info

Permit No:
File No: 013756
File Name: GARY GERMAIN
Status: Equipment Removed
Permit Type:
Permit Status:
Permit Category:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
1	2 of 4	NE	0.00 / 0.00	71.46 / 0	1X GARY GERMAIN 4120 W IMPERIAL HAWTHORNE CA 902500000	HAZNET

SIC Code:
NAICS Code:
EPA ID: CAC000040667
Create Date: 10/5/1987
Fac Act Ind: No
Inact Date: 10/25/2000
County Code: 19
County Name: Los Angeles
Mail Name:
Mailing Addr 1: --
Mailing Addr 2:
Owner Fax:
Mailing City: HAWTHORNE
Mailing State: CA
Mailing Zip: 902500000
Region Code: 3
Owner Name: --
Owner Addr 1: --
Owner Addr 2:
Owner City: --
Owner State: 99
Owner Zip: --
Owner Phone: 0000000000
Details DTSC HWTS: The Department of Toxic Substances Control (DTSC) makes available a Waste Code Matrix showing each Waste Code, its description, and annual amounts in its Hazardous Waste Tracking System: https://hwts.dtsc.ca.gov/search
DTSC Handler Profile url: https://hwts.dtsc.ca.gov/facility/CAC000040667

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
1	3 of 4	NE	0.00 / 0.00	71.46 / 0	4120 W IMPERIAL HAWTHORNE CA 902500000	HIST MANIFEST

Gen EPA ID: CAC000040667
Create Date: 10/05/1987 0:00
Inact Date: 10/25/2000 0:00:00
Facility Mail Street: --
Facility Mail City: HAWTHORNE
Facility Mail State: CA
Facility Mail Zip: 902500000
Contact Phone(s): 2136443856
File Year(s): 1987
Contact Name(s): GARY GERMAIN

Tanner Information

State Waste Code: 221
Generator County: Los Angeles

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Year:	1987	**Tsd Epa ID:**	UTD980955256
Tons:	3.33	**Tsd County:**	
Method Code:	1		
State Waste Code Desc:	Waste oil and mixed oil		
Method Description:			

1	4 of 4	NE	0.00 / 0.00	71.46 / 0	GARY GERMAIN 4120 W IMPERIAL HWY HAWTHORNE CA	UST SWEEPS

C C:	A19-000-13756	**D Filename:**	SITE04A
BOE:		**Page No:**	287
Comp:	13756	**County:**	LOS ANGELES
Status:	ACTIVE	**State :**	CA
No of Tanks:		**Zip:**	
Jurisdict:	LOS ANGELES COUNTY	**Latitude:**	0
Agency:	WASTE MANAGEMENT DEPARTMENT	**Longitude:**	0
Phone:		**Georesult:**	N

2	1 of1	W	0.11 / 570.23	71.55 / 0	T-MOBILE WEST SITE ID: LA02427A 4205 W IMPERIAL HWY HAWTHORNE CA 90250	CUPA LA COUNTY

Facility ID:	FA0041342
CERS ID:	10293748

Inactive Facility Details

PE:	3000

3	1 of1	SSE	0.11 / 600.57	70.12 / -1	BRIAN SATO 11627 OXFORD STREET HAWTHORNE CA 90250	RCRA NON GEN

EPA Handler ID:	CAC003109473
Gen Status Universe:	No Report
Contact Name:	BRIAN SATO
Contact Address:	11627 OXFORD STREET , , HAWTHORNE , CA, 90250 ,
Contact Phone No and Ext:	714-514-7907
Contact Email:	SOCAL_REALTOR@HOTMAIL.COM
Contact Country:	
County Name:	LOS ANGELES
EPA Region:	09
Land Type:	
Receive Date:	20210310
Location Latitude:	
Location Longitude:	

Violation/Evaluation Summary

Note:	NO RECORDS: As of Apr 2024, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility:	No
Onsite Burner Exemption:	No
Furnace Exemption:	No
Underground Injection Activity:	No

Commercial TSD:	No
Used Oil Transporter:	No
Used Oil Transfer Facility:	No
Used Oil Processor:	No
Used Oil Refiner:	No
Used Oil Burner:	No
Used Oil Market Burner:	No
Used Oil Spec Marketer:	No

Hazardous Waste Handler Details

Sequence No:	1
Receive Date:	20210310
Handler Name:	BRIAN SATO
Source Type:	Implementer
Federal Waste Generator Code:	N
Generator Code Description:	Not a Generator, Verified

Owner/Operator Details

Owner/Operator Ind:	Current Owner	**Street No:**	
Type:	Other	**Street 1:**	11627 OXFORD STREET
Name:	BRIAN SATO	**Street 2:**	
Date Became Current:		**City:**	HAWTHORNE
Date Ended Current:		**State:**	CA
Phone:	714-514-7907	**Country:**	
Source Type:	Implementer	**Zip Code:**	90250
Owner/Operator Ind:	Current Operator	**Street No:**	
Type:	Other	**Street 1:**	11627 OXFORD STREET
Name:	BRIAN SATO	**Street 2:**	
Date Became Current:		**City:**	HAWTHORNE
Date Ended Current:		**State:**	CA
Phone:	714-514-7907	**Country:**	
Source Type:	Implementer	**Zip Code:**	90250

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
4	1 of1	SW	0.12 / 639.56	71.46 / 0	GIANNI NOVO 11602 FREEMAN AVE HAWTHORNE CA 90250	RCRA NON GEN

EPA Handler ID:	CAC003042660
Gen Status Universe:	No Report
Contact Name:	GIANNI NOVO
Contact Address:	11602 FREEMAN AVE , , HAWTHORNE , CA, 90250 ,
Contact Phone No and Ext:	310-490-0637
Contact Email:	NOVOGIAN66@AOL.COM
Contact Country:	
County Name:	LOS ANGELES
EPA Region:	09
Land Type:	
Receive Date:	20191111
Location Latitude:	
Location Longitude:	

Violation/Evaluation Summary

Note:	NO RECORDS: As of Apr 2024, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity:	No
Mixed Waste Generator:	No

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Transporter Activity: No
Transfer Facility: No
Onsite Burner Exemption: No
Furnace Exemption: No
Underground Injection Activity: No
Commercial TSD: No
Used Oil Transporter: No
Used Oil Transfer Facility: No
Used Oil Processor: No
Used Oil Refiner: No
Used Oil Burner: No
Used Oil Market Burner: No
Used Oil Spec Marketer: No

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 20191111
Handler Name: GIANNI NOVO
Source Type: Implementer
Federal Waste Generator Code: N
Generator Code Description: Not a Generator, Verified

Owner/Operator Details

Owner/Operator Ind: Current Operator
Type: Other
Name: GIANNI NOVO
Date Became Current:
Date Ended Current:
Phone: 310-490-0637
Source Type: Implementer
Street No:
Street 1: 11602 FREEMAN AVE
Street 2:
City: HAWTHORNE
State: CA
Country:
Zip Code: 90250

Owner/Operator Ind: Current Owner
Type: Other
Name: GIANNI NOVO
Date Became Current:
Date Ended Current:
Phone: 310-490-0637
Source Type: Implementer
Street No:
Street 1: 11602 FREEMAN AVE
Street 2:
City: HAWTHORNE
State: CA
Country:
Zip Code: 90250

5	1 of5	WNW	0.13 / 662.53	71.46 / 0	4201 W IMPERIAL HWY HAWTHORNE CA 90250	HMS LA

Site No: 011307
Area: 2C

Detail Info

Permit No:
File No: 011334
File Name: PUROLATOR COURIER CORP
Status: Equipment Removed
Permit Type:
Permit Status:
Permit Category:

5	2 of5	WNW	0.13 / 662.53	71.46 / 0	PUROLATOR COURIER CORP 4201 W. IMPERIAL HWY. INGLEWOOD CA 90304	HHSS

County: Los Angeles
Tank Details Microfiche: http://geotracker.waterboards.ca.gov/ustpdfs/pdf/00028605.pdf

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
5	3 of5	WNW	0.13 / 662.53	71.46 / 0	PUROLATOR COURIER CORP. 4201 W. IMPERIAL HWY. INGLEWOOD CA	HIST TANK

Owner Name: W.T. DOLMAN & GLORIETTA CORP.
Owner Street: 521 NO. ONTARE RD.
Owner City: SANTA BARBARA
Owner State: CA
Owner Zip: 93105
No of Containers: 2
County: LOS ANGELES
Facility State: CA
Facility Zip: 90304

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
5	4 of5	WNW	0.13 / 662.53	71.46 / 0	LAX MAC MIDLINER 4201 W IMPERIAL HWY HAWTHORNE CA 90304	CUPA LA COUNTY

Facility ID: FA0014241
CERS ID: 0

Inactive Facility Details

PE: 1002

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
5	5 of5	WNW	0.13 / 662.53	71.46 / 0	PUROLATOR COURIER CORP 4201 W IMPERIAL HWY HAWTHORNE CA	UST SWEEPS

C C: A19-000-11334
BOE:
Comp: 11334
Status: ACTIVE
No of Tanks:
Jurisdict: LOS ANGELES COUNTY
Agency: WASTE MANAGEMENT DEPARTMENT
Phone:
D Filename: SITE04A
Page No: 287
County: LOS ANGELES
State : CA
Zip:
Latitude: 0
Longitude: 0
Georesult: N

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
6	1 of7	ENE	0.14 / 729.13	72.46 / 1 CA		PFAS SAMPLING

Global ID: 102141
Location ID: 102141
Status:
Site Use: GAMA - Water Replenishment District
Site Type: GAMA - Water Replenishment District
Public Water System Name:
Facility Type:
Latitude: 33.931900179
Longitude: -118.344622174
Field Pt Class: WSW

PFAS Chemicals

Sample ID:
Matrix: Liquid
Chemical: PFTEDA
Analytical Method Cd:
Qualifier: <
Value: 0
Chemical Name: Perfluorotetradecanoic acid
Regional Board:
Treated Drinking Water Dt:
Treated Drinking Water Qualifi:
Treated Drinking Water Reporti:
Treatd Drinking Water Sample:
Treated Drinking Water Units:
Lab Notes:
Reporting Limit: 2
Detection Limit:
QRAA: 0
Units: NG/L
Date: 8/20/2020

Treated Drinking Water Value:

Sample ID: ***Lab Notes:***
Matrix: Liquid ***Reporting Limit:*** 2
Chemical: PFDOA ***Detection Limit:***
Analytical Method Cd: ***QRAA:*** 0
Qualifier: < ***Units:*** NG/L
Value: 0 ***Date:*** 4/23/2020
Chemical Name: Perfluorododecanoic acid
Regional Board:
Treated Drinking Water Dt:
Treated Drinking Water Qualifi:
Treated Drinking Water Reporti:
Treatd Drinking Water Sample:
Treated Drinking Water Units:
Treated Drinking Water Value:

Sample ID: ***Lab Notes:***
Matrix: Liquid ***Reporting Limit:*** 2
Chemical: PFUNDCA ***Detection Limit:***
Analytical Method Cd: ***QRAA:*** 0
Qualifier: < ***Units:*** NG/L
Value: 0 ***Date:*** 4/23/2020
Chemical Name: Perfluoroundecanoic acid
Regional Board:
Treated Drinking Water Dt:
Treated Drinking Water Qualifi:
Treated Drinking Water Reporti:
Treatd Drinking Water Sample:
Treated Drinking Water Units:
Treated Drinking Water Value:

Sample ID: ***Lab Notes:***
Matrix: Liquid ***Reporting Limit:*** 2
Chemical: PFHPA ***Detection Limit:***
Analytical Method Cd: ***QRAA:*** 0
Qualifier: < ***Units:*** NG/L
Value: 0 ***Date:*** 4/23/2020
Chemical Name: Perfluoroheptanoic acid
Regional Board:
Treated Drinking Water Dt:
Treated Drinking Water Qualifi:
Treated Drinking Water Reporti:
Treatd Drinking Water Sample:
Treated Drinking Water Units:
Treated Drinking Water Value:

Sample ID: ***Lab Notes:***
Matrix: Liquid ***Reporting Limit:*** 2
Chemical: 9ClPF3ONS ***Detection Limit:***
Analytical Method Cd: ***QRAA:*** 0
Qualifier: < ***Units:*** NG/L
Value: 0 ***Date:*** 8/20/2020
Chemical Name: 9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid
Regional Board:
Treated Drinking Water Dt:
Treated Drinking Water Qualifi:
Treated Drinking Water Reporti:
Treatd Drinking Water Sample:
Treated Drinking Water Units:
Treated Drinking Water Value:

Sample ID: ***Lab Notes:***
Matrix: Liquid ***Reporting Limit:*** 2
Chemical: PFBSA ***Detection Limit:***
Analytical Method Cd: ***QRAA:*** 0
Qualifier: < ***Units:*** NG/L
Value: 0 ***Date:*** 8/20/2020
Chemical Name: Perfluorobutanesulfonic acid

Regional Board:
Treated Drinking Water Dt:
Treated Drinking Water Qualifi:
Treated Drinking Water Reporti:
Treatd Drinking Water Sample:
Treated Drinking Water Units:
Treated Drinking Water Value:

Sample ID: ***Lab Notes:***
Matrix: Liquid ***Reporting Limit:*** 2
Chemical: PFOS ***Detection Limit:***
Analytical Method Cd: ***QRAA:*** 0
Qualifier: < ***Units:*** NG/L
Value: 0 ***Date:*** 4/23/2020
Chemical Name: Perfluorooctane sulfonic acid (PFOS)
Regional Board:
Treated Drinking Water Dt:
Treated Drinking Water Qualifi:
Treated Drinking Water Reporti:
Treatd Drinking Water Sample:
Treated Drinking Water Units:
Treated Drinking Water Value:

Sample ID: ***Lab Notes:***
Matrix: Liquid ***Reporting Limit:*** 2
Chemical: PFOA ***Detection Limit:***
Analytical Method Cd: ***QRAA:*** 0
Qualifier: < ***Units:*** NG/L
Value: 0 ***Date:*** 8/20/2020
Chemical Name: Perfluorooctanoic acid
Regional Board:
Treated Drinking Water Dt:
Treated Drinking Water Qualifi:
Treated Drinking Water Reporti:
Treatd Drinking Water Sample:
Treated Drinking Water Units:
Treated Drinking Water Value:

Sample ID: ***Lab Notes:***
Matrix: Liquid ***Reporting Limit:*** 2
Chemical: PFHPA ***Detection Limit:***
Analytical Method Cd: ***QRAA:*** 0
Qualifier: < ***Units:*** NG/L
Value: 0 ***Date:*** 8/20/2020
Chemical Name: Perfluoroheptanoic acid
Regional Board:
Treated Drinking Water Dt:
Treated Drinking Water Qualifi:
Treated Drinking Water Reporti:
Treatd Drinking Water Sample:
Treated Drinking Water Units:
Treated Drinking Water Value:

Sample ID: ***Lab Notes:***
Matrix: Liquid ***Reporting Limit:*** 2
Chemical: PFNA ***Detection Limit:***
Analytical Method Cd: ***QRAA:*** 0
Qualifier: < ***Units:*** NG/L
Value: 0 ***Date:*** 8/20/2020
Chemical Name: Perfluorononanoic acid
Regional Board:
Treated Drinking Water Dt:
Treated Drinking Water Qualifi:
Treated Drinking Water Reporti:
Treatd Drinking Water Sample:
Treated Drinking Water Units:
Treated Drinking Water Value:

Sample ID: ***Lab Notes:***

Matrix: Liquid
Chemical: HFPA-DA
Analytical Method Cd:
Qualifier: <
Value: 0
Chemical Name: 2,3,3,3-tetrafluoro-2-(1,1,2,2,3,3,3-heptafluoropropoxy) propanoic acid
Regional Board:
Treated Drinking Water Dt:
Treated Drinking Water Qualifi:
Treated Drinking Water Reporti:
Treatd Drinking Water Sample:
Treated Drinking Water Units:
Treated Drinking Water Value:
Reporting Limit: 5
Detection Limit:
QRAA: 0
Units: NG/L
Date: 4/23/2020

Sample ID:
Matrix: Liquid
Chemical: PFTEDA
Analytical Method Cd:
Qualifier: <
Value: 0
Chemical Name: Perfluorotetradecanoic acid
Regional Board:
Treated Drinking Water Dt:
Treated Drinking Water Qualifi:
Treated Drinking Water Reporti:
Treatd Drinking Water Sample:
Treated Drinking Water Units:
Treated Drinking Water Value:
Lab Notes:
Reporting Limit: 2
Detection Limit:
QRAA: 0
Units: NG/L
Date: 4/23/2020

Sample ID:
Matrix: Liquid
Chemical: NMEFOSAA
Analytical Method Cd:
Qualifier: <
Value: 0
Chemical Name: N-Methyl perfluorooctane sulfonamidoacetic acid
Regional Board:
Treated Drinking Water Dt:
Treated Drinking Water Qualifi:
Treated Drinking Water Reporti:
Treatd Drinking Water Sample:
Treated Drinking Water Units:
Treated Drinking Water Value:
Lab Notes:
Reporting Limit: 2
Detection Limit:
QRAA: 0
Units: NG/L
Date: 4/23/2020

Sample ID:
Matrix: Liquid
Chemical: PFTRIDA
Analytical Method Cd:
Qualifier: <
Value: 0
Chemical Name: Perfluorotridecanoic acid
Regional Board:
Treated Drinking Water Dt:
Treated Drinking Water Qualifi:
Treated Drinking Water Reporti:
Treatd Drinking Water Sample:
Treated Drinking Water Units:
Treated Drinking Water Value:
Lab Notes:
Reporting Limit: 2
Detection Limit:
QRAA: 0
Units: NG/L
Date: 8/20/2020

Sample ID:
Matrix: Liquid
Chemical: PFNA
Analytical Method Cd:
Qualifier: <
Value: 0
Chemical Name: Perfluorononanoic acid
Regional Board:
Treated Drinking Water Dt:
Treated Drinking Water Qualifi:
Lab Notes:
Reporting Limit: 2
Detection Limit:
QRAA: 0
Units: NG/L
Date: 4/23/2020

Treated Drinking Water Reporti:
Treatd Drinking Water Sample:
Treated Drinking Water Units:
Treated Drinking Water Value:

Sample ID: ***Lab Notes:***
Matrix: Liquid ***Reporting Limit:*** 2
Chemical: PFHA ***Detection Limit:***
Analytical Method Cd: ***QRAA:*** 0
Qualifier: < ***Units:*** NG/L
Value: 0 ***Date:*** 4/23/2020
Chemical Name: Perfluorohexanoic acid
Regional Board:
Treated Drinking Water Dt:
Treated Drinking Water Qualifi:
Treated Drinking Water Reporti:
Treatd Drinking Water Sample:
Treated Drinking Water Units:
Treated Drinking Water Value:

Sample ID: ***Lab Notes:***
Matrix: Liquid ***Reporting Limit:*** 2
Chemical: PFOS ***Detection Limit:***
Analytical Method Cd: ***QRAA:*** 0
Qualifier: < ***Units:*** NG/L
Value: 0 ***Date:*** 8/20/2020
Chemical Name: Perfluorooctane sulfonic acid (PFOS)
Regional Board:
Treated Drinking Water Dt:
Treated Drinking Water Qualifi:
Treated Drinking Water Reporti:
Treatd Drinking Water Sample:
Treated Drinking Water Units:
Treated Drinking Water Value:

Sample ID: ***Lab Notes:***
Matrix: Liquid ***Reporting Limit:*** 2
Chemical: PFHXSA ***Detection Limit:***
Analytical Method Cd: ***QRAA:*** 0
Qualifier: < ***Units:*** NG/L
Value: 0 ***Date:*** 8/20/2020
Chemical Name: Perfluorohexanesulfonic acid
Regional Board:
Treated Drinking Water Dt:
Treated Drinking Water Qualifi:
Treated Drinking Water Reporti:
Treatd Drinking Water Sample:
Treated Drinking Water Units:
Treated Drinking Water Value:

Sample ID: ***Lab Notes:***
Matrix: Liquid ***Reporting Limit:*** 2
Chemical: PFHA ***Detection Limit:***
Analytical Method Cd: ***QRAA:*** 0
Qualifier: < ***Units:*** NG/L
Value: 0 ***Date:*** 8/20/2020
Chemical Name: Perfluorohexanoic acid
Regional Board:
Treated Drinking Water Dt:
Treated Drinking Water Qualifi:
Treated Drinking Water Reporti:
Treatd Drinking Water Sample:
Treated Drinking Water Units:
Treated Drinking Water Value:

Sample ID: ***Lab Notes:***
Matrix: Liquid ***Reporting Limit:*** 2
Chemical: PFNDCA ***Detection Limit:***
Analytical Method Cd: ***QRAA:*** 0

Qualifier: < ***Units:*** NG/L
Value: 0 ***Date:*** 4/23/2020
Chemical Name: Perfluorodecanoic acid
Regional Board:
Treated Drinking Water Dt:
Treated Drinking Water Qualifi:
Treated Drinking Water Reporti:
Treatd Drinking Water Sample:
Treated Drinking Water Units:
Treated Drinking Water Value:

Sample ID: ***Lab Notes:***
Matrix: Liquid ***Reporting Limit:*** 2
Chemical: PFDOA ***Detection Limit:***
Analytical Method Cd: ***QRAA:*** 0
Qualifier: < ***Units:*** NG/L
Value: 0 ***Date:*** 8/20/2020
Chemical Name: Perfluorododecanoic acid
Regional Board:
Treated Drinking Water Dt:
Treated Drinking Water Qualifi:
Treated Drinking Water Reporti:
Treatd Drinking Water Sample:
Treated Drinking Water Units:
Treated Drinking Water Value:

Sample ID: ***Lab Notes:***
Matrix: Liquid ***Reporting Limit:*** 5
Chemical: HFPA-DA ***Detection Limit:***
Analytical Method Cd: ***QRAA:*** 0
Qualifier: < ***Units:*** NG/L
Value: 0 ***Date:*** 8/20/2020
Chemical Name: 2,3,3,3-tetrafluoro-2-(1,1,2,2,3,3,3-heptafluoropropoxy) propanoic acid
Regional Board:
Treated Drinking Water Dt:
Treated Drinking Water Qualifi:
Treated Drinking Water Reporti:
Treatd Drinking Water Sample:
Treated Drinking Water Units:
Treated Drinking Water Value:

Sample ID: ***Lab Notes:***
Matrix: Liquid ***Reporting Limit:*** 2
Chemical: 11ClPF3OUDS ***Detection Limit:***
Analytical Method Cd: ***QRAA:*** 0
Qualifier: < ***Units:*** NG/L
Value: 0 ***Date:*** 4/23/2020
Chemical Name: 11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid
Regional Board:
Treated Drinking Water Dt:
Treated Drinking Water Qualifi:
Treated Drinking Water Reporti:
Treatd Drinking Water Sample:
Treated Drinking Water Units:
Treated Drinking Water Value:

Sample ID: ***Lab Notes:***
Matrix: Liquid ***Reporting Limit:*** 2
Chemical: 9ClPF3ONS ***Detection Limit:***
Analytical Method Cd: ***QRAA:*** 0
Qualifier: < ***Units:*** NG/L
Value: 0 ***Date:*** 4/23/2020
Chemical Name: 9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid
Regional Board:
Treated Drinking Water Dt:
Treated Drinking Water Qualifi:
Treated Drinking Water Reporti:
Treatd Drinking Water Sample:
Treated Drinking Water Units:

Treated Drinking Water Value:

Sample ID: ***Lab Notes:***
Matrix: Liquid ***Reporting Limit:*** 2
Chemical: 11ClPF3OUDS ***Detection Limit:***
Analytical Method Cd: ***QRAA:*** 0
Qualifier: < ***Units:*** NG/L
Value: 0 ***Date:*** 8/20/2020
Chemical Name: 11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid
Regional Board:
Treated Drinking Water Dt:
Treated Drinking Water Qualifi:
Treated Drinking Water Reporti:
Treatd Drinking Water Sample:
Treated Drinking Water Units:
Treated Drinking Water Value:

Sample ID: ***Lab Notes:***
Matrix: Liquid ***Reporting Limit:*** 2
Chemical: PFBSA ***Detection Limit:***
Analytical Method Cd: ***QRAA:*** 0
Qualifier: < ***Units:*** NG/L
Value: 0 ***Date:*** 4/23/2020
Chemical Name: Perfluorobutanesulfonic acid
Regional Board:
Treated Drinking Water Dt:
Treated Drinking Water Qualifi:
Treated Drinking Water Reporti:
Treatd Drinking Water Sample:
Treated Drinking Water Units:
Treated Drinking Water Value:

Sample ID: ***Lab Notes:***
Matrix: Liquid ***Reporting Limit:*** 2
Chemical: PFUNDCA ***Detection Limit:***
Analytical Method Cd: ***QRAA:*** 0
Qualifier: < ***Units:*** NG/L
Value: 0 ***Date:*** 8/20/2020
Chemical Name: Perfluoroundecanoic acid
Regional Board:
Treated Drinking Water Dt:
Treated Drinking Water Qualifi:
Treated Drinking Water Reporti:
Treatd Drinking Water Sample:
Treated Drinking Water Units:
Treated Drinking Water Value:

Sample ID: ***Lab Notes:***
Matrix: Liquid ***Reporting Limit:*** 2
Chemical: PFNDCA ***Detection Limit:***
Analytical Method Cd: ***QRAA:*** 0
Qualifier: < ***Units:*** NG/L
Value: 0 ***Date:*** 8/20/2020
Chemical Name: Perfluorodecanoic acid
Regional Board:
Treated Drinking Water Dt:
Treated Drinking Water Qualifi:
Treated Drinking Water Reporti:
Treatd Drinking Water Sample:
Treated Drinking Water Units:
Treated Drinking Water Value:

Sample ID: ***Lab Notes:***
Matrix: Liquid ***Reporting Limit:*** 2
Chemical: PFHXSA ***Detection Limit:***
Analytical Method Cd: ***QRAA:*** 0
Qualifier: < ***Units:*** NG/L
Value: 0 ***Date:*** 4/23/2020
Chemical Name: Perfluorohexanesulfonic acid

Regional Board:
Treated Drinking Water Dt:
Treated Drinking Water Qualifi:
Treated Drinking Water Reporti:
Treatd Drinking Water Sample:
Treated Drinking Water Units:
Treated Drinking Water Value:

Sample ID: ***Lab Notes:***
Matrix: Liquid ***Reporting Limit:*** 2
Chemical: NETFOSAA ***Detection Limit:***
Analytical Method Cd: ***QRAA:*** 0
Qualifier: < ***Units:*** NG/L
Value: 0 ***Date:*** 4/23/2020
Chemical Name: N-Ethyl perfluorooctane sulfonamidoacetic acid
Regional Board:
Treated Drinking Water Dt:
Treated Drinking Water Qualifi:
Treated Drinking Water Reporti:
Treatd Drinking Water Sample:
Treated Drinking Water Units:
Treated Drinking Water Value:

Sample ID: ***Lab Notes:***
Matrix: Liquid ***Reporting Limit:*** 2
Chemical: ADONA ***Detection Limit:***
Analytical Method Cd: ***QRAA:*** 0
Qualifier: < ***Units:*** NG/L
Value: 0 ***Date:*** 4/23/2020
Chemical Name: 4,8-Dioxa-3H-perfluorononanoic acid
Regional Board:
Treated Drinking Water Dt:
Treated Drinking Water Qualifi:
Treated Drinking Water Reporti:
Treatd Drinking Water Sample:
Treated Drinking Water Units:
Treated Drinking Water Value:

Sample ID: ***Lab Notes:***
Matrix: Liquid ***Reporting Limit:*** 2
Chemical: NMEFOSAA ***Detection Limit:***
Analytical Method Cd: ***QRAA:*** 0
Qualifier: < ***Units:*** NG/L
Value: 0 ***Date:*** 8/20/2020
Chemical Name: N-Methyl perfluorooctane sulfonamidoacetic acid
Regional Board:
Treated Drinking Water Dt:
Treated Drinking Water Qualifi:
Treated Drinking Water Reporti:
Treatd Drinking Water Sample:
Treated Drinking Water Units:
Treated Drinking Water Value:

Sample ID: ***Lab Notes:***
Matrix: Liquid ***Reporting Limit:*** 2
Chemical: NETFOSAA ***Detection Limit:***
Analytical Method Cd: ***QRAA:*** 0
Qualifier: < ***Units:*** NG/L
Value: 0 ***Date:*** 8/20/2020
Chemical Name: N-Ethyl perfluorooctane sulfonamidoacetic acid
Regional Board:
Treated Drinking Water Dt:
Treated Drinking Water Qualifi:
Treated Drinking Water Reporti:
Treatd Drinking Water Sample:
Treated Drinking Water Units:
Treated Drinking Water Value:

Sample ID: ***Lab Notes:***

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Matrix:	Liquid	**Reporting Limit:**	2
Chemical:	PFOA	**Detection Limit:**	
Analytical Method Cd:		**QRAA:**	0
Qualifier:	<	**Units:**	NG/L
Value:	0	**Date:**	4/23/2020
Chemical Name:	Perfluorooctanoic acid		
Regional Board:			
Treated Drinking Water Dt:			
Treated Drinking Water Qualifi:			
Treated Drinking Water Reporti:			
Treatd Drinking Water Sample:			
Treated Drinking Water Units:			
Treated Drinking Water Value:			

Sample ID:		**Lab Notes:**	
Matrix:	Liquid	**Reporting Limit:**	2
Chemical:	ADONA	**Detection Limit:**	
Analytical Method Cd:		**QRAA:**	0
Qualifier:	<	**Units:**	NG/L
Value:	0	**Date:**	8/20/2020
Chemical Name:	4,8-Dioxa-3H-perfluorononanoic acid		
Regional Board:			
Treated Drinking Water Dt:			
Treated Drinking Water Qualifi:			
Treated Drinking Water Reporti:			
Treatd Drinking Water Sample:			
Treated Drinking Water Units:			
Treated Drinking Water Value:			

Sample ID:		**Lab Notes:**	
Matrix:	Liquid	**Reporting Limit:**	2
Chemical:	PFTRIDA	**Detection Limit:**	
Analytical Method Cd:		**QRAA:**	0
Qualifier:	<	**Units:**	NG/L
Value:	0	**Date:**	4/23/2020
Chemical Name:	Perfluorotridecanoic acid		
Regional Board:			
Treated Drinking Water Dt:			
Treated Drinking Water Qualifi:			
Treated Drinking Water Reporti:			
Treatd Drinking Water Sample:			
Treated Drinking Water Units:			
Treated Drinking Water Value:			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
6	2 of7	ENE	0.14 / 729.13	72.46 / 1	CA	PFAS SAMPLING

Global ID:	102142	**Facility Type:**	
Location ID:	102142	**Latitude:**	33.931900179
Status:		**Longitude:**	-118.344622174
Site Use:	GAMA - Water Replenishment District	**Field Pt Class:**	WSW
Site Type:	GAMA - Water Replenishment District		
Public Water System Name:			

PFAS Chemicals

Sample ID:		**Lab Notes:**	
Matrix:	Liquid	**Reporting Limit:**	2
Chemical:	NMEFOSAA	**Detection Limit:**	
Analytical Method Cd:		**QRAA:**	0
Qualifier:	<	**Units:**	NG/L
Value:	0	**Date:**	4/23/2020
Chemical Name:	N-Methyl perfluorooctane sulfonamidoacetic acid		
Regional Board:			
Treated Drinking Water Dt:			
Treated Drinking Water Qualifi:			

Treated Drinking Water Reporti:
Treatd Drinking Water Sample:
Treated Drinking Water Units:
Treated Drinking Water Value:

Sample ID: ***Lab Notes:***
Matrix: Liquid ***Reporting Limit:*** 2
Chemical: PFOA ***Detection Limit:***
Analytical Method Cd: ***QRAA:*** 0
Qualifier: < ***Units:*** NG/L
Value: 0 ***Date:*** 8/20/2020
Chemical Name: Perfluorooctanoic acid
Regional Board:
Treated Drinking Water Dt:
Treated Drinking Water Qualifi:
Treated Drinking Water Reporti:
Treatd Drinking Water Sample:
Treated Drinking Water Units:
Treated Drinking Water Value:

Sample ID: ***Lab Notes:***
Matrix: Liquid ***Reporting Limit:*** 2
Chemical: PFBSA ***Detection Limit:***
Analytical Method Cd: ***QRAA:*** 0
Qualifier: < ***Units:*** NG/L
Value: 0 ***Date:*** 4/23/2020
Chemical Name: Perfluorobutanesulfonic acid
Regional Board:
Treated Drinking Water Dt:
Treated Drinking Water Qualifi:
Treated Drinking Water Reporti:
Treatd Drinking Water Sample:
Treated Drinking Water Units:
Treated Drinking Water Value:

Sample ID: ***Lab Notes:***
Matrix: Liquid ***Reporting Limit:*** 2
Chemical: PFHA ***Detection Limit:***
Analytical Method Cd: ***QRAA:*** 0
Qualifier: = ***Units:*** NG/L
Value: 4.8 ***Date:*** 8/20/2020
Chemical Name: Perfluorohexanoic acid
Regional Board:
Treated Drinking Water Dt:
Treated Drinking Water Qualifi:
Treated Drinking Water Reporti:
Treatd Drinking Water Sample:
Treated Drinking Water Units:
Treated Drinking Water Value:

Sample ID: ***Lab Notes:***
Matrix: Liquid ***Reporting Limit:*** 2
Chemical: PFTEDA ***Detection Limit:***
Analytical Method Cd: ***QRAA:*** 0
Qualifier: < ***Units:*** NG/L
Value: 0 ***Date:*** 4/23/2020
Chemical Name: Perfluorotetradecanoic acid
Regional Board:
Treated Drinking Water Dt:
Treated Drinking Water Qualifi:
Treated Drinking Water Reporti:
Treatd Drinking Water Sample:
Treated Drinking Water Units:
Treated Drinking Water Value:

Sample ID: ***Lab Notes:***
Matrix: Liquid ***Reporting Limit:*** 2
Chemical: PFUNDCA ***Detection Limit:***
Analytical Method Cd: ***QRAA:*** 0

Qualifier: <
Value: 0
Units: NG/L
Date: 4/23/2020
Chemical Name: Perfluoroundecanoic acid
Regional Board:
Treated Drinking Water Dt:
Treated Drinking Water Qualifi:
Treated Drinking Water Reporti:
Treatd Drinking Water Sample:
Treated Drinking Water Units:
Treated Drinking Water Value:

Sample ID:
Matrix: Liquid
Chemical: NETFOSAA
Analytical Method Cd:
Qualifier: <
Value: 0
Lab Notes:
Reporting Limit: 2
Detection Limit:
QRAA: 0
Units: NG/L
Date: 4/23/2020
Chemical Name: N-Ethyl perfluorooctane sulfonamidoacetic acid
Regional Board:
Treated Drinking Water Dt:
Treated Drinking Water Qualifi:
Treated Drinking Water Reporti:
Treatd Drinking Water Sample:
Treated Drinking Water Units:
Treated Drinking Water Value:

Sample ID:
Matrix: Liquid
Chemical: PFHXSA
Analytical Method Cd:
Qualifier: <
Value: 0
Lab Notes:
Reporting Limit: 2
Detection Limit:
QRAA: 0
Units: NG/L
Date: 8/20/2020
Chemical Name: Perfluorohexanesulfonic acid
Regional Board:
Treated Drinking Water Dt:
Treated Drinking Water Qualifi:
Treated Drinking Water Reporti:
Treatd Drinking Water Sample:
Treated Drinking Water Units:
Treated Drinking Water Value:

Sample ID:
Matrix: Liquid
Chemical: PFTEDA
Analytical Method Cd:
Qualifier: <
Value: 0
Lab Notes:
Reporting Limit: 2
Detection Limit:
QRAA: 0
Units: NG/L
Date: 8/20/2020
Chemical Name: Perfluorotetradecanoic acid
Regional Board:
Treated Drinking Water Dt:
Treated Drinking Water Qualifi:
Treated Drinking Water Reporti:
Treatd Drinking Water Sample:
Treated Drinking Water Units:
Treated Drinking Water Value:

Sample ID:
Matrix: Liquid
Chemical: HFPA-DA
Analytical Method Cd:
Qualifier: <
Value: 0
Lab Notes:
Reporting Limit: 5
Detection Limit:
QRAA: 0
Units: NG/L
Date: 4/23/2020
Chemical Name: 2,3,3,3-tetrafluoro-2-(1,1,2,2,3,3,3-heptafluoropropoxy) propanoic acid
Regional Board:
Treated Drinking Water Dt:
Treated Drinking Water Qualifi:
Treated Drinking Water Reporti:
Treatd Drinking Water Sample:
Treated Drinking Water Units:

Treated Drinking Water Value:

Sample ID: ***Lab Notes:***
Matrix: Liquid ***Reporting Limit:*** 2
Chemical: PFNDCA ***Detection Limit:***
Analytical Method Cd: ***QRAA:*** 0
Qualifier: < ***Units:*** NG/L
Value: 0 ***Date:*** 8/20/2020
Chemical Name: Perfluorodecanoic acid
Regional Board:
Treated Drinking Water Dt:
Treated Drinking Water Qualifi:
Treated Drinking Water Reporti:
Treatd Drinking Water Sample:
Treated Drinking Water Units:
Treated Drinking Water Value:

Sample ID: ***Lab Notes:***
Matrix: Liquid ***Reporting Limit:*** 2
Chemical: ADONA ***Detection Limit:***
Analytical Method Cd: ***QRAA:*** 0
Qualifier: < ***Units:*** NG/L
Value: 0 ***Date:*** 4/23/2020
Chemical Name: 4,8-Dioxa-3H-perfluorononanoic acid
Regional Board:
Treated Drinking Water Dt:
Treated Drinking Water Qualifi:
Treated Drinking Water Reporti:
Treatd Drinking Water Sample:
Treated Drinking Water Units:
Treated Drinking Water Value:

Sample ID: ***Lab Notes:***
Matrix: Liquid ***Reporting Limit:*** 2
Chemical: PFTRIDA ***Detection Limit:***
Analytical Method Cd: ***QRAA:*** 0
Qualifier: < ***Units:*** NG/L
Value: 0 ***Date:*** 8/20/2020
Chemical Name: Perfluorotridecanoic acid
Regional Board:
Treated Drinking Water Dt:
Treated Drinking Water Qualifi:
Treated Drinking Water Reporti:
Treatd Drinking Water Sample:
Treated Drinking Water Units:
Treated Drinking Water Value:

Sample ID: ***Lab Notes:***
Matrix: Liquid ***Reporting Limit:*** 2
Chemical: PFOS ***Detection Limit:***
Analytical Method Cd: ***QRAA:*** 0
Qualifier: < ***Units:*** NG/L
Value: 0 ***Date:*** 8/20/2020
Chemical Name: Perfluorooctane sulfonic acid (PFOS)
Regional Board:
Treated Drinking Water Dt:
Treated Drinking Water Qualifi:
Treated Drinking Water Reporti:
Treatd Drinking Water Sample:
Treated Drinking Water Units:
Treated Drinking Water Value:

Sample ID: ***Lab Notes:***
Matrix: Liquid ***Reporting Limit:*** 2
Chemical: 11ClPF3OUDS ***Detection Limit:***
Analytical Method Cd: ***QRAA:*** 0
Qualifier: < ***Units:*** NG/L
Value: 0 ***Date:*** 8/20/2020
Chemical Name: 11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid

Regional Board:
Treated Drinking Water Dt:
Treated Drinking Water Qualifi:
Treated Drinking Water Reporti:
Treatd Drinking Water Sample:
Treated Drinking Water Units:
Treated Drinking Water Value:

Sample ID: ***Lab Notes:***
Matrix: Liquid ***Reporting Limit:*** 2
Chemical: PFHPA ***Detection Limit:***
Analytical Method Cd: ***QRAA:*** 0
Qualifier: < ***Units:*** NG/L
Value: 0 ***Date:*** 8/20/2020
Chemical Name: Perfluoroheptanoic acid
Regional Board:
Treated Drinking Water Dt:
Treated Drinking Water Qualifi:
Treated Drinking Water Reporti:
Treatd Drinking Water Sample:
Treated Drinking Water Units:
Treated Drinking Water Value:

Sample ID: ***Lab Notes:***
Matrix: Liquid ***Reporting Limit:*** 2
Chemical: PFHA ***Detection Limit:***
Analytical Method Cd: ***QRAA:*** 0
Qualifier: < ***Units:*** NG/L
Value: 0 ***Date:*** 4/23/2020
Chemical Name: Perfluorohexanoic acid
Regional Board:
Treated Drinking Water Dt:
Treated Drinking Water Qualifi:
Treated Drinking Water Reporti:
Treatd Drinking Water Sample:
Treated Drinking Water Units:
Treated Drinking Water Value:

Sample ID: ***Lab Notes:***
Matrix: Liquid ***Reporting Limit:*** 2
Chemical: 9ClPF3ONS ***Detection Limit:***
Analytical Method Cd: ***QRAA:*** 0
Qualifier: < ***Units:*** NG/L
Value: 0 ***Date:*** 8/20/2020
Chemical Name: 9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid
Regional Board:
Treated Drinking Water Dt:
Treated Drinking Water Qualifi:
Treated Drinking Water Reporti:
Treatd Drinking Water Sample:
Treated Drinking Water Units:
Treated Drinking Water Value:

Sample ID: ***Lab Notes:***
Matrix: Liquid ***Reporting Limit:*** 2
Chemical: PFBSA ***Detection Limit:***
Analytical Method Cd: ***QRAA:*** 0
Qualifier: < ***Units:*** NG/L
Value: 0 ***Date:*** 8/20/2020
Chemical Name: Perfluorobutanesulfonic acid
Regional Board:
Treated Drinking Water Dt:
Treated Drinking Water Qualifi:
Treated Drinking Water Reporti:
Treatd Drinking Water Sample:
Treated Drinking Water Units:
Treated Drinking Water Value:

Sample ID: ***Lab Notes:***

Matrix:	Liquid	**Reporting Limit:**	2
Chemical:	ADONA	**Detection Limit:**	
Analytical Method Cd:		**QRAA:**	0
Qualifier:	<	**Units:**	NG/L
Value:	0	**Date:**	8/20/2020
Chemical Name:	4,8-Dioxa-3H-perfluorononanoic acid		
Regional Board:			
Treated Drinking Water Dt:			
Treated Drinking Water Qualifi:			
Treated Drinking Water Reporti:			
Treatd Drinking Water Sample:			
Treated Drinking Water Units:			
Treated Drinking Water Value:			

Sample ID:		**Lab Notes:**	
Matrix:	Liquid	**Reporting Limit:**	2
Chemical:	NMEFOSAA	**Detection Limit:**	
Analytical Method Cd:		**QRAA:**	0
Qualifier:	<	**Units:**	NG/L
Value:	0	**Date:**	8/20/2020
Chemical Name:	N-Methyl perfluorooctane sulfonamidoacetic acid		
Regional Board:			
Treated Drinking Water Dt:			
Treated Drinking Water Qualifi:			
Treated Drinking Water Reporti:			
Treatd Drinking Water Sample:			
Treated Drinking Water Units:			
Treated Drinking Water Value:			

Sample ID:		**Lab Notes:**	
Matrix:	Liquid	**Reporting Limit:**	5
Chemical:	HFPA-DA	**Detection Limit:**	
Analytical Method Cd:		**QRAA:**	0
Qualifier:	<	**Units:**	NG/L
Value:	0	**Date:**	8/20/2020
Chemical Name:	2,3,3,3-tetrafluoro-2-(1,1,2,2,3,3,3-heptafluoropropoxy) propanoic acid		
Regional Board:			
Treated Drinking Water Dt:			
Treated Drinking Water Qualifi:			
Treated Drinking Water Reporti:			
Treatd Drinking Water Sample:			
Treated Drinking Water Units:			
Treated Drinking Water Value:			

Sample ID:		**Lab Notes:**	
Matrix:	Liquid	**Reporting Limit:**	2
Chemical:	9ClPF3ONS	**Detection Limit:**	
Analytical Method Cd:		**QRAA:**	0
Qualifier:	<	**Units:**	NG/L
Value:	0	**Date:**	4/23/2020
Chemical Name:	9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid		
Regional Board:			
Treated Drinking Water Dt:			
Treated Drinking Water Qualifi:			
Treated Drinking Water Reporti:			
Treatd Drinking Water Sample:			
Treated Drinking Water Units:			
Treated Drinking Water Value:			

Sample ID:		**Lab Notes:**	
Matrix:	Liquid	**Reporting Limit:**	2
Chemical:	NETFOSAA	**Detection Limit:**	
Analytical Method Cd:		**QRAA:**	0
Qualifier:	<	**Units:**	NG/L
Value:	0	**Date:**	8/20/2020
Chemical Name:	N-Ethyl perfluorooctane sulfonamidoacetic acid		
Regional Board:			
Treated Drinking Water Dt:			
Treated Drinking Water Qualifi:			

Treated Drinking Water Reporti:
Treatd Drinking Water Sample:
Treated Drinking Water Units:
Treated Drinking Water Value:

Sample ID: ***Lab Notes:***
Matrix: Liquid ***Reporting Limit:*** 2
Chemical: PFUNDCA ***Detection Limit:***
Analytical Method Cd: ***QRAA:*** 0
Qualifier: < ***Units:*** NG/L
Value: 0 ***Date:*** 8/20/2020
Chemical Name: Perfluoroundecanoic acid
Regional Board:
Treated Drinking Water Dt:
Treated Drinking Water Qualifi:
Treated Drinking Water Reporti:
Treatd Drinking Water Sample:
Treated Drinking Water Units:
Treated Drinking Water Value:

Sample ID: ***Lab Notes:***
Matrix: Liquid ***Reporting Limit:*** 2
Chemical: PFTRIDA ***Detection Limit:***
Analytical Method Cd: ***QRAA:*** 0
Qualifier: < ***Units:*** NG/L
Value: 0 ***Date:*** 4/23/2020
Chemical Name: Perfluorotridecanoic acid
Regional Board:
Treated Drinking Water Dt:
Treated Drinking Water Qualifi:
Treated Drinking Water Reporti:
Treatd Drinking Water Sample:
Treated Drinking Water Units:
Treated Drinking Water Value:

Sample ID: ***Lab Notes:***
Matrix: Liquid ***Reporting Limit:*** 2
Chemical: PFNDCA ***Detection Limit:***
Analytical Method Cd: ***QRAA:*** 0
Qualifier: < ***Units:*** NG/L
Value: 0 ***Date:*** 4/23/2020
Chemical Name: Perfluorodecanoic acid
Regional Board:
Treated Drinking Water Dt:
Treated Drinking Water Qualifi:
Treated Drinking Water Reporti:
Treatd Drinking Water Sample:
Treated Drinking Water Units:
Treated Drinking Water Value:

Sample ID: ***Lab Notes:***
Matrix: Liquid ***Reporting Limit:*** 2
Chemical: PFNA ***Detection Limit:***
Analytical Method Cd: ***QRAA:*** 0
Qualifier: < ***Units:*** NG/L
Value: 0 ***Date:*** 4/23/2020
Chemical Name: Perfluorononanoic acid
Regional Board:
Treated Drinking Water Dt:
Treated Drinking Water Qualifi:
Treated Drinking Water Reporti:
Treatd Drinking Water Sample:
Treated Drinking Water Units:
Treated Drinking Water Value:

Sample ID: ***Lab Notes:***
Matrix: Liquid ***Reporting Limit:*** 2
Chemical: PFHPA ***Detection Limit:***
Analytical Method Cd: ***QRAA:*** 0

Qualifier: <
Value: 0
Units: NG/L
Date: 4/23/2020
Chemical Name: Perfluoroheptanoic acid
Regional Board:
Treated Drinking Water Dt:
Treated Drinking Water Qualifi:
Treated Drinking Water Reporti:
Treatd Drinking Water Sample:
Treated Drinking Water Units:
Treated Drinking Water Value:

Sample ID:
Matrix: Liquid
Chemical: 11ClPF3OUDS
Analytical Method Cd:
Qualifier: <
Value: 0
Lab Notes:
Reporting Limit: 2
Detection Limit:
QRAA: 0
Units: NG/L
Date: 4/23/2020
Chemical Name: 11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid
Regional Board:
Treated Drinking Water Dt:
Treated Drinking Water Qualifi:
Treated Drinking Water Reporti:
Treatd Drinking Water Sample:
Treated Drinking Water Units:
Treated Drinking Water Value:

Sample ID:
Matrix: Liquid
Chemical: PFHXSA
Analytical Method Cd:
Qualifier: <
Value: 0
Lab Notes:
Reporting Limit: 2
Detection Limit:
QRAA: 0
Units: NG/L
Date: 4/23/2020
Chemical Name: Perfluorohexanesulfonic acid
Regional Board:
Treated Drinking Water Dt:
Treated Drinking Water Qualifi:
Treated Drinking Water Reporti:
Treatd Drinking Water Sample:
Treated Drinking Water Units:
Treated Drinking Water Value:

Sample ID:
Matrix: Liquid
Chemical: PFDOA
Analytical Method Cd:
Qualifier: <
Value: 0
Lab Notes:
Reporting Limit: 2
Detection Limit:
QRAA: 0
Units: NG/L
Date: 8/20/2020
Chemical Name: Perfluorododecanoic acid
Regional Board:
Treated Drinking Water Dt:
Treated Drinking Water Qualifi:
Treated Drinking Water Reporti:
Treatd Drinking Water Sample:
Treated Drinking Water Units:
Treated Drinking Water Value:

Sample ID:
Matrix: Liquid
Chemical: PFOS
Analytical Method Cd:
Qualifier: <
Value: 0
Lab Notes:
Reporting Limit: 2
Detection Limit:
QRAA: 0
Units: NG/L
Date: 4/23/2020
Chemical Name: Perfluorooctane sulfonic acid (PFOS)
Regional Board:
Treated Drinking Water Dt:
Treated Drinking Water Qualifi:
Treated Drinking Water Reporti:
Treatd Drinking Water Sample:
Treated Drinking Water Units:

Treated Drinking Water Value:

Sample ID: ***Lab Notes:***
Matrix: Liquid ***Reporting Limit:*** 2
Chemical: PFDOA ***Detection Limit:***
Analytical Method Cd: ***QRAA:*** 0
Qualifier: < ***Units:*** NG/L
Value: 0 ***Date:*** 4/23/2020
Chemical Name: Perfluorododecanoic acid
Regional Board:
Treated Drinking Water Dt:
Treated Drinking Water Qualifi:
Treated Drinking Water Reporti:
Treatd Drinking Water Sample:
Treated Drinking Water Units:
Treated Drinking Water Value:

Sample ID: ***Lab Notes:***
Matrix: Liquid ***Reporting Limit:*** 2
Chemical: PFOA ***Detection Limit:***
Analytical Method Cd: ***QRAA:*** 0
Qualifier: < ***Units:*** NG/L
Value: 0 ***Date:*** 4/23/2020
Chemical Name: Perfluorooctanoic acid
Regional Board:
Treated Drinking Water Dt:
Treated Drinking Water Qualifi:
Treated Drinking Water Reporti:
Treatd Drinking Water Sample:
Treated Drinking Water Units:
Treated Drinking Water Value:

Sample ID: ***Lab Notes:***
Matrix: Liquid ***Reporting Limit:*** 2
Chemical: PFNA ***Detection Limit:***
Analytical Method Cd: ***QRAA:*** 0
Qualifier: < ***Units:*** NG/L
Value: 0 ***Date:*** 8/20/2020
Chemical Name: Perfluorononanoic acid
Regional Board:
Treated Drinking Water Dt:
Treated Drinking Water Qualifi:
Treated Drinking Water Reporti:
Treatd Drinking Water Sample:
Treated Drinking Water Units:
Treated Drinking Water Value:

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6 ***3 of7*** ***ENE*** ***0.14 / 729.13*** ***72.46 / 1*** ***CA*** ***PFAS SAMPLING***

Global ID: 102139 ***Facility Type:***
Location ID: 102139 ***Latitude:*** 33.931900179
Status: ***Longitude:*** -118.344622174
Site Use: GAMA - Water Replenishment District ***Field Pt Class:*** WSW
Site Type: GAMA - Water Replenishment District
Public Water System Name:

PFAS Chemicals

Sample ID: ***Lab Notes:***
Matrix: Liquid ***Reporting Limit:*** 2
Chemical: PFBSA ***Detection Limit:***
Analytical Method Cd: ***QRAA:*** 0
Qualifier: < ***Units:*** NG/L
Value: 0 ***Date:*** 4/23/2020
Chemical Name: Perfluorobutanesulfonic acid

Regional Board:
Treated Drinking Water Dt:
Treated Drinking Water Qualifi:
Treated Drinking Water Reporti:
Treatd Drinking Water Sample:
Treated Drinking Water Units:
Treated Drinking Water Value:

Sample ID: ***Lab Notes:***
Matrix: Liquid ***Reporting Limit:*** 2
Chemical: PFHA ***Detection Limit:***
Analytical Method Cd: ***QRAA:*** 0
Qualifier: < ***Units:*** NG/L
Value: 0 ***Date:*** 4/23/2020
Chemical Name: Perfluorohexanoic acid
Regional Board:
Treated Drinking Water Dt:
Treated Drinking Water Qualifi:
Treated Drinking Water Reporti:
Treatd Drinking Water Sample:
Treated Drinking Water Units:
Treated Drinking Water Value:

Sample ID: ***Lab Notes:***
Matrix: Liquid ***Reporting Limit:*** 2
Chemical: PFTEDA ***Detection Limit:***
Analytical Method Cd: ***QRAA:*** 0
Qualifier: < ***Units:*** NG/L
Value: 0 ***Date:*** 8/20/2020
Chemical Name: Perfluorotetradecanoic acid
Regional Board:
Treated Drinking Water Dt:
Treated Drinking Water Qualifi:
Treated Drinking Water Reporti:
Treatd Drinking Water Sample:
Treated Drinking Water Units:
Treated Drinking Water Value:

Sample ID: ***Lab Notes:***
Matrix: Liquid ***Reporting Limit:*** 2
Chemical: NETFOSAA ***Detection Limit:***
Analytical Method Cd: ***QRAA:*** 0
Qualifier: < ***Units:*** NG/L
Value: 0 ***Date:*** 4/23/2020
Chemical Name: N-Ethyl perfluorooctane sulfonamidoacetic acid
Regional Board:
Treated Drinking Water Dt:
Treated Drinking Water Qualifi:
Treated Drinking Water Reporti:
Treatd Drinking Water Sample:
Treated Drinking Water Units:
Treated Drinking Water Value:

Sample ID: ***Lab Notes:***
Matrix: Liquid ***Reporting Limit:*** 2
Chemical: NMEFOSAA ***Detection Limit:***
Analytical Method Cd: ***QRAA:*** 0
Qualifier: < ***Units:*** NG/L
Value: 0 ***Date:*** 4/23/2020
Chemical Name: N-Methyl perfluorooctane sulfonamidoacetic acid
Regional Board:
Treated Drinking Water Dt:
Treated Drinking Water Qualifi:
Treated Drinking Water Reporti:
Treatd Drinking Water Sample:
Treated Drinking Water Units:
Treated Drinking Water Value:

Sample ID: ***Lab Notes:***

Matrix:	Liquid	**Reporting Limit:**	2
Chemical:	PFTEDA	**Detection Limit:**	
Analytical Method Cd:		**QRAA:**	0
Qualifier:	<	**Units:**	NG/L
Value:	0	**Date:**	4/23/2020
Chemical Name:	Perfluorotetradecanoic acid		
Regional Board:			
Treated Drinking Water Dt:			
Treated Drinking Water Qualifi:			
Treated Drinking Water Reporti:			
Treatd Drinking Water Sample:			
Treated Drinking Water Units:			
Treated Drinking Water Value:			

Sample ID:		**Lab Notes:**	
Matrix:	Liquid	**Reporting Limit:**	2
Chemical:	PFUNDCA	**Detection Limit:**	
Analytical Method Cd:		**QRAA:**	0
Qualifier:	<	**Units:**	NG/L
Value:	0	**Date:**	8/20/2020
Chemical Name:	Perfluoroundecanoic acid		
Regional Board:			
Treated Drinking Water Dt:			
Treated Drinking Water Qualifi:			
Treated Drinking Water Reporti:			
Treatd Drinking Water Sample:			
Treated Drinking Water Units:			
Treated Drinking Water Value:			

Sample ID:		**Lab Notes:**	
Matrix:	Liquid	**Reporting Limit:**	2
Chemical:	11ClPF3OUDS	**Detection Limit:**	
Analytical Method Cd:		**QRAA:**	0
Qualifier:	<	**Units:**	NG/L
Value:	0	**Date:**	8/20/2020
Chemical Name:	11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid		
Regional Board:			
Treated Drinking Water Dt:			
Treated Drinking Water Qualifi:			
Treated Drinking Water Reporti:			
Treatd Drinking Water Sample:			
Treated Drinking Water Units:			
Treated Drinking Water Value:			

Sample ID:		**Lab Notes:**	
Matrix:	Liquid	**Reporting Limit:**	2
Chemical:	9ClPF3ONS	**Detection Limit:**	
Analytical Method Cd:		**QRAA:**	0
Qualifier:	<	**Units:**	NG/L
Value:	0	**Date:**	8/20/2020
Chemical Name:	9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid		
Regional Board:			
Treated Drinking Water Dt:			
Treated Drinking Water Qualifi:			
Treated Drinking Water Reporti:			
Treatd Drinking Water Sample:			
Treated Drinking Water Units:			
Treated Drinking Water Value:			

Sample ID:		**Lab Notes:**	
Matrix:	Liquid	**Reporting Limit:**	2
Chemical:	PFOS	**Detection Limit:**	
Analytical Method Cd:		**QRAA:**	0
Qualifier:	<	**Units:**	NG/L
Value:	0	**Date:**	4/23/2020
Chemical Name:	Perfluorooctane sulfonic acid (PFOS)		
Regional Board:			
Treated Drinking Water Dt:			
Treated Drinking Water Qualifi:			

Treated Drinking Water Reporti:
Treatd Drinking Water Sample:
Treated Drinking Water Units:
Treated Drinking Water Value:

Sample ID: ***Lab Notes:***
Matrix: Liquid ***Reporting Limit:*** 2
Chemical: PFBSA ***Detection Limit:***
Analytical Method Cd: ***QRAA:*** 0
Qualifier: < ***Units:*** NG/L
Value: 0 ***Date:*** 8/20/2020
Chemical Name: Perfluorobutanesulfonic acid
Regional Board:
Treated Drinking Water Dt:
Treated Drinking Water Qualifi:
Treated Drinking Water Reporti:
Treatd Drinking Water Sample:
Treated Drinking Water Units:
Treated Drinking Water Value:

Sample ID: ***Lab Notes:***
Matrix: Liquid ***Reporting Limit:*** 2
Chemical: PFHXSA ***Detection Limit:***
Analytical Method Cd: ***QRAA:*** 0
Qualifier: < ***Units:*** NG/L
Value: 0 ***Date:*** 8/20/2020
Chemical Name: Perfluorohexanesulfonic acid
Regional Board:
Treated Drinking Water Dt:
Treated Drinking Water Qualifi:
Treated Drinking Water Reporti:
Treatd Drinking Water Sample:
Treated Drinking Water Units:
Treated Drinking Water Value:

Sample ID: ***Lab Notes:***
Matrix: Liquid ***Reporting Limit:*** 5
Chemical: HFPA-DA ***Detection Limit:***
Analytical Method Cd: ***QRAA:*** 0
Qualifier: < ***Units:*** NG/L
Value: 0 ***Date:*** 4/23/2020
Chemical Name: 2,3,3,3-tetrafluoro-2-(1,1,2,2,3,3,3-heptafluoropropoxy) propanoic acid
Regional Board:
Treated Drinking Water Dt:
Treated Drinking Water Qualifi:
Treated Drinking Water Reporti:
Treatd Drinking Water Sample:
Treated Drinking Water Units:
Treated Drinking Water Value:

Sample ID: ***Lab Notes:***
Matrix: Liquid ***Reporting Limit:*** 5
Chemical: HFPA-DA ***Detection Limit:***
Analytical Method Cd: ***QRAA:*** 0
Qualifier: < ***Units:*** NG/L
Value: 0 ***Date:*** 8/20/2020
Chemical Name: 2,3,3,3-tetrafluoro-2-(1,1,2,2,3,3,3-heptafluoropropoxy) propanoic acid
Regional Board:
Treated Drinking Water Dt:
Treated Drinking Water Qualifi:
Treated Drinking Water Reporti:
Treatd Drinking Water Sample:
Treated Drinking Water Units:
Treated Drinking Water Value:

Sample ID: ***Lab Notes:***
Matrix: Liquid ***Reporting Limit:*** 2
Chemical: PFNA ***Detection Limit:***
Analytical Method Cd: ***QRAA:*** 0

Qualifier: <
Value: 0
Units: NG/L
Date: 4/23/2020
Chemical Name: Perfluorononanoic acid
Regional Board:
Treated Drinking Water Dt:
Treated Drinking Water Qualifi:
Treated Drinking Water Reporti:
Treatd Drinking Water Sample:
Treated Drinking Water Units:
Treated Drinking Water Value:

Sample ID:
Matrix: Liquid
Chemical: PFNDCA
Analytical Method Cd:
Qualifier: <
Value: 0
Chemical Name: Perfluorodecanoic acid
Regional Board:
Treated Drinking Water Dt:
Treated Drinking Water Qualifi:
Treated Drinking Water Reporti:
Treatd Drinking Water Sample:
Treated Drinking Water Units:
Treated Drinking Water Value:
Lab Notes:
Reporting Limit: 2
Detection Limit:
QRAA: 0
Units: NG/L
Date: 8/20/2020

Sample ID:
Matrix: Liquid
Chemical: PFTRIDA
Analytical Method Cd:
Qualifier: <
Value: 0
Chemical Name: Perfluorotridecanoic acid
Regional Board:
Treated Drinking Water Dt:
Treated Drinking Water Qualifi:
Treated Drinking Water Reporti:
Treatd Drinking Water Sample:
Treated Drinking Water Units:
Treated Drinking Water Value:
Lab Notes:
Reporting Limit: 2
Detection Limit:
QRAA: 0
Units: NG/L
Date: 4/23/2020

Sample ID:
Matrix: Liquid
Chemical: NMEFOSAA
Analytical Method Cd:
Qualifier: <
Value: 0
Chemical Name: N-Methyl perfluorooctane sulfonamidoacetic acid
Regional Board:
Treated Drinking Water Dt:
Treated Drinking Water Qualifi:
Treated Drinking Water Reporti:
Treatd Drinking Water Sample:
Treated Drinking Water Units:
Treated Drinking Water Value:
Lab Notes:
Reporting Limit: 2
Detection Limit:
QRAA: 0
Units: NG/L
Date: 8/20/2020

Sample ID:
Matrix: Liquid
Chemical: 9ClPF3ONS
Analytical Method Cd:
Qualifier: <
Value: 0
Chemical Name: 9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid
Regional Board:
Treated Drinking Water Dt:
Treated Drinking Water Qualifi:
Treated Drinking Water Reporti:
Treatd Drinking Water Sample:
Treated Drinking Water Units:
Lab Notes:
Reporting Limit: 2
Detection Limit:
QRAA: 0
Units: NG/L
Date: 4/23/2020

Treated Drinking Water Value:

Sample ID: ***Lab Notes:***
Matrix: Liquid ***Reporting Limit:*** 2
Chemical: PFOS ***Detection Limit:***
Analytical Method Cd: ***QRAA:*** 0
Qualifier: < ***Units:*** NG/L
Value: 0 ***Date:*** 8/20/2020
Chemical Name: Perfluorooctane sulfonic acid (PFOS)
Regional Board:
Treated Drinking Water Dt:
Treated Drinking Water Qualifi:
Treated Drinking Water Reporti:
Treatd Drinking Water Sample:
Treated Drinking Water Units:
Treated Drinking Water Value:

Sample ID: ***Lab Notes:***
Matrix: Liquid ***Reporting Limit:*** 2
Chemical: NETFOSAA ***Detection Limit:***
Analytical Method Cd: ***QRAA:*** 0
Qualifier: < ***Units:*** NG/L
Value: 0 ***Date:*** 8/20/2020
Chemical Name: N-Ethyl perfluorooctane sulfonamidoacetic acid
Regional Board:
Treated Drinking Water Dt:
Treated Drinking Water Qualifi:
Treated Drinking Water Reporti:
Treatd Drinking Water Sample:
Treated Drinking Water Units:
Treated Drinking Water Value:

Sample ID: ***Lab Notes:***
Matrix: Liquid ***Reporting Limit:*** 2
Chemical: PFHPA ***Detection Limit:***
Analytical Method Cd: ***QRAA:*** 0
Qualifier: < ***Units:*** NG/L
Value: 0 ***Date:*** 4/23/2020
Chemical Name: Perfluoroheptanoic acid
Regional Board:
Treated Drinking Water Dt:
Treated Drinking Water Qualifi:
Treated Drinking Water Reporti:
Treatd Drinking Water Sample:
Treated Drinking Water Units:
Treated Drinking Water Value:

Sample ID: ***Lab Notes:***
Matrix: Liquid ***Reporting Limit:*** 2
Chemical: PFOA ***Detection Limit:***
Analytical Method Cd: ***QRAA:*** 0
Qualifier: < ***Units:*** NG/L
Value: 0 ***Date:*** 8/20/2020
Chemical Name: Perfluorooctanoic acid
Regional Board:
Treated Drinking Water Dt:
Treated Drinking Water Qualifi:
Treated Drinking Water Reporti:
Treatd Drinking Water Sample:
Treated Drinking Water Units:
Treated Drinking Water Value:

Sample ID: ***Lab Notes:***
Matrix: Liquid ***Reporting Limit:*** 2
Chemical: PFDOA ***Detection Limit:***
Analytical Method Cd: ***QRAA:*** 0
Qualifier: < ***Units:*** NG/L
Value: 0 ***Date:*** 4/23/2020
Chemical Name: Perfluorododecanoic acid

Regional Board:
Treated Drinking Water Dt:
Treated Drinking Water Qualifi:
Treated Drinking Water Reporti:
Treatd Drinking Water Sample:
Treated Drinking Water Units:
Treated Drinking Water Value:

Sample ID: ***Lab Notes:***
Matrix: Liquid ***Reporting Limit:*** 2
Chemical: PFHXSA ***Detection Limit:***
Analytical Method Cd: ***QRAA:*** 0
Qualifier: < ***Units:*** NG/L
Value: 0 ***Date:*** 4/23/2020
Chemical Name: Perfluorohexanesulfonic acid
Regional Board:
Treated Drinking Water Dt:
Treated Drinking Water Qualifi:
Treated Drinking Water Reporti:
Treatd Drinking Water Sample:
Treated Drinking Water Units:
Treated Drinking Water Value:

Sample ID: ***Lab Notes:***
Matrix: Liquid ***Reporting Limit:*** 2
Chemical: 11ClPF3OUDS ***Detection Limit:***
Analytical Method Cd: ***QRAA:*** 0
Qualifier: < ***Units:*** NG/L
Value: 0 ***Date:*** 4/23/2020
Chemical Name: 11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid
Regional Board:
Treated Drinking Water Dt:
Treated Drinking Water Qualifi:
Treated Drinking Water Reporti:
Treatd Drinking Water Sample:
Treated Drinking Water Units:
Treated Drinking Water Value:

Sample ID: ***Lab Notes:***
Matrix: Liquid ***Reporting Limit:*** 2
Chemical: PFOA ***Detection Limit:***
Analytical Method Cd: ***QRAA:*** 0
Qualifier: < ***Units:*** NG/L
Value: 0 ***Date:*** 4/23/2020
Chemical Name: Perfluorooctanoic acid
Regional Board:
Treated Drinking Water Dt:
Treated Drinking Water Qualifi:
Treated Drinking Water Reporti:
Treatd Drinking Water Sample:
Treated Drinking Water Units:
Treated Drinking Water Value:

Sample ID: ***Lab Notes:***
Matrix: Liquid ***Reporting Limit:*** 2
Chemical: PFNDCA ***Detection Limit:***
Analytical Method Cd: ***QRAA:*** 0
Qualifier: < ***Units:*** NG/L
Value: 0 ***Date:*** 4/23/2020
Chemical Name: Perfluorodecanoic acid
Regional Board:
Treated Drinking Water Dt:
Treated Drinking Water Qualifi:
Treated Drinking Water Reporti:
Treatd Drinking Water Sample:
Treated Drinking Water Units:
Treated Drinking Water Value:

Sample ID: ***Lab Notes:***

Matrix:	Liquid	**Reporting Limit:**	2
Chemical:	PFNA	**Detection Limit:**	
Analytical Method Cd:		**QRAA:**	0
Qualifier:	<	**Units:**	NG/L
Value:	0	**Date:**	8/20/2020
Chemical Name:	Perfluorononanoic acid		
Regional Board:			
Treated Drinking Water Dt:			
Treated Drinking Water Qualifi:			
Treated Drinking Water Reporti:			
Treatd Drinking Water Sample:			
Treated Drinking Water Units:			
Treated Drinking Water Value:			

Sample ID:		**Lab Notes:**	
Matrix:	Liquid	**Reporting Limit:**	2
Chemical:	PFHPA	**Detection Limit:**	
Analytical Method Cd:		**QRAA:**	0
Qualifier:	<	**Units:**	NG/L
Value:	0	**Date:**	8/20/2020
Chemical Name:	Perfluoroheptanoic acid		
Regional Board:			
Treated Drinking Water Dt:			
Treated Drinking Water Qualifi:			
Treated Drinking Water Reporti:			
Treatd Drinking Water Sample:			
Treated Drinking Water Units:			
Treated Drinking Water Value:			

Sample ID:		**Lab Notes:**	
Matrix:	Liquid	**Reporting Limit:**	2
Chemical:	ADONA	**Detection Limit:**	
Analytical Method Cd:		**QRAA:**	0
Qualifier:	<	**Units:**	NG/L
Value:	0	**Date:**	8/20/2020
Chemical Name:	4,8-Dioxa-3H-perfluorononanoic acid		
Regional Board:			
Treated Drinking Water Dt:			
Treated Drinking Water Qualifi:			
Treated Drinking Water Reporti:			
Treatd Drinking Water Sample:			
Treated Drinking Water Units:			
Treated Drinking Water Value:			

Sample ID:		**Lab Notes:**	
Matrix:	Liquid	**Reporting Limit:**	2
Chemical:	PFDOA	**Detection Limit:**	
Analytical Method Cd:		**QRAA:**	0
Qualifier:	<	**Units:**	NG/L
Value:	0	**Date:**	8/20/2020
Chemical Name:	Perfluorododecanoic acid		
Regional Board:			
Treated Drinking Water Dt:			
Treated Drinking Water Qualifi:			
Treated Drinking Water Reporti:			
Treatd Drinking Water Sample:			
Treated Drinking Water Units:			
Treated Drinking Water Value:			

Sample ID:		**Lab Notes:**	
Matrix:	Liquid	**Reporting Limit:**	2
Chemical:	ADONA	**Detection Limit:**	
Analytical Method Cd:		**QRAA:**	0
Qualifier:	<	**Units:**	NG/L
Value:	0	**Date:**	4/23/2020
Chemical Name:	4,8-Dioxa-3H-perfluorononanoic acid		
Regional Board:			
Treated Drinking Water Dt:			
Treated Drinking Water Qualifi:			

Treated Drinking Water Reporti:
Treatd Drinking Water Sample:
Treated Drinking Water Units:
Treated Drinking Water Value:

Sample ID: ***Lab Notes:***
Matrix: Liquid ***Reporting Limit:*** 2
Chemical: PFTRIDA ***Detection Limit:***
Analytical Method Cd: ***QRAA:*** 0
Qualifier: < ***Units:*** NG/L
Value: 0 ***Date:*** 8/20/2020
Chemical Name: Perfluorotridecanoic acid
Regional Board:
Treated Drinking Water Dt:
Treated Drinking Water Qualifi:
Treated Drinking Water Reporti:
Treatd Drinking Water Sample:
Treated Drinking Water Units:
Treated Drinking Water Value:

Sample ID: ***Lab Notes:***
Matrix: Liquid ***Reporting Limit:*** 2
Chemical: PFUNDCA ***Detection Limit:***
Analytical Method Cd: ***QRAA:*** 0
Qualifier: < ***Units:*** NG/L
Value: 0 ***Date:*** 4/23/2020
Chemical Name: Perfluoroundecanoic acid
Regional Board:
Treated Drinking Water Dt:
Treated Drinking Water Qualifi:
Treated Drinking Water Reporti:
Treatd Drinking Water Sample:
Treated Drinking Water Units:
Treated Drinking Water Value:

Sample ID: ***Lab Notes:***
Matrix: Liquid ***Reporting Limit:*** 2
Chemical: PFHA ***Detection Limit:***
Analytical Method Cd: ***QRAA:*** 0
Qualifier: < ***Units:*** NG/L
Value: 0 ***Date:*** 8/20/2020
Chemical Name: Perfluorohexanoic acid
Regional Board:
Treated Drinking Water Dt:
Treated Drinking Water Qualifi:
Treated Drinking Water Reporti:
Treatd Drinking Water Sample:
Treated Drinking Water Units:
Treated Drinking Water Value:

6	***4 of7***	***ENE***	***0.14 / 729.13***	***72.46 / 1***	***CA***	***PFAS SAMPLING***

Global ID: 102138 ***Facility Type:***
Location ID: 102138 ***Latitude:*** 33.931900179
Status: ***Longitude:*** -118.344622174
Site Use: GAMA - Water Replenishment District ***Field Pt Class:*** WSW
Site Type: GAMA - Water Replenishment District
Public Water System Name:

PFAS Chemicals

Sample ID: ***Lab Notes:***
Matrix: Liquid ***Reporting Limit:*** 2
Chemical: PFHXSA ***Detection Limit:***
Analytical Method Cd: ***QRAA:*** 0

Qualifier:	<	**Units:**	NG/L
Value:	0	**Date:**	4/23/2020
Chemical Name:	Perfluorohexanesulfonic acid		
Regional Board:			
Treated Drinking Water Dt:			
Treated Drinking Water Qualifi:			
Treated Drinking Water Reporti:			
Treatd Drinking Water Sample:			
Treated Drinking Water Units:			
Treated Drinking Water Value:			

Sample ID:		**Lab Notes:**	
Matrix:	Liquid	**Reporting Limit:**	2
Chemical:	PFUNDCA	**Detection Limit:**	
Analytical Method Cd:		**QRAA:**	0
Qualifier:	<	**Units:**	NG/L
Value:	0	**Date:**	8/20/2020
Chemical Name:	Perfluoroundecanoic acid		
Regional Board:			
Treated Drinking Water Dt:			
Treated Drinking Water Qualifi:			
Treated Drinking Water Reporti:			
Treatd Drinking Water Sample:			
Treated Drinking Water Units:			
Treated Drinking Water Value:			

Sample ID:		**Lab Notes:**	
Matrix:	Liquid	**Reporting Limit:**	2
Chemical:	PFNA	**Detection Limit:**	
Analytical Method Cd:		**QRAA:**	0
Qualifier:	<	**Units:**	NG/L
Value:	0	**Date:**	4/23/2020
Chemical Name:	Perfluorononanoic acid		
Regional Board:			
Treated Drinking Water Dt:			
Treated Drinking Water Qualifi:			
Treated Drinking Water Reporti:			
Treatd Drinking Water Sample:			
Treated Drinking Water Units:			
Treated Drinking Water Value:			

Sample ID:		**Lab Notes:**	
Matrix:	Liquid	**Reporting Limit:**	2
Chemical:	ADONA	**Detection Limit:**	
Analytical Method Cd:		**QRAA:**	0
Qualifier:	<	**Units:**	NG/L
Value:	0	**Date:**	8/20/2020
Chemical Name:	4,8-Dioxa-3H-perfluorononanoic acid		
Regional Board:			
Treated Drinking Water Dt:			
Treated Drinking Water Qualifi:			
Treated Drinking Water Reporti:			
Treatd Drinking Water Sample:			
Treated Drinking Water Units:			
Treated Drinking Water Value:			

Sample ID:		**Lab Notes:**	
Matrix:	Liquid	**Reporting Limit:**	2
Chemical:	PFOA	**Detection Limit:**	
Analytical Method Cd:		**QRAA:**	0
Qualifier:	<	**Units:**	NG/L
Value:	0	**Date:**	8/20/2020
Chemical Name:	Perfluorooctanoic acid		
Regional Board:			
Treated Drinking Water Dt:			
Treated Drinking Water Qualifi:			
Treated Drinking Water Reporti:			
Treatd Drinking Water Sample:			
Treated Drinking Water Units:			

Treated Drinking Water Value:

Sample ID: ***Lab Notes:***
Matrix: Liquid ***Reporting Limit:*** 2
Chemical: NMEFOSAA ***Detection Limit:***
Analytical Method Cd: ***QRAA:*** 0
Qualifier: < ***Units:*** NG/L
Value: 0 ***Date:*** 4/23/2020
Chemical Name: N-Methyl perfluorooctane sulfonamidoacetic acid
Regional Board:
Treated Drinking Water Dt:
Treated Drinking Water Qualifi:
Treated Drinking Water Reporti:
Treatd Drinking Water Sample:
Treated Drinking Water Units:
Treated Drinking Water Value:

Sample ID: ***Lab Notes:***
Matrix: Liquid ***Reporting Limit:*** 5
Chemical: HFPA-DA ***Detection Limit:***
Analytical Method Cd: ***QRAA:*** 0
Qualifier: < ***Units:*** NG/L
Value: 0 ***Date:*** 8/20/2020
Chemical Name: 2,3,3,3-tetrafluoro-2-(1,1,2,2,3,3,3-heptafluoropropoxy) propanoic acid
Regional Board:
Treated Drinking Water Dt:
Treated Drinking Water Qualifi:
Treated Drinking Water Reporti:
Treatd Drinking Water Sample:
Treated Drinking Water Units:
Treated Drinking Water Value:

Sample ID: ***Lab Notes:***
Matrix: Liquid ***Reporting Limit:*** 2
Chemical: PFNDCA ***Detection Limit:***
Analytical Method Cd: ***QRAA:*** 0
Qualifier: < ***Units:*** NG/L
Value: 0 ***Date:*** 8/20/2020
Chemical Name: Perfluorodecanoic acid
Regional Board:
Treated Drinking Water Dt:
Treated Drinking Water Qualifi:
Treated Drinking Water Reporti:
Treatd Drinking Water Sample:
Treated Drinking Water Units:
Treated Drinking Water Value:

Sample ID: ***Lab Notes:***
Matrix: Liquid ***Reporting Limit:*** 2
Chemical: 11ClPF3OUDS ***Detection Limit:***
Analytical Method Cd: ***QRAA:*** 0
Qualifier: < ***Units:*** NG/L
Value: 0 ***Date:*** 4/23/2020
Chemical Name: 11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid
Regional Board:
Treated Drinking Water Dt:
Treated Drinking Water Qualifi:
Treated Drinking Water Reporti:
Treatd Drinking Water Sample:
Treated Drinking Water Units:
Treated Drinking Water Value:

Sample ID: ***Lab Notes:***
Matrix: Liquid ***Reporting Limit:*** 5
Chemical: HFPA-DA ***Detection Limit:***
Analytical Method Cd: ***QRAA:*** 0
Qualifier: < ***Units:*** NG/L
Value: 0 ***Date:*** 4/23/2020
Chemical Name: 2,3,3,3-tetrafluoro-2-(1,1,2,2,3,3,3-heptafluoropropoxy) propanoic acid

Regional Board:
Treated Drinking Water Dt:
Treated Drinking Water Qualifi:
Treated Drinking Water Reporti:
Treatd Drinking Water Sample:
Treated Drinking Water Units:
Treated Drinking Water Value:

Sample ID: ***Lab Notes:***
Matrix: Liquid ***Reporting Limit:*** 2
Chemical: PFTRIDA ***Detection Limit:***
Analytical Method Cd: ***QRAA:*** 0
Qualifier: < ***Units:*** NG/L
Value: 0 ***Date:*** 4/23/2020
Chemical Name: Perfluorotridecanoic acid
Regional Board:
Treated Drinking Water Dt:
Treated Drinking Water Qualifi:
Treated Drinking Water Reporti:
Treatd Drinking Water Sample:
Treated Drinking Water Units:
Treated Drinking Water Value:

Sample ID: ***Lab Notes:***
Matrix: Liquid ***Reporting Limit:*** 2
Chemical: NMEFOSAA ***Detection Limit:***
Analytical Method Cd: ***QRAA:*** 0
Qualifier: < ***Units:*** NG/L
Value: 0 ***Date:*** 8/20/2020
Chemical Name: N-Methyl perfluorooctane sulfonamidoacetic acid
Regional Board:
Treated Drinking Water Dt:
Treated Drinking Water Qualifi:
Treated Drinking Water Reporti:
Treatd Drinking Water Sample:
Treated Drinking Water Units:
Treated Drinking Water Value:

Sample ID: ***Lab Notes:***
Matrix: Liquid ***Reporting Limit:*** 2
Chemical: PFHPA ***Detection Limit:***
Analytical Method Cd: ***QRAA:*** 0
Qualifier: < ***Units:*** NG/L
Value: 0 ***Date:*** 4/23/2020
Chemical Name: Perfluoroheptanoic acid
Regional Board:
Treated Drinking Water Dt:
Treated Drinking Water Qualifi:
Treated Drinking Water Reporti:
Treatd Drinking Water Sample:
Treated Drinking Water Units:
Treated Drinking Water Value:

Sample ID: ***Lab Notes:***
Matrix: Liquid ***Reporting Limit:*** 2
Chemical: 11ClPF3OUDS ***Detection Limit:***
Analytical Method Cd: ***QRAA:*** 0
Qualifier: < ***Units:*** NG/L
Value: 0 ***Date:*** 8/20/2020
Chemical Name: 11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid
Regional Board:
Treated Drinking Water Dt:
Treated Drinking Water Qualifi:
Treated Drinking Water Reporti:
Treatd Drinking Water Sample:
Treated Drinking Water Units:
Treated Drinking Water Value:

Sample ID: ***Lab Notes:***

Matrix: Liquid
Chemical: NETFOSAA
Analytical Method Cd:
Qualifier: <
Value: 0
Chemical Name: N-Ethyl perfluorooctane sulfonamidoacetic acid
Regional Board:
Treated Drinking Water Dt:
Treated Drinking Water Qualifi:
Treated Drinking Water Reporti:
Treatd Drinking Water Sample:
Treated Drinking Water Units:
Treated Drinking Water Value:
Reporting Limit: 2
Detection Limit:
QRAA: 0
Units: NG/L
Date: 8/20/2020

Sample ID:
Matrix: Liquid
Chemical: PFTEDA
Analytical Method Cd:
Qualifier: <
Value: 0
Chemical Name: Perfluorotetradecanoic acid
Regional Board:
Treated Drinking Water Dt:
Treated Drinking Water Qualifi:
Treated Drinking Water Reporti:
Treatd Drinking Water Sample:
Treated Drinking Water Units:
Treated Drinking Water Value:
Lab Notes:
Reporting Limit: 2
Detection Limit:
QRAA: 0
Units: NG/L
Date: 4/23/2020

Sample ID:
Matrix: Liquid
Chemical: PFOS
Analytical Method Cd:
Qualifier: <
Value: 0
Chemical Name: Perfluorooctane sulfonic acid (PFOS)
Regional Board:
Treated Drinking Water Dt:
Treated Drinking Water Qualifi:
Treated Drinking Water Reporti:
Treatd Drinking Water Sample:
Treated Drinking Water Units:
Treated Drinking Water Value:
Lab Notes:
Reporting Limit: 2
Detection Limit:
QRAA: 0
Units: NG/L
Date: 4/23/2020

Sample ID:
Matrix: Liquid
Chemical: PFHXSA
Analytical Method Cd:
Qualifier: <
Value: 0
Chemical Name: Perfluorohexanesulfonic acid
Regional Board:
Treated Drinking Water Dt:
Treated Drinking Water Qualifi:
Treated Drinking Water Reporti:
Treatd Drinking Water Sample:
Treated Drinking Water Units:
Treated Drinking Water Value:
Lab Notes:
Reporting Limit: 2
Detection Limit:
QRAA: 0
Units: NG/L
Date: 8/20/2020

Sample ID:
Matrix: Liquid
Chemical: PFBSA
Analytical Method Cd:
Qualifier: <
Value: 0
Chemical Name: Perfluorobutanesulfonic acid
Regional Board:
Treated Drinking Water Dt:
Treated Drinking Water Qualifi:
Lab Notes:
Reporting Limit: 2
Detection Limit:
QRAA: 0
Units: NG/L
Date: 4/23/2020

Treated Drinking Water Reporti:
Treatd Drinking Water Sample:
Treated Drinking Water Units:
Treated Drinking Water Value:

Sample ID: ***Lab Notes:***
Matrix: Liquid ***Reporting Limit:*** 2
Chemical: PFNDCA ***Detection Limit:***
Analytical Method Cd: ***QRAA:*** 0
Qualifier: < ***Units:*** NG/L
Value: 0 ***Date:*** 4/23/2020
Chemical Name: Perfluorodecanoic acid
Regional Board:
Treated Drinking Water Dt:
Treated Drinking Water Qualifi:
Treated Drinking Water Reporti:
Treatd Drinking Water Sample:
Treated Drinking Water Units:
Treated Drinking Water Value:

Sample ID: ***Lab Notes:***
Matrix: Liquid ***Reporting Limit:*** 2
Chemical: PFHA ***Detection Limit:***
Analytical Method Cd: ***QRAA:*** 0
Qualifier: < ***Units:*** NG/L
Value: 0 ***Date:*** 4/23/2020
Chemical Name: Perfluorohexanoic acid
Regional Board:
Treated Drinking Water Dt:
Treated Drinking Water Qualifi:
Treated Drinking Water Reporti:
Treatd Drinking Water Sample:
Treated Drinking Water Units:
Treated Drinking Water Value:

Sample ID: ***Lab Notes:***
Matrix: Liquid ***Reporting Limit:*** 2
Chemical: NETFOSAA ***Detection Limit:***
Analytical Method Cd: ***QRAA:*** 0
Qualifier: < ***Units:*** NG/L
Value: 0 ***Date:*** 4/23/2020
Chemical Name: N-Ethyl perfluorooctane sulfonamidoacetic acid
Regional Board:
Treated Drinking Water Dt:
Treated Drinking Water Qualifi:
Treated Drinking Water Reporti:
Treatd Drinking Water Sample:
Treated Drinking Water Units:
Treated Drinking Water Value:

Sample ID: ***Lab Notes:***
Matrix: Liquid ***Reporting Limit:*** 2
Chemical: PFHPA ***Detection Limit:***
Analytical Method Cd: ***QRAA:*** 0
Qualifier: < ***Units:*** NG/L
Value: 0 ***Date:*** 8/20/2020
Chemical Name: Perfluoroheptanoic acid
Regional Board:
Treated Drinking Water Dt:
Treated Drinking Water Qualifi:
Treated Drinking Water Reporti:
Treatd Drinking Water Sample:
Treated Drinking Water Units:
Treated Drinking Water Value:

Sample ID: ***Lab Notes:***
Matrix: Liquid ***Reporting Limit:*** 2
Chemical: PFUNDCA ***Detection Limit:***
Analytical Method Cd: ***QRAA:*** 0

Qualifier: <
Value: 0
Units: NG/L
Date: 4/23/2020
Chemical Name: Perfluoroundecanoic acid
Regional Board:
Treated Drinking Water Dt:
Treated Drinking Water Qualifi:
Treated Drinking Water Reporti:
Treatd Drinking Water Sample:
Treated Drinking Water Units:
Treated Drinking Water Value:

Sample ID:
Matrix: Liquid
Chemical: PFOA
Analytical Method Cd:
Qualifier: <
Value: 0
Lab Notes:
Reporting Limit: 2
Detection Limit:
QRAA: 0
Units: NG/L
Date: 4/23/2020
Chemical Name: Perfluorooctanoic acid
Regional Board:
Treated Drinking Water Dt:
Treated Drinking Water Qualifi:
Treated Drinking Water Reporti:
Treatd Drinking Water Sample:
Treated Drinking Water Units:
Treated Drinking Water Value:

Sample ID:
Matrix: Liquid
Chemical: ADONA
Analytical Method Cd:
Qualifier: <
Value: 0
Lab Notes:
Reporting Limit: 2
Detection Limit:
QRAA: 0
Units: NG/L
Date: 4/23/2020
Chemical Name: 4,8-Dioxa-3H-perfluorononanoic acid
Regional Board:
Treated Drinking Water Dt:
Treated Drinking Water Qualifi:
Treated Drinking Water Reporti:
Treatd Drinking Water Sample:
Treated Drinking Water Units:
Treated Drinking Water Value:

Sample ID:
Matrix: Liquid
Chemical: 9ClPF3ONS
Analytical Method Cd:
Qualifier: <
Value: 0
Lab Notes:
Reporting Limit: 2
Detection Limit:
QRAA: 0
Units: NG/L
Date: 8/20/2020
Chemical Name: 9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid
Regional Board:
Treated Drinking Water Dt:
Treated Drinking Water Qualifi:
Treated Drinking Water Reporti:
Treatd Drinking Water Sample:
Treated Drinking Water Units:
Treated Drinking Water Value:

Sample ID:
Matrix: Liquid
Chemical: PFDOA
Analytical Method Cd:
Qualifier: <
Value: 0
Lab Notes:
Reporting Limit: 2
Detection Limit:
QRAA: 0
Units: NG/L
Date: 8/20/2020
Chemical Name: Perfluorododecanoic acid
Regional Board:
Treated Drinking Water Dt:
Treated Drinking Water Qualifi:
Treated Drinking Water Reporti:
Treatd Drinking Water Sample:
Treated Drinking Water Units:

Treated Drinking Water Value:

Sample ID: ***Lab Notes:***
Matrix: Liquid ***Reporting Limit:*** 2
Chemical: PFDOA ***Detection Limit:***
Analytical Method Cd: ***QRAA:*** 0
Qualifier: < ***Units:*** NG/L
Value: 0 ***Date:*** 4/23/2020
Chemical Name: Perfluorododecanoic acid
Regional Board:
Treated Drinking Water Dt:
Treated Drinking Water Qualifi:
Treated Drinking Water Reporti:
Treatd Drinking Water Sample:
Treated Drinking Water Units:
Treated Drinking Water Value:

Sample ID: ***Lab Notes:***
Matrix: Liquid ***Reporting Limit:*** 2
Chemical: PFBSA ***Detection Limit:***
Analytical Method Cd: ***QRAA:*** 0
Qualifier: < ***Units:*** NG/L
Value: 0 ***Date:*** 8/20/2020
Chemical Name: Perfluorobutanesulfonic acid
Regional Board:
Treated Drinking Water Dt:
Treated Drinking Water Qualifi:
Treated Drinking Water Reporti:
Treatd Drinking Water Sample:
Treated Drinking Water Units:
Treated Drinking Water Value:

Sample ID: ***Lab Notes:***
Matrix: Liquid ***Reporting Limit:*** 2
Chemical: PFHA ***Detection Limit:***
Analytical Method Cd: ***QRAA:*** 0
Qualifier: < ***Units:*** NG/L
Value: 0 ***Date:*** 8/20/2020
Chemical Name: Perfluorohexanoic acid
Regional Board:
Treated Drinking Water Dt:
Treated Drinking Water Qualifi:
Treated Drinking Water Reporti:
Treatd Drinking Water Sample:
Treated Drinking Water Units:
Treated Drinking Water Value:

Sample ID: ***Lab Notes:***
Matrix: Liquid ***Reporting Limit:*** 2
Chemical: PFTEDA ***Detection Limit:***
Analytical Method Cd: ***QRAA:*** 0
Qualifier: < ***Units:*** NG/L
Value: 0 ***Date:*** 8/20/2020
Chemical Name: Perfluorotetradecanoic acid
Regional Board:
Treated Drinking Water Dt:
Treated Drinking Water Qualifi:
Treated Drinking Water Reporti:
Treatd Drinking Water Sample:
Treated Drinking Water Units:
Treated Drinking Water Value:

Sample ID: ***Lab Notes:***
Matrix: Liquid ***Reporting Limit:*** 2
Chemical: 9ClPF3ONS ***Detection Limit:***
Analytical Method Cd: ***QRAA:*** 0
Qualifier: < ***Units:*** NG/L
Value: 0 ***Date:*** 4/23/2020
Chemical Name: 9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid

Regional Board:
Treated Drinking Water Dt:
Treated Drinking Water Qualifi:
Treated Drinking Water Reporti:
Treatd Drinking Water Sample:
Treated Drinking Water Units:
Treated Drinking Water Value:

Sample ID: ***Lab Notes:***
Matrix: Liquid ***Reporting Limit:*** 2
Chemical: PFOS ***Detection Limit:***
Analytical Method Cd: ***QRAA:*** 0
Qualifier: < ***Units:*** NG/L
Value: 0 ***Date:*** 8/20/2020
Chemical Name: Perfluorooctane sulfonic acid (PFOS)
Regional Board:
Treated Drinking Water Dt:
Treated Drinking Water Qualifi:
Treated Drinking Water Reporti:
Treatd Drinking Water Sample:
Treated Drinking Water Units:
Treated Drinking Water Value:

Sample ID: ***Lab Notes:***
Matrix: Liquid ***Reporting Limit:*** 2
Chemical: PFNA ***Detection Limit:***
Analytical Method Cd: ***QRAA:*** 0
Qualifier: < ***Units:*** NG/L
Value: 0 ***Date:*** 8/20/2020
Chemical Name: Perfluorononanoic acid
Regional Board:
Treated Drinking Water Dt:
Treated Drinking Water Qualifi:
Treated Drinking Water Reporti:
Treatd Drinking Water Sample:
Treated Drinking Water Units:
Treated Drinking Water Value:

Sample ID: ***Lab Notes:***
Matrix: Liquid ***Reporting Limit:*** 2
Chemical: PFTRIDA ***Detection Limit:***
Analytical Method Cd: ***QRAA:*** 0
Qualifier: < ***Units:*** NG/L
Value: 0 ***Date:*** 8/20/2020
Chemical Name: Perfluorotridecanoic acid
Regional Board:
Treated Drinking Water Dt:
Treated Drinking Water Qualifi:
Treated Drinking Water Reporti:
Treatd Drinking Water Sample:
Treated Drinking Water Units:
Treated Drinking Water Value:

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6 ***5 of7*** ***ENE*** ***0.14 / 729.13*** ***72.46 / 1*** ***CA*** ***PFAS SAMPLING***

Global ID: 102140 ***Facility Type:***
Location ID: 102140 ***Latitude:*** 33.931900179
Status: ***Longitude:*** -118.344622174
Site Use: GAMA - Water Replenishment District ***Field Pt Class:*** WSW
Site Type: GAMA - Water Replenishment District
Public Water System Name:

PFAS Chemicals

Sample ID: ***Lab Notes:***

Matrix:	Liquid	**Reporting Limit:**	2
Chemical:	ADONA	**Detection Limit:**	
Analytical Method Cd:		**QRAA:**	0
Qualifier:	<	**Units:**	NG/L
Value:	0	**Date:**	4/23/2020
Chemical Name:	4,8-Dioxa-3H-perfluorononanoic acid		
Regional Board:			
Treated Drinking Water Dt:			
Treated Drinking Water Qualifi:			
Treated Drinking Water Reporti:			
Treatd Drinking Water Sample:			
Treated Drinking Water Units:			
Treated Drinking Water Value:			

Sample ID:		**Lab Notes:**	
Matrix:	Liquid	**Reporting Limit:**	2
Chemical:	PFNA	**Detection Limit:**	
Analytical Method Cd:		**QRAA:**	0
Qualifier:	<	**Units:**	NG/L
Value:	0	**Date:**	8/20/2020
Chemical Name:	Perfluorononanoic acid		
Regional Board:			
Treated Drinking Water Dt:			
Treated Drinking Water Qualifi:			
Treated Drinking Water Reporti:			
Treatd Drinking Water Sample:			
Treated Drinking Water Units:			
Treated Drinking Water Value:			

Sample ID:		**Lab Notes:**	
Matrix:	Liquid	**Reporting Limit:**	5
Chemical:	HFPA-DA	**Detection Limit:**	
Analytical Method Cd:		**QRAA:**	0
Qualifier:	<	**Units:**	NG/L
Value:	0	**Date:**	4/23/2020
Chemical Name:	2,3,3,3-tetrafluoro-2-(1,1,2,2,3,3,3-heptafluoropropoxy) propanoic acid		
Regional Board:			
Treated Drinking Water Dt:			
Treated Drinking Water Qualifi:			
Treated Drinking Water Reporti:			
Treatd Drinking Water Sample:			
Treated Drinking Water Units:			
Treated Drinking Water Value:			

Sample ID:		**Lab Notes:**	
Matrix:	Liquid	**Reporting Limit:**	2
Chemical:	PFOS	**Detection Limit:**	
Analytical Method Cd:		**QRAA:**	0
Qualifier:	<	**Units:**	NG/L
Value:	0	**Date:**	8/20/2020
Chemical Name:	Perfluorooctane sulfonic acid (PFOS)		
Regional Board:			
Treated Drinking Water Dt:			
Treated Drinking Water Qualifi:			
Treated Drinking Water Reporti:			
Treatd Drinking Water Sample:			
Treated Drinking Water Units:			
Treated Drinking Water Value:			

Sample ID:		**Lab Notes:**	
Matrix:	Liquid	**Reporting Limit:**	2
Chemical:	9ClPF3ONS	**Detection Limit:**	
Analytical Method Cd:		**QRAA:**	0
Qualifier:	<	**Units:**	NG/L
Value:	0	**Date:**	8/20/2020
Chemical Name:	9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid		
Regional Board:			
Treated Drinking Water Dt:			
Treated Drinking Water Qualifi:			

Treated Drinking Water Reporti:
Treatd Drinking Water Sample:
Treated Drinking Water Units:
Treated Drinking Water Value:

Sample ID: ***Lab Notes:***
Matrix: Liquid ***Reporting Limit:*** 2
Chemical: 11ClPF3OUDS ***Detection Limit:***
Analytical Method Cd: ***QRAA:*** 0
Qualifier: < ***Units:*** NG/L
Value: 0 ***Date:*** 8/20/2020
Chemical Name: 11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid
Regional Board:
Treated Drinking Water Dt:
Treated Drinking Water Qualifi:
Treated Drinking Water Reporti:
Treatd Drinking Water Sample:
Treated Drinking Water Units:
Treated Drinking Water Value:

Sample ID: ***Lab Notes:***
Matrix: Liquid ***Reporting Limit:*** 2
Chemical: NETFOSAA ***Detection Limit:***
Analytical Method Cd: ***QRAA:*** 0
Qualifier: < ***Units:*** NG/L
Value: 0 ***Date:*** 4/23/2020
Chemical Name: N-Ethyl perfluorooctane sulfonamidoacetic acid
Regional Board:
Treated Drinking Water Dt:
Treated Drinking Water Qualifi:
Treated Drinking Water Reporti:
Treatd Drinking Water Sample:
Treated Drinking Water Units:
Treated Drinking Water Value:

Sample ID: ***Lab Notes:***
Matrix: Liquid ***Reporting Limit:*** 2
Chemical: PFTRIDA ***Detection Limit:***
Analytical Method Cd: ***QRAA:*** 0
Qualifier: < ***Units:*** NG/L
Value: 0 ***Date:*** 4/23/2020
Chemical Name: Perfluorotridecanoic acid
Regional Board:
Treated Drinking Water Dt:
Treated Drinking Water Qualifi:
Treated Drinking Water Reporti:
Treatd Drinking Water Sample:
Treated Drinking Water Units:
Treated Drinking Water Value:

Sample ID: ***Lab Notes:***
Matrix: Liquid ***Reporting Limit:*** 2
Chemical: PFOA ***Detection Limit:***
Analytical Method Cd: ***QRAA:*** 0
Qualifier: < ***Units:*** NG/L
Value: 0 ***Date:*** 4/23/2020
Chemical Name: Perfluorooctanoic acid
Regional Board:
Treated Drinking Water Dt:
Treated Drinking Water Qualifi:
Treated Drinking Water Reporti:
Treatd Drinking Water Sample:
Treated Drinking Water Units:
Treated Drinking Water Value:

Sample ID: ***Lab Notes:***
Matrix: Liquid ***Reporting Limit:*** 2
Chemical: NETFOSAA ***Detection Limit:***
Analytical Method Cd: ***QRAA:*** 0

Qualifier: < **Units:** NG/L
Value: 0 **Date:** 8/20/2020
Chemical Name: N-Ethyl perfluorooctane sulfonamidoacetic acid
Regional Board:
Treated Drinking Water Dt:
Treated Drinking Water Qualifi:
Treated Drinking Water Reporti:
Treatd Drinking Water Sample:
Treated Drinking Water Units:
Treated Drinking Water Value:

Sample ID: **Lab Notes:**
Matrix: Liquid **Reporting Limit:** 2
Chemical: PFTRIDA **Detection Limit:**
Analytical Method Cd: **QRAA:** 0
Qualifier: < **Units:** NG/L
Value: 0 **Date:** 8/20/2020
Chemical Name: Perfluorotridecanoic acid
Regional Board:
Treated Drinking Water Dt:
Treated Drinking Water Qualifi:
Treated Drinking Water Reporti:
Treatd Drinking Water Sample:
Treated Drinking Water Units:
Treated Drinking Water Value:

Sample ID: **Lab Notes:**
Matrix: Liquid **Reporting Limit:** 2
Chemical: PFBSA **Detection Limit:**
Analytical Method Cd: **QRAA:** 0
Qualifier: < **Units:** NG/L
Value: 0 **Date:** 8/20/2020
Chemical Name: Perfluorobutanesulfonic acid
Regional Board:
Treated Drinking Water Dt:
Treated Drinking Water Qualifi:
Treated Drinking Water Reporti:
Treatd Drinking Water Sample:
Treated Drinking Water Units:
Treated Drinking Water Value:

Sample ID: **Lab Notes:**
Matrix: Liquid **Reporting Limit:** 5
Chemical: HFPA-DA **Detection Limit:**
Analytical Method Cd: **QRAA:** 0
Qualifier: < **Units:** NG/L
Value: 0 **Date:** 8/20/2020
Chemical Name: 2,3,3,3-tetrafluoro-2-(1,1,2,2,3,3,3-heptafluoropropoxy) propanoic acid
Regional Board:
Treated Drinking Water Dt:
Treated Drinking Water Qualifi:
Treated Drinking Water Reporti:
Treatd Drinking Water Sample:
Treated Drinking Water Units:
Treated Drinking Water Value:

Sample ID: **Lab Notes:**
Matrix: Liquid **Reporting Limit:** 2
Chemical: PFOS **Detection Limit:**
Analytical Method Cd: **QRAA:** 0
Qualifier: < **Units:** NG/L
Value: 0 **Date:** 4/23/2020
Chemical Name: Perfluorooctane sulfonic acid (PFOS)
Regional Board:
Treated Drinking Water Dt:
Treated Drinking Water Qualifi:
Treated Drinking Water Reporti:
Treatd Drinking Water Sample:
Treated Drinking Water Units:

Treated Drinking Water Value:

Sample ID: ***Lab Notes:***
Matrix: Liquid ***Reporting Limit:*** 2
Chemical: PFTEDA ***Detection Limit:***
Analytical Method Cd: ***QRAA:*** 0
Qualifier: < ***Units:*** NG/L
Value: 0 ***Date:*** 8/20/2020
Chemical Name: Perfluorotetradecanoic acid
Regional Board:
Treated Drinking Water Dt:
Treated Drinking Water Qualifi:
Treated Drinking Water Reporti:
Treatd Drinking Water Sample:
Treated Drinking Water Units:
Treated Drinking Water Value:

Sample ID: ***Lab Notes:***
Matrix: Liquid ***Reporting Limit:*** 2
Chemical: PFHA ***Detection Limit:***
Analytical Method Cd: ***QRAA:*** 0
Qualifier: < ***Units:*** NG/L
Value: 0 ***Date:*** 4/23/2020
Chemical Name: Perfluorohexanoic acid
Regional Board:
Treated Drinking Water Dt:
Treated Drinking Water Qualifi:
Treated Drinking Water Reporti:
Treatd Drinking Water Sample:
Treated Drinking Water Units:
Treated Drinking Water Value:

Sample ID: ***Lab Notes:***
Matrix: Liquid ***Reporting Limit:*** 2
Chemical: NMEFOSAA ***Detection Limit:***
Analytical Method Cd: ***QRAA:*** 0
Qualifier: < ***Units:*** NG/L
Value: 0 ***Date:*** 8/20/2020
Chemical Name: N-Methyl perfluorooctane sulfonamidoacetic acid
Regional Board:
Treated Drinking Water Dt:
Treated Drinking Water Qualifi:
Treated Drinking Water Reporti:
Treatd Drinking Water Sample:
Treated Drinking Water Units:
Treated Drinking Water Value:

Sample ID: ***Lab Notes:***
Matrix: Liquid ***Reporting Limit:*** 2
Chemical: ADONA ***Detection Limit:***
Analytical Method Cd: ***QRAA:*** 0
Qualifier: < ***Units:*** NG/L
Value: 0 ***Date:*** 8/20/2020
Chemical Name: 4,8-Dioxa-3H-perfluorononanoic acid
Regional Board:
Treated Drinking Water Dt:
Treated Drinking Water Qualifi:
Treated Drinking Water Reporti:
Treatd Drinking Water Sample:
Treated Drinking Water Units:
Treated Drinking Water Value:

Sample ID: ***Lab Notes:***
Matrix: Liquid ***Reporting Limit:*** 2
Chemical: PFHXSA ***Detection Limit:***
Analytical Method Cd: ***QRAA:*** 0
Qualifier: < ***Units:*** NG/L
Value: 0 ***Date:*** 8/20/2020
Chemical Name: Perfluorohexanesulfonic acid

Regional Board:
Treated Drinking Water Dt:
Treated Drinking Water Qualifi:
Treated Drinking Water Reporti:
Treatd Drinking Water Sample:
Treated Drinking Water Units:
Treated Drinking Water Value:

Sample ID: ***Lab Notes:***
Matrix: Liquid ***Reporting Limit:*** 2
Chemical: 9ClPF3ONS ***Detection Limit:***
Analytical Method Cd: ***QRAA:*** 0
Qualifier: < ***Units:*** NG/L
Value: 0 ***Date:*** 4/23/2020
Chemical Name: 9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid
Regional Board:
Treated Drinking Water Dt:
Treated Drinking Water Qualifi:
Treated Drinking Water Reporti:
Treatd Drinking Water Sample:
Treated Drinking Water Units:
Treated Drinking Water Value:

Sample ID: ***Lab Notes:***
Matrix: Liquid ***Reporting Limit:*** 2
Chemical: PFHXSA ***Detection Limit:***
Analytical Method Cd: ***QRAA:*** 0
Qualifier: < ***Units:*** NG/L
Value: 0 ***Date:*** 4/23/2020
Chemical Name: Perfluorohexanesulfonic acid
Regional Board:
Treated Drinking Water Dt:
Treated Drinking Water Qualifi:
Treated Drinking Water Reporti:
Treatd Drinking Water Sample:
Treated Drinking Water Units:
Treated Drinking Water Value:

Sample ID: ***Lab Notes:***
Matrix: Liquid ***Reporting Limit:*** 2
Chemical: PFOA ***Detection Limit:***
Analytical Method Cd: ***QRAA:*** 0
Qualifier: < ***Units:*** NG/L
Value: 0 ***Date:*** 8/20/2020
Chemical Name: Perfluorooctanoic acid
Regional Board:
Treated Drinking Water Dt:
Treated Drinking Water Qualifi:
Treated Drinking Water Reporti:
Treatd Drinking Water Sample:
Treated Drinking Water Units:
Treated Drinking Water Value:

Sample ID: ***Lab Notes:***
Matrix: Liquid ***Reporting Limit:*** 2
Chemical: PFNDCA ***Detection Limit:***
Analytical Method Cd: ***QRAA:*** 0
Qualifier: < ***Units:*** NG/L
Value: 0 ***Date:*** 8/20/2020
Chemical Name: Perfluorodecanoic acid
Regional Board:
Treated Drinking Water Dt:
Treated Drinking Water Qualifi:
Treated Drinking Water Reporti:
Treatd Drinking Water Sample:
Treated Drinking Water Units:
Treated Drinking Water Value:

Sample ID: ***Lab Notes:***

Matrix:	Liquid	**Reporting Limit:**	2
Chemical:	PFNA	**Detection Limit:**	
Analytical Method Cd:		**QRAA:**	0
Qualifier:	<	**Units:**	NG/L
Value:	0	**Date:**	4/23/2020
Chemical Name:	Perfluorononanoic acid		
Regional Board:			
Treated Drinking Water Dt:			
Treated Drinking Water Qualifi:			
Treated Drinking Water Reporti:			
Treatd Drinking Water Sample:			
Treated Drinking Water Units:			
Treated Drinking Water Value:			

Sample ID:		**Lab Notes:**	
Matrix:	Liquid	**Reporting Limit:**	2
Chemical:	PFHPA	**Detection Limit:**	
Analytical Method Cd:		**QRAA:**	0
Qualifier:	<	**Units:**	NG/L
Value:	0	**Date:**	4/23/2020
Chemical Name:	Perfluoroheptanoic acid		
Regional Board:			
Treated Drinking Water Dt:			
Treated Drinking Water Qualifi:			
Treated Drinking Water Reporti:			
Treatd Drinking Water Sample:			
Treated Drinking Water Units:			
Treated Drinking Water Value:			

Sample ID:		**Lab Notes:**	
Matrix:	Liquid	**Reporting Limit:**	2
Chemical:	PFTEDA	**Detection Limit:**	
Analytical Method Cd:		**QRAA:**	0
Qualifier:	<	**Units:**	NG/L
Value:	0	**Date:**	4/23/2020
Chemical Name:	Perfluorotetradecanoic acid		
Regional Board:			
Treated Drinking Water Dt:			
Treated Drinking Water Qualifi:			
Treated Drinking Water Reporti:			
Treatd Drinking Water Sample:			
Treated Drinking Water Units:			
Treated Drinking Water Value:			

Sample ID:		**Lab Notes:**	
Matrix:	Liquid	**Reporting Limit:**	2
Chemical:	PFUNDCA	**Detection Limit:**	
Analytical Method Cd:		**QRAA:**	0
Qualifier:	<	**Units:**	NG/L
Value:	0	**Date:**	8/20/2020
Chemical Name:	Perfluoroundecanoic acid		
Regional Board:			
Treated Drinking Water Dt:			
Treated Drinking Water Qualifi:			
Treated Drinking Water Reporti:			
Treatd Drinking Water Sample:			
Treated Drinking Water Units:			
Treated Drinking Water Value:			

Sample ID:		**Lab Notes:**	
Matrix:	Liquid	**Reporting Limit:**	2
Chemical:	11ClPF3OUDS	**Detection Limit:**	
Analytical Method Cd:		**QRAA:**	0
Qualifier:	<	**Units:**	NG/L
Value:	0	**Date:**	4/23/2020
Chemical Name:	11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid		
Regional Board:			
Treated Drinking Water Dt:			
Treated Drinking Water Qualifi:			

Treated Drinking Water Reporti:
Treatd Drinking Water Sample:
Treated Drinking Water Units:
Treated Drinking Water Value:

Sample ID: ***Lab Notes:***
Matrix: Liquid ***Reporting Limit:*** 2
Chemical: NMEFOSAA ***Detection Limit:***
Analytical Method Cd: ***QRAA:*** 0
Qualifier: < ***Units:*** NG/L
Value: 0 ***Date:*** 4/23/2020
Chemical Name: N-Methyl perfluorooctane sulfonamidoacetic acid
Regional Board:
Treated Drinking Water Dt:
Treated Drinking Water Qualifi:
Treated Drinking Water Reporti:
Treatd Drinking Water Sample:
Treated Drinking Water Units:
Treated Drinking Water Value:

Sample ID: ***Lab Notes:***
Matrix: Liquid ***Reporting Limit:*** 2
Chemical: PFBSA ***Detection Limit:***
Analytical Method Cd: ***QRAA:*** 0
Qualifier: < ***Units:*** NG/L
Value: 0 ***Date:*** 4/23/2020
Chemical Name: Perfluorobutanesulfonic acid
Regional Board:
Treated Drinking Water Dt:
Treated Drinking Water Qualifi:
Treated Drinking Water Reporti:
Treatd Drinking Water Sample:
Treated Drinking Water Units:
Treated Drinking Water Value:

Sample ID: ***Lab Notes:***
Matrix: Liquid ***Reporting Limit:*** 2
Chemical: PFDOA ***Detection Limit:***
Analytical Method Cd: ***QRAA:*** 0
Qualifier: < ***Units:*** NG/L
Value: 0 ***Date:*** 8/20/2020
Chemical Name: Perfluorododecanoic acid
Regional Board:
Treated Drinking Water Dt:
Treated Drinking Water Qualifi:
Treated Drinking Water Reporti:
Treatd Drinking Water Sample:
Treated Drinking Water Units:
Treated Drinking Water Value:

Sample ID: ***Lab Notes:***
Matrix: Liquid ***Reporting Limit:*** 2
Chemical: PFUNDCA ***Detection Limit:***
Analytical Method Cd: ***QRAA:*** 0
Qualifier: < ***Units:*** NG/L
Value: 0 ***Date:*** 4/23/2020
Chemical Name: Perfluoroundecanoic acid
Regional Board:
Treated Drinking Water Dt:
Treated Drinking Water Qualifi:
Treated Drinking Water Reporti:
Treatd Drinking Water Sample:
Treated Drinking Water Units:
Treated Drinking Water Value:

Sample ID: ***Lab Notes:***
Matrix: Liquid ***Reporting Limit:*** 2
Chemical: PFHA ***Detection Limit:***
Analytical Method Cd: ***QRAA:*** 0

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Qualifier: <
Value: 0
Chemical Name: Perfluorohexanoic acid
Regional Board:
Treated Drinking Water Dt:
Treated Drinking Water Qualifi:
Treated Drinking Water Reporti:
Treatd Drinking Water Sample:
Treated Drinking Water Units:
Treated Drinking Water Value:
Units: NG/L
Date: 8/20/2020

Sample ID:
Matrix: Liquid
Chemical: PFHPA
Analytical Method Cd:
Qualifier: <
Value: 0
Chemical Name: Perfluoroheptanoic acid
Regional Board:
Treated Drinking Water Dt:
Treated Drinking Water Qualifi:
Treated Drinking Water Reporti:
Treatd Drinking Water Sample:
Treated Drinking Water Units:
Treated Drinking Water Value:
Lab Notes:
Reporting Limit: 2
Detection Limit:
QRAA: 0
Units: NG/L
Date: 8/20/2020

Sample ID:
Matrix: Liquid
Chemical: PFNDCA
Analytical Method Cd:
Qualifier: <
Value: 0
Chemical Name: Perfluorodecanoic acid
Regional Board:
Treated Drinking Water Dt:
Treated Drinking Water Qualifi:
Treated Drinking Water Reporti:
Treatd Drinking Water Sample:
Treated Drinking Water Units:
Treated Drinking Water Value:
Lab Notes:
Reporting Limit: 2
Detection Limit:
QRAA: 0
Units: NG/L
Date: 4/23/2020

Sample ID:
Matrix: Liquid
Chemical: PFDOA
Analytical Method Cd:
Qualifier: <
Value: 0
Chemical Name: Perfluorododecanoic acid
Regional Board:
Treated Drinking Water Dt:
Treated Drinking Water Qualifi:
Treated Drinking Water Reporti:
Treatd Drinking Water Sample:
Treated Drinking Water Units:
Treated Drinking Water Value:
Lab Notes:
Reporting Limit: 2
Detection Limit:
QRAA: 0
Units: NG/L
Date: 4/23/2020

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
6	6 of7	ENE	0.14 / 729.13	72.46 / 1	CA	PFAS SAMPLING

Global ID: 102143
Location ID: 102143
Status:
Site Use: GAMA - Water Replenishment District
Site Type: GAMA - Water Replenishment District
Public Water System Name: USGS-SNAPA
Facility Type:
Latitude: 33.931900179
Longitude: -118.344622174
Field Pt Class: WSW

PFAS Chemicals

Sample ID:
Matrix: Liquid
Chemical: NMEFOSAA
Analytical Method Cd:
Qualifier: <
Value: 0
Chemical Name: N-Methyl perfluorooctane sulfonamidoacetic acid
Regional Board:
Treated Drinking Water Dt:
Treated Drinking Water Qualifi:
Treated Drinking Water Reporti:
Treatd Drinking Water Sample:
Treated Drinking Water Units:
Treated Drinking Water Value:
Lab Notes:
Reporting Limit: 2
Detection Limit:
QRAA: 0
Units: NG/L
Date: 8/20/2020

Sample ID:
Matrix: Liquid
Chemical: PFHPA
Analytical Method Cd:
Qualifier: <
Value: 0
Chemical Name: Perfluoroheptanoic acid
Regional Board:
Treated Drinking Water Dt:
Treated Drinking Water Qualifi:
Treated Drinking Water Reporti:
Treatd Drinking Water Sample:
Treated Drinking Water Units:
Treated Drinking Water Value:
Lab Notes:
Reporting Limit: 2
Detection Limit:
QRAA: 0
Units: NG/L
Date: 4/23/2020

Sample ID:
Matrix: Liquid
Chemical: PFBSA
Analytical Method Cd:
Qualifier: <
Value: 0
Chemical Name: Perfluorobutanesulfonic acid
Regional Board:
Treated Drinking Water Dt:
Treated Drinking Water Qualifi:
Treated Drinking Water Reporti:
Treatd Drinking Water Sample:
Treated Drinking Water Units:
Treated Drinking Water Value:
Lab Notes:
Reporting Limit: 2
Detection Limit:
QRAA: 0
Units: NG/L
Date: 8/20/2020

Sample ID:
Matrix: Liquid
Chemical: ADONA
Analytical Method Cd:
Qualifier: <
Value: 0
Chemical Name: 4,8-Dioxa-3H-perfluorononanoic acid
Regional Board:
Treated Drinking Water Dt:
Treated Drinking Water Qualifi:
Treated Drinking Water Reporti:
Treatd Drinking Water Sample:
Treated Drinking Water Units:
Treated Drinking Water Value:
Lab Notes:
Reporting Limit: 2
Detection Limit:
QRAA: 0
Units: NG/L
Date: 4/23/2020

Sample ID:
Matrix: Liquid
Chemical: PFOS
Analytical Method Cd:
Qualifier: <
Value: 0
Chemical Name: Perfluorooctane sulfonic acid (PFOS)
Lab Notes:
Reporting Limit: 2
Detection Limit:
QRAA: 0
Units: NG/L
Date: 4/23/2020

Regional Board:
Treated Drinking Water Dt:
Treated Drinking Water Qualifi:
Treated Drinking Water Reporti:
Treatd Drinking Water Sample:
Treated Drinking Water Units:
Treated Drinking Water Value:

Sample ID: ***Lab Notes:***
Matrix: Liquid ***Reporting Limit:*** 2
Chemical: PFDOA ***Detection Limit:***
Analytical Method Cd: ***QRAA:*** 0
Qualifier: < ***Units:*** NG/L
Value: 0 ***Date:*** 4/23/2020
Chemical Name: Perfluorododecanoic acid
Regional Board:
Treated Drinking Water Dt:
Treated Drinking Water Qualifi:
Treated Drinking Water Reporti:
Treatd Drinking Water Sample:
Treated Drinking Water Units:
Treated Drinking Water Value:

Sample ID: ***Lab Notes:***
Matrix: Liquid ***Reporting Limit:*** 2
Chemical: PFHA ***Detection Limit:***
Analytical Method Cd: ***QRAA:*** 0
Qualifier: < ***Units:*** NG/L
Value: 0 ***Date:*** 8/20/2020
Chemical Name: Perfluorohexanoic acid
Regional Board:
Treated Drinking Water Dt:
Treated Drinking Water Qualifi:
Treated Drinking Water Reporti:
Treatd Drinking Water Sample:
Treated Drinking Water Units:
Treated Drinking Water Value:

Sample ID: ***Lab Notes:***
Matrix: Liquid ***Reporting Limit:*** 2
Chemical: PFBSA ***Detection Limit:***
Analytical Method Cd: ***QRAA:*** 0
Qualifier: < ***Units:*** NG/L
Value: 0 ***Date:*** 4/23/2020
Chemical Name: Perfluorobutanesulfonic acid
Regional Board:
Treated Drinking Water Dt:
Treated Drinking Water Qualifi:
Treated Drinking Water Reporti:
Treatd Drinking Water Sample:
Treated Drinking Water Units:
Treated Drinking Water Value:

Sample ID: ***Lab Notes:***
Matrix: Liquid ***Reporting Limit:*** 5
Chemical: HFPA-DA ***Detection Limit:***
Analytical Method Cd: ***QRAA:*** 0
Qualifier: < ***Units:*** NG/L
Value: 0 ***Date:*** 8/20/2020
Chemical Name: 2,3,3,3-tetrafluoro-2-(1,1,2,2,3,3,3-heptafluoropropoxy) propanoic acid
Regional Board:
Treated Drinking Water Dt:
Treated Drinking Water Qualifi:
Treated Drinking Water Reporti:
Treatd Drinking Water Sample:
Treated Drinking Water Units:
Treated Drinking Water Value:

Sample ID: ***Lab Notes:***

Matrix:	Liquid	**Reporting Limit:**	2
Chemical:	ADONA	**Detection Limit:**	
Analytical Method Cd:		**QRAA:**	0
Qualifier:	<	**Units:**	NG/L
Value:	0	**Date:**	8/20/2020
Chemical Name:	4,8-Dioxa-3H-perfluorononanoic acid		
Regional Board:			
Treated Drinking Water Dt:			
Treated Drinking Water Qualifi:			
Treated Drinking Water Reporti:			
Treatd Drinking Water Sample:			
Treated Drinking Water Units:			
Treated Drinking Water Value:			

Sample ID:		**Lab Notes:**	
Matrix:	Liquid	**Reporting Limit:**	2
Chemical:	PFTEDA	**Detection Limit:**	
Analytical Method Cd:		**QRAA:**	0
Qualifier:	<	**Units:**	NG/L
Value:	0	**Date:**	4/23/2020
Chemical Name:	Perfluorotetradecanoic acid		
Regional Board:			
Treated Drinking Water Dt:			
Treated Drinking Water Qualifi:			
Treated Drinking Water Reporti:			
Treatd Drinking Water Sample:			
Treated Drinking Water Units:			
Treated Drinking Water Value:			

Sample ID:		**Lab Notes:**	
Matrix:	Liquid	**Reporting Limit:**	2
Chemical:	9ClPF3ONS	**Detection Limit:**	
Analytical Method Cd:		**QRAA:**	0
Qualifier:	<	**Units:**	NG/L
Value:	0	**Date:**	8/20/2020
Chemical Name:	9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid		
Regional Board:			
Treated Drinking Water Dt:			
Treated Drinking Water Qualifi:			
Treated Drinking Water Reporti:			
Treatd Drinking Water Sample:			
Treated Drinking Water Units:			
Treated Drinking Water Value:			

Sample ID:		**Lab Notes:**	
Matrix:	Liquid	**Reporting Limit:**	2
Chemical:	PFHPA	**Detection Limit:**	
Analytical Method Cd:		**QRAA:**	0
Qualifier:	<	**Units:**	NG/L
Value:	0	**Date:**	8/20/2020
Chemical Name:	Perfluoroheptanoic acid		
Regional Board:			
Treated Drinking Water Dt:			
Treated Drinking Water Qualifi:			
Treated Drinking Water Reporti:			
Treatd Drinking Water Sample:			
Treated Drinking Water Units:			
Treated Drinking Water Value:			

Sample ID:		**Lab Notes:**	
Matrix:	Liquid	**Reporting Limit:**	2
Chemical:	PFTRIDA	**Detection Limit:**	
Analytical Method Cd:		**QRAA:**	0
Qualifier:	<	**Units:**	NG/L
Value:	0	**Date:**	8/20/2020
Chemical Name:	Perfluorotridecanoic acid		
Regional Board:			
Treated Drinking Water Dt:			
Treated Drinking Water Qualifi:			

Treated Drinking Water Reporti:
Treatd Drinking Water Sample:
Treated Drinking Water Units:
Treated Drinking Water Value:

Sample ID: ***Lab Notes:***
Matrix: Liquid ***Reporting Limit:*** 2
Chemical: NMEFOSAA ***Detection Limit:***
Analytical Method Cd: ***QRAA:*** 0
Qualifier: < ***Units:*** NG/L
Value: 0 ***Date:*** 4/23/2020
Chemical Name: N-Methyl perfluorooctane sulfonamidoacetic acid
Regional Board:
Treated Drinking Water Dt:
Treated Drinking Water Qualifi:
Treated Drinking Water Reporti:
Treatd Drinking Water Sample:
Treated Drinking Water Units:
Treated Drinking Water Value:

Sample ID: ***Lab Notes:***
Matrix: Liquid ***Reporting Limit:*** 2
Chemical: PFNDCA ***Detection Limit:***
Analytical Method Cd: ***QRAA:*** 0
Qualifier: < ***Units:*** NG/L
Value: 0 ***Date:*** 8/20/2020
Chemical Name: Perfluorodecanoic acid
Regional Board:
Treated Drinking Water Dt:
Treated Drinking Water Qualifi:
Treated Drinking Water Reporti:
Treatd Drinking Water Sample:
Treated Drinking Water Units:
Treated Drinking Water Value:

Sample ID: ***Lab Notes:***
Matrix: Liquid ***Reporting Limit:*** 2
Chemical: 9ClPF3ONS ***Detection Limit:***
Analytical Method Cd: ***QRAA:*** 0
Qualifier: < ***Units:*** NG/L
Value: 0 ***Date:*** 4/23/2020
Chemical Name: 9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid
Regional Board:
Treated Drinking Water Dt:
Treated Drinking Water Qualifi:
Treated Drinking Water Reporti:
Treatd Drinking Water Sample:
Treated Drinking Water Units:
Treated Drinking Water Value:

Sample ID: ***Lab Notes:***
Matrix: Liquid ***Reporting Limit:*** 2
Chemical: PFDOA ***Detection Limit:***
Analytical Method Cd: ***QRAA:*** 0
Qualifier: < ***Units:*** NG/L
Value: 0 ***Date:*** 8/20/2020
Chemical Name: Perfluorododecanoic acid
Regional Board:
Treated Drinking Water Dt:
Treated Drinking Water Qualifi:
Treated Drinking Water Reporti:
Treatd Drinking Water Sample:
Treated Drinking Water Units:
Treated Drinking Water Value:

Sample ID: ***Lab Notes:***
Matrix: Liquid ***Reporting Limit:*** 2
Chemical: PFUNDCA ***Detection Limit:***
Analytical Method Cd: ***QRAA:*** 0

Qualifier:	<	**Units:**	NG/L
Value:	0	**Date:**	4/23/2020
Chemical Name:	Perfluoroundecanoic acid		
Regional Board:			
Treated Drinking Water Dt:			
Treated Drinking Water Qualifi:			
Treated Drinking Water Reporti:			
Treatd Drinking Water Sample:			
Treated Drinking Water Units:			
Treated Drinking Water Value:			

Sample ID:		**Lab Notes:**	
Matrix:	Liquid	**Reporting Limit:**	2
Chemical:	PFOS	**Detection Limit:**	
Analytical Method Cd:		**QRAA:**	0
Qualifier:	<	**Units:**	NG/L
Value:	0	**Date:**	8/20/2020
Chemical Name:	Perfluorooctane sulfonic acid (PFOS)		
Regional Board:			
Treated Drinking Water Dt:			
Treated Drinking Water Qualifi:			
Treated Drinking Water Reporti:			
Treatd Drinking Water Sample:			
Treated Drinking Water Units:			
Treated Drinking Water Value:			

Sample ID:		**Lab Notes:**	
Matrix:	Liquid	**Reporting Limit:**	2
Chemical:	NETFOSAA	**Detection Limit:**	
Analytical Method Cd:		**QRAA:**	0
Qualifier:	<	**Units:**	NG/L
Value:	0	**Date:**	4/23/2020
Chemical Name:	N-Ethyl perfluorooctane sulfonamidoacetic acid		
Regional Board:			
Treated Drinking Water Dt:			
Treated Drinking Water Qualifi:			
Treated Drinking Water Reporti:			
Treatd Drinking Water Sample:			
Treated Drinking Water Units:			
Treated Drinking Water Value:			

Sample ID:		**Lab Notes:**	
Matrix:	Liquid	**Reporting Limit:**	2
Chemical:	PFTRIDA	**Detection Limit:**	
Analytical Method Cd:		**QRAA:**	0
Qualifier:	<	**Units:**	NG/L
Value:	0	**Date:**	4/23/2020
Chemical Name:	Perfluorotridecanoic acid		
Regional Board:			
Treated Drinking Water Dt:			
Treated Drinking Water Qualifi:			
Treated Drinking Water Reporti:			
Treatd Drinking Water Sample:			
Treated Drinking Water Units:			
Treated Drinking Water Value:			

Sample ID:		**Lab Notes:**	
Matrix:	Liquid	**Reporting Limit:**	2
Chemical:	PFNA	**Detection Limit:**	
Analytical Method Cd:		**QRAA:**	0
Qualifier:	<	**Units:**	NG/L
Value:	0	**Date:**	4/23/2020
Chemical Name:	Perfluorononanoic acid		
Regional Board:			
Treated Drinking Water Dt:			
Treated Drinking Water Qualifi:			
Treated Drinking Water Reporti:			
Treatd Drinking Water Sample:			
Treated Drinking Water Units:			

Treated Drinking Water Value:

Sample ID: ***Lab Notes:***
Matrix: Liquid ***Reporting Limit:*** 2
Chemical: 11ClPF3OUDS ***Detection Limit:***
Analytical Method Cd: ***QRAA:*** 0
Qualifier: < ***Units:*** NG/L
Value: 0 ***Date:*** 8/20/2020
Chemical Name: 11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid
Regional Board:
Treated Drinking Water Dt:
Treated Drinking Water Qualifi:
Treated Drinking Water Reporti:
Treatd Drinking Water Sample:
Treated Drinking Water Units:
Treated Drinking Water Value:

Sample ID: ***Lab Notes:***
Matrix: Liquid ***Reporting Limit:*** 2
Chemical: PFHXSA ***Detection Limit:***
Analytical Method Cd: ***QRAA:*** 0
Qualifier: < ***Units:*** NG/L
Value: 0 ***Date:*** 8/20/2020
Chemical Name: Perfluorohexanesulfonic acid
Regional Board:
Treated Drinking Water Dt:
Treated Drinking Water Qualifi:
Treated Drinking Water Reporti:
Treatd Drinking Water Sample:
Treated Drinking Water Units:
Treated Drinking Water Value:

Sample ID: ***Lab Notes:***
Matrix: Liquid ***Reporting Limit:*** 2
Chemical: PFUNDCA ***Detection Limit:***
Analytical Method Cd: ***QRAA:*** 0
Qualifier: < ***Units:*** NG/L
Value: 0 ***Date:*** 8/20/2020
Chemical Name: Perfluoroundecanoic acid
Regional Board:
Treated Drinking Water Dt:
Treated Drinking Water Qualifi:
Treated Drinking Water Reporti:
Treatd Drinking Water Sample:
Treated Drinking Water Units:
Treated Drinking Water Value:

Sample ID: ***Lab Notes:***
Matrix: Liquid ***Reporting Limit:*** 2
Chemical: PFTEDA ***Detection Limit:***
Analytical Method Cd: ***QRAA:*** 0
Qualifier: < ***Units:*** NG/L
Value: 0 ***Date:*** 8/20/2020
Chemical Name: Perfluorotetradecanoic acid
Regional Board:
Treated Drinking Water Dt:
Treated Drinking Water Qualifi:
Treated Drinking Water Reporti:
Treatd Drinking Water Sample:
Treated Drinking Water Units:
Treated Drinking Water Value:

Sample ID: ***Lab Notes:***
Matrix: Liquid ***Reporting Limit:*** 2
Chemical: 11ClPF3OUDS ***Detection Limit:***
Analytical Method Cd: ***QRAA:*** 0
Qualifier: < ***Units:*** NG/L
Value: 0 ***Date:*** 4/23/2020
Chemical Name: 11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid

Regional Board:
Treated Drinking Water Dt:
Treated Drinking Water Qualifi:
Treated Drinking Water Reporti:
Treatd Drinking Water Sample:
Treated Drinking Water Units:
Treated Drinking Water Value:

Sample ID: ***Lab Notes:***
Matrix: Liquid ***Reporting Limit:*** 2
Chemical: PFOA ***Detection Limit:***
Analytical Method Cd: ***QRAA:*** 0
Qualifier: < ***Units:*** NG/L
Value: 0 ***Date:*** 8/20/2020
Chemical Name: Perfluorooctanoic acid
Regional Board:
Treated Drinking Water Dt:
Treated Drinking Water Qualifi:
Treated Drinking Water Reporti:
Treatd Drinking Water Sample:
Treated Drinking Water Units:
Treated Drinking Water Value:

Sample ID: ***Lab Notes:***
Matrix: Liquid ***Reporting Limit:*** 2
Chemical: PFHA ***Detection Limit:***
Analytical Method Cd: ***QRAA:*** 0
Qualifier: < ***Units:*** NG/L
Value: 0 ***Date:*** 4/23/2020
Chemical Name: Perfluorohexanoic acid
Regional Board:
Treated Drinking Water Dt:
Treated Drinking Water Qualifi:
Treated Drinking Water Reporti:
Treatd Drinking Water Sample:
Treated Drinking Water Units:
Treated Drinking Water Value:

Sample ID: ***Lab Notes:***
Matrix: Liquid ***Reporting Limit:*** 5
Chemical: HFPA-DA ***Detection Limit:***
Analytical Method Cd: ***QRAA:*** 0
Qualifier: < ***Units:*** NG/L
Value: 0 ***Date:*** 4/23/2020
Chemical Name: 2,3,3,3-tetrafluoro-2-(1,1,2,2,3,3,3-heptafluoropropoxy) propanoic acid
Regional Board:
Treated Drinking Water Dt:
Treated Drinking Water Qualifi:
Treated Drinking Water Reporti:
Treatd Drinking Water Sample:
Treated Drinking Water Units:
Treated Drinking Water Value:

Sample ID: ***Lab Notes:***
Matrix: Liquid ***Reporting Limit:*** 2
Chemical: PFNA ***Detection Limit:***
Analytical Method Cd: ***QRAA:*** 0
Qualifier: < ***Units:*** NG/L
Value: 0 ***Date:*** 8/20/2020
Chemical Name: Perfluorononanoic acid
Regional Board:
Treated Drinking Water Dt:
Treated Drinking Water Qualifi:
Treated Drinking Water Reporti:
Treatd Drinking Water Sample:
Treated Drinking Water Units:
Treated Drinking Water Value:

Sample ID: ***Lab Notes:***

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Matrix:	Liquid	**Reporting Limit:**	2
Chemical:	PFOA	**Detection Limit:**	
Analytical Method Cd:		**QRAA:**	0
Qualifier:	<	**Units:**	NG/L
Value:	0	**Date:**	4/23/2020
Chemical Name:	Perfluorooctanoic acid		
Regional Board:			
Treated Drinking Water Dt:			
Treated Drinking Water Qualifi:			
Treated Drinking Water Reporti:			
Treatd Drinking Water Sample:			
Treated Drinking Water Units:			
Treated Drinking Water Value:			

Sample ID:		**Lab Notes:**	
Matrix:	Liquid	**Reporting Limit:**	2
Chemical:	NETFOSAA	**Detection Limit:**	
Analytical Method Cd:		**QRAA:**	0
Qualifier:	<	**Units:**	NG/L
Value:	0	**Date:**	8/20/2020
Chemical Name:	N-Ethyl perfluorooctane sulfonamidoacetic acid		
Regional Board:			
Treated Drinking Water Dt:			
Treated Drinking Water Qualifi:			
Treated Drinking Water Reporti:			
Treatd Drinking Water Sample:			
Treated Drinking Water Units:			
Treated Drinking Water Value:			

Sample ID:		**Lab Notes:**	
Matrix:	Liquid	**Reporting Limit:**	2
Chemical:	PFNDCA	**Detection Limit:**	
Analytical Method Cd:		**QRAA:**	0
Qualifier:	<	**Units:**	NG/L
Value:	0	**Date:**	4/23/2020
Chemical Name:	Perfluorodecanoic acid		
Regional Board:			
Treated Drinking Water Dt:			
Treated Drinking Water Qualifi:			
Treated Drinking Water Reporti:			
Treatd Drinking Water Sample:			
Treated Drinking Water Units:			
Treated Drinking Water Value:			

Sample ID:		**Lab Notes:**	
Matrix:	Liquid	**Reporting Limit:**	2
Chemical:	PFHXSA	**Detection Limit:**	
Analytical Method Cd:		**QRAA:**	0
Qualifier:	<	**Units:**	NG/L
Value:	0	**Date:**	4/23/2020
Chemical Name:	Perfluorohexanesulfonic acid		
Regional Board:			
Treated Drinking Water Dt:			
Treated Drinking Water Qualifi:			
Treated Drinking Water Reporti:			
Treatd Drinking Water Sample:			
Treated Drinking Water Units:			
Treated Drinking Water Value:			

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Global ID:	102144	**Facility Type:**	
Location ID:	102144	**Latitude:**	33.931900179
Status:		**Longitude:**	-118.344622174
Site Use:	GAMA - Water Replenishment District	**Field Pt Class:**	WSW
Site Type:	GAMA - Water Replenishment District		

Public Water System Name: USGS-SNAPA

PFAS Chemicals

Sample ID:
Matrix: Liquid
Chemical: PFHPA
Analytical Method Cd:
Qualifier: <
Value: 0
Chemical Name: Perfluoroheptanoic acid
Regional Board:
Treated Drinking Water Dt:
Treated Drinking Water Qualifi:
Treated Drinking Water Reporti:
Treatd Drinking Water Sample:
Treated Drinking Water Units:
Treated Drinking Water Value:
Lab Notes:
Reporting Limit: 2
Detection Limit:
QRAA: 0
Units: NG/L
Date: 4/23/2020

Sample ID:
Matrix: Liquid
Chemical: PFTEDA
Analytical Method Cd:
Qualifier: <
Value: 0
Chemical Name: Perfluorotetradecanoic acid
Regional Board:
Treated Drinking Water Dt:
Treated Drinking Water Qualifi:
Treated Drinking Water Reporti:
Treatd Drinking Water Sample:
Treated Drinking Water Units:
Treated Drinking Water Value:
Lab Notes:
Reporting Limit: 2
Detection Limit:
QRAA: 0
Units: NG/L
Date: 4/23/2020

Sample ID:
Matrix: Liquid
Chemical: 9ClPF3ONS
Analytical Method Cd:
Qualifier: <
Value: 0
Chemical Name: 9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid
Regional Board:
Treated Drinking Water Dt:
Treated Drinking Water Qualifi:
Treated Drinking Water Reporti:
Treatd Drinking Water Sample:
Treated Drinking Water Units:
Treated Drinking Water Value:
Lab Notes:
Reporting Limit: 2
Detection Limit:
QRAA: 0
Units: NG/L
Date: 4/23/2020

Sample ID:
Matrix: Liquid
Chemical: NMEFOSAA
Analytical Method Cd:
Qualifier: <
Value: 0
Chemical Name: N-Methyl perfluorooctane sulfonamidoacetic acid
Regional Board:
Treated Drinking Water Dt:
Treated Drinking Water Qualifi:
Treated Drinking Water Reporti:
Treatd Drinking Water Sample:
Treated Drinking Water Units:
Treated Drinking Water Value:
Lab Notes:
Reporting Limit: 2
Detection Limit:
QRAA: 0
Units: NG/L
Date: 4/23/2020

Sample ID:
Matrix: Liquid
Chemical: PFDOA
Analytical Method Cd:
Lab Notes:
Reporting Limit: 2
Detection Limit:
QRAA: 0

Qualifier: < **Units:** NG/L
Value: 0 **Date:** 8/20/2020
Chemical Name: Perfluorododecanoic acid
Regional Board:
Treated Drinking Water Dt:
Treated Drinking Water Qualifi:
Treated Drinking Water Reporti:
Treatd Drinking Water Sample:
Treated Drinking Water Units:
Treated Drinking Water Value:

Sample ID: **Lab Notes:**
Matrix: Liquid **Reporting Limit:** 2
Chemical: NMEFOSAA **Detection Limit:**
Analytical Method Cd: **QRAA:** 0
Qualifier: < **Units:** NG/L
Value: 0 **Date:** 8/20/2020
Chemical Name: N-Methyl perfluorooctane sulfonamidoacetic acid
Regional Board:
Treated Drinking Water Dt:
Treated Drinking Water Qualifi:
Treated Drinking Water Reporti:
Treatd Drinking Water Sample:
Treated Drinking Water Units:
Treated Drinking Water Value:

Sample ID: **Lab Notes:**
Matrix: Liquid **Reporting Limit:** 5
Chemical: HFPA-DA **Detection Limit:**
Analytical Method Cd: **QRAA:** 0
Qualifier: < **Units:** NG/L
Value: 0 **Date:** 8/20/2020
Chemical Name: 2,3,3,3-tetrafluoro-2-(1,1,2,2,3,3,3-heptafluoropropoxy) propanoic acid
Regional Board:
Treated Drinking Water Dt:
Treated Drinking Water Qualifi:
Treated Drinking Water Reporti:
Treatd Drinking Water Sample:
Treated Drinking Water Units:
Treated Drinking Water Value:

Sample ID: **Lab Notes:**
Matrix: Liquid **Reporting Limit:** 2
Chemical: NETFOSAA **Detection Limit:**
Analytical Method Cd: **QRAA:** 0
Qualifier: < **Units:** NG/L
Value: 0 **Date:** 4/23/2020
Chemical Name: N-Ethyl perfluorooctane sulfonamidoacetic acid
Regional Board:
Treated Drinking Water Dt:
Treated Drinking Water Qualifi:
Treated Drinking Water Reporti:
Treatd Drinking Water Sample:
Treated Drinking Water Units:
Treated Drinking Water Value:

Sample ID: **Lab Notes:**
Matrix: Liquid **Reporting Limit:** 2
Chemical: PFDOA **Detection Limit:**
Analytical Method Cd: **QRAA:** 0
Qualifier: < **Units:** NG/L
Value: 0 **Date:** 4/23/2020
Chemical Name: Perfluorododecanoic acid
Regional Board:
Treated Drinking Water Dt:
Treated Drinking Water Qualifi:
Treated Drinking Water Reporti:
Treatd Drinking Water Sample:
Treated Drinking Water Units:

Treated Drinking Water Value:

Sample ID: ***Lab Notes:***
Matrix: Liquid ***Reporting Limit:*** 2
Chemical: PFBSA ***Detection Limit:***
Analytical Method Cd: ***QRAA:*** 0
Qualifier: = ***Units:*** NG/L
Value: 20 ***Date:*** 8/20/2020
Chemical Name: Perfluorobutanesulfonic acid
Regional Board:
Treated Drinking Water Dt:
Treated Drinking Water Qualifi:
Treated Drinking Water Reporti:
Treatd Drinking Water Sample:
Treated Drinking Water Units:
Treated Drinking Water Value:

Sample ID: ***Lab Notes:***
Matrix: Liquid ***Reporting Limit:*** 2
Chemical: PFNDCA ***Detection Limit:***
Analytical Method Cd: ***QRAA:*** 0
Qualifier: < ***Units:*** NG/L
Value: 0 ***Date:*** 4/23/2020
Chemical Name: Perfluorodecanoic acid
Regional Board:
Treated Drinking Water Dt:
Treated Drinking Water Qualifi:
Treated Drinking Water Reporti:
Treatd Drinking Water Sample:
Treated Drinking Water Units:
Treated Drinking Water Value:

Sample ID: ***Lab Notes:***
Matrix: Liquid ***Reporting Limit:*** 2
Chemical: PFUNDCA ***Detection Limit:***
Analytical Method Cd: ***QRAA:*** 0
Qualifier: < ***Units:*** NG/L
Value: 0 ***Date:*** 8/20/2020
Chemical Name: Perfluoroundecanoic acid
Regional Board:
Treated Drinking Water Dt:
Treated Drinking Water Qualifi:
Treated Drinking Water Reporti:
Treatd Drinking Water Sample:
Treated Drinking Water Units:
Treated Drinking Water Value:

Sample ID: ***Lab Notes:***
Matrix: Liquid ***Reporting Limit:*** 2
Chemical: PFNA ***Detection Limit:***
Analytical Method Cd: ***QRAA:*** 0
Qualifier: < ***Units:*** NG/L
Value: 0 ***Date:*** 8/20/2020
Chemical Name: Perfluorononanoic acid
Regional Board:
Treated Drinking Water Dt:
Treated Drinking Water Qualifi:
Treated Drinking Water Reporti:
Treatd Drinking Water Sample:
Treated Drinking Water Units:
Treated Drinking Water Value:

Sample ID: ***Lab Notes:***
Matrix: Liquid ***Reporting Limit:*** 2
Chemical: PFHXSA ***Detection Limit:***
Analytical Method Cd: ***QRAA:*** 0
Qualifier: < ***Units:*** NG/L
Value: 0 ***Date:*** 8/20/2020
Chemical Name: Perfluorohexanesulfonic acid

Regional Board:
Treated Drinking Water Dt:
Treated Drinking Water Qualifi:
Treated Drinking Water Reporti:
Treatd Drinking Water Sample:
Treated Drinking Water Units:
Treated Drinking Water Value:

Sample ID: ***Lab Notes:***
Matrix: Liquid ***Reporting Limit:*** 2
Chemical: PFNDCA ***Detection Limit:***
Analytical Method Cd: ***QRAA:*** 0
Qualifier: < ***Units:*** NG/L
Value: 0 ***Date:*** 8/20/2020
Chemical Name: Perfluorodecanoic acid
Regional Board:
Treated Drinking Water Dt:
Treated Drinking Water Qualifi:
Treated Drinking Water Reporti:
Treatd Drinking Water Sample:
Treated Drinking Water Units:
Treated Drinking Water Value:

Sample ID: ***Lab Notes:***
Matrix: Liquid ***Reporting Limit:*** 2
Chemical: ADONA ***Detection Limit:***
Analytical Method Cd: ***QRAA:*** 0
Qualifier: < ***Units:*** NG/L
Value: 0 ***Date:*** 8/20/2020
Chemical Name: 4,8-Dioxa-3H-perfluorononanoic acid
Regional Board:
Treated Drinking Water Dt:
Treated Drinking Water Qualifi:
Treated Drinking Water Reporti:
Treatd Drinking Water Sample:
Treated Drinking Water Units:
Treated Drinking Water Value:

Sample ID: ***Lab Notes:***
Matrix: Liquid ***Reporting Limit:*** 2
Chemical: PFHA ***Detection Limit:***
Analytical Method Cd: ***QRAA:*** 0
Qualifier: < ***Units:*** NG/L
Value: 0 ***Date:*** 4/23/2020
Chemical Name: Perfluorohexanoic acid
Regional Board:
Treated Drinking Water Dt:
Treated Drinking Water Qualifi:
Treated Drinking Water Reporti:
Treatd Drinking Water Sample:
Treated Drinking Water Units:
Treated Drinking Water Value:

Sample ID: ***Lab Notes:***
Matrix: Liquid ***Reporting Limit:*** 2
Chemical: ADONA ***Detection Limit:***
Analytical Method Cd: ***QRAA:*** 0
Qualifier: < ***Units:*** NG/L
Value: 0 ***Date:*** 4/23/2020
Chemical Name: 4,8-Dioxa-3H-perfluorononanoic acid
Regional Board:
Treated Drinking Water Dt:
Treated Drinking Water Qualifi:
Treated Drinking Water Reporti:
Treatd Drinking Water Sample:
Treated Drinking Water Units:
Treated Drinking Water Value:

Sample ID: ***Lab Notes:***

Matrix: Liquid
Chemical: 11ClPF3OUDS
Analytical Method Cd:
Qualifier: <
Value: 0
Chemical Name: 11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid
Regional Board:
Treated Drinking Water Dt:
Treated Drinking Water Qualifi:
Treated Drinking Water Reporti:
Treatd Drinking Water Sample:
Treated Drinking Water Units:
Treated Drinking Water Value:
Reporting Limit: 2
Detection Limit:
QRAA: 0
Units: NG/L
Date: 8/20/2020

Sample ID:
Matrix: Liquid
Chemical: NETFOSAA
Analytical Method Cd:
Qualifier: <
Value: 0
Chemical Name: N-Ethyl perfluorooctane sulfonamidoacetic acid
Regional Board:
Treated Drinking Water Dt:
Treated Drinking Water Qualifi:
Treated Drinking Water Reporti:
Treatd Drinking Water Sample:
Treated Drinking Water Units:
Treated Drinking Water Value:
Lab Notes:
Reporting Limit: 2
Detection Limit:
QRAA: 0
Units: NG/L
Date: 8/20/2020

Sample ID:
Matrix: Liquid
Chemical: 9ClPF3ONS
Analytical Method Cd:
Qualifier: <
Value: 0
Chemical Name: 9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid
Regional Board:
Treated Drinking Water Dt:
Treated Drinking Water Qualifi:
Treated Drinking Water Reporti:
Treatd Drinking Water Sample:
Treated Drinking Water Units:
Treated Drinking Water Value:
Lab Notes:
Reporting Limit: 2
Detection Limit:
QRAA: 0
Units: NG/L
Date: 8/20/2020

Sample ID:
Matrix: Liquid
Chemical: PFTRIDA
Analytical Method Cd:
Qualifier: <
Value: 0
Chemical Name: Perfluorotridecanoic acid
Regional Board:
Treated Drinking Water Dt:
Treated Drinking Water Qualifi:
Treated Drinking Water Reporti:
Treatd Drinking Water Sample:
Treated Drinking Water Units:
Treated Drinking Water Value:
Lab Notes:
Reporting Limit: 2
Detection Limit:
QRAA: 0
Units: NG/L
Date: 8/20/2020

Sample ID:
Matrix: Liquid
Chemical: PFOS
Analytical Method Cd:
Qualifier: <
Value: 0
Chemical Name: Perfluorooctane sulfonic acid (PFOS)
Regional Board:
Treated Drinking Water Dt:
Treated Drinking Water Qualifi:
Lab Notes:
Reporting Limit: 2
Detection Limit:
QRAA: 0
Units: NG/L
Date: 8/20/2020

Treated Drinking Water Reporti:
Treatd Drinking Water Sample:
Treated Drinking Water Units:
Treated Drinking Water Value:

Sample ID: ***Lab Notes:***
Matrix: Liquid ***Reporting Limit:*** 2
Chemical: PFBSA ***Detection Limit:***
Analytical Method Cd: ***QRAA:*** 0
Qualifier: = ***Units:*** NG/L
Value: 10 ***Date:*** 4/23/2020
Chemical Name: Perfluorobutanesulfonic acid
Regional Board:
Treated Drinking Water Dt:
Treated Drinking Water Qualifi:
Treated Drinking Water Reporti:
Treatd Drinking Water Sample:
Treated Drinking Water Units:
Treated Drinking Water Value:

Sample ID: ***Lab Notes:***
Matrix: Liquid ***Reporting Limit:*** 2
Chemical: PFHA ***Detection Limit:***
Analytical Method Cd: ***QRAA:*** 0
Qualifier: = ***Units:*** NG/L
Value: 6 ***Date:*** 8/20/2020
Chemical Name: Perfluorohexanoic acid
Regional Board:
Treated Drinking Water Dt:
Treated Drinking Water Qualifi:
Treated Drinking Water Reporti:
Treatd Drinking Water Sample:
Treated Drinking Water Units:
Treated Drinking Water Value:

Sample ID: ***Lab Notes:***
Matrix: Liquid ***Reporting Limit:*** 2
Chemical: PFUNDCA ***Detection Limit:***
Analytical Method Cd: ***QRAA:*** 0
Qualifier: < ***Units:*** NG/L
Value: 0 ***Date:*** 4/23/2020
Chemical Name: Perfluoroundecanoic acid
Regional Board:
Treated Drinking Water Dt:
Treated Drinking Water Qualifi:
Treated Drinking Water Reporti:
Treatd Drinking Water Sample:
Treated Drinking Water Units:
Treated Drinking Water Value:

Sample ID: ***Lab Notes:***
Matrix: Liquid ***Reporting Limit:*** 2
Chemical: PFOA ***Detection Limit:***
Analytical Method Cd: ***QRAA:*** 0
Qualifier: < ***Units:*** NG/L
Value: 0 ***Date:*** 8/20/2020
Chemical Name: Perfluorooctanoic acid
Regional Board:
Treated Drinking Water Dt:
Treated Drinking Water Qualifi:
Treated Drinking Water Reporti:
Treatd Drinking Water Sample:
Treated Drinking Water Units:
Treated Drinking Water Value:

Sample ID: ***Lab Notes:***
Matrix: Liquid ***Reporting Limit:*** 5
Chemical: HFPA-DA ***Detection Limit:***
Analytical Method Cd: ***QRAA:*** 0

Qualifier: <
Value: 0
Units: NG/L
Date: 4/23/2020
Chemical Name: 2,3,3,3-tetrafluoro-2-(1,1,2,2,3,3,3-heptafluoropropoxy) propanoic acid
Regional Board:
Treated Drinking Water Dt:
Treated Drinking Water Qualifi:
Treated Drinking Water Reporti:
Treatd Drinking Water Sample:
Treated Drinking Water Units:
Treated Drinking Water Value:

Sample ID:
Matrix: Liquid
Chemical: PFHPA
Analytical Method Cd:
Qualifier: <
Value: 0
Chemical Name: Perfluoroheptanoic acid
Regional Board:
Treated Drinking Water Dt:
Treated Drinking Water Qualifi:
Treated Drinking Water Reporti:
Treatd Drinking Water Sample:
Treated Drinking Water Units:
Treated Drinking Water Value:
Lab Notes:
Reporting Limit: 2
Detection Limit:
QRAA: 0
Units: NG/L
Date: 8/20/2020

Sample ID:
Matrix: Liquid
Chemical: PFNA
Analytical Method Cd:
Qualifier: <
Value: 0
Chemical Name: Perfluorononanoic acid
Regional Board:
Treated Drinking Water Dt:
Treated Drinking Water Qualifi:
Treated Drinking Water Reporti:
Treatd Drinking Water Sample:
Treated Drinking Water Units:
Treated Drinking Water Value:
Lab Notes:
Reporting Limit: 2
Detection Limit:
QRAA: 0
Units: NG/L
Date: 4/23/2020

Sample ID:
Matrix: Liquid
Chemical: PFTEDA
Analytical Method Cd:
Qualifier: <
Value: 0
Chemical Name: Perfluorotetradecanoic acid
Regional Board:
Treated Drinking Water Dt:
Treated Drinking Water Qualifi:
Treated Drinking Water Reporti:
Treatd Drinking Water Sample:
Treated Drinking Water Units:
Treated Drinking Water Value:
Lab Notes:
Reporting Limit: 2
Detection Limit:
QRAA: 0
Units: NG/L
Date: 8/20/2020

Sample ID:
Matrix: Liquid
Chemical: 11ClPF3OUDS
Analytical Method Cd:
Qualifier: <
Value: 0
Chemical Name: 11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid
Regional Board:
Treated Drinking Water Dt:
Treated Drinking Water Qualifi:
Treated Drinking Water Reporti:
Treatd Drinking Water Sample:
Treated Drinking Water Units:
Lab Notes:
Reporting Limit: 2
Detection Limit:
QRAA: 0
Units: NG/L
Date: 4/23/2020

Treated Drinking Water Value:

Sample ID: ***Lab Notes:***
Matrix: Liquid ***Reporting Limit:*** 2
Chemical: PFHXSA ***Detection Limit:***
Analytical Method Cd: ***QRAA:*** 0
Qualifier: < ***Units:*** NG/L
Value: 0 ***Date:*** 4/23/2020
Chemical Name: Perfluorohexanesulfonic acid
Regional Board:
Treated Drinking Water Dt:
Treated Drinking Water Qualifi:
Treated Drinking Water Reporti:
Treatd Drinking Water Sample:
Treated Drinking Water Units:
Treated Drinking Water Value:

Sample ID: ***Lab Notes:***
Matrix: Liquid ***Reporting Limit:*** 2
Chemical: PFOA ***Detection Limit:***
Analytical Method Cd: ***QRAA:*** 0
Qualifier: < ***Units:*** NG/L
Value: 0 ***Date:*** 4/23/2020
Chemical Name: Perfluorooctanoic acid
Regional Board:
Treated Drinking Water Dt:
Treated Drinking Water Qualifi:
Treated Drinking Water Reporti:
Treatd Drinking Water Sample:
Treated Drinking Water Units:
Treated Drinking Water Value:

Sample ID: ***Lab Notes:***
Matrix: Liquid ***Reporting Limit:*** 2
Chemical: PFTRIDA ***Detection Limit:***
Analytical Method Cd: ***QRAA:*** 0
Qualifier: < ***Units:*** NG/L
Value: 0 ***Date:*** 4/23/2020
Chemical Name: Perfluorotridecanoic acid
Regional Board:
Treated Drinking Water Dt:
Treated Drinking Water Qualifi:
Treated Drinking Water Reporti:
Treatd Drinking Water Sample:
Treated Drinking Water Units:
Treated Drinking Water Value:

Sample ID: ***Lab Notes:***
Matrix: Liquid ***Reporting Limit:*** 2
Chemical: PFOS ***Detection Limit:***
Analytical Method Cd: ***QRAA:*** 0
Qualifier: < ***Units:*** NG/L
Value: 0 ***Date:*** 4/23/2020
Chemical Name: Perfluorooctane sulfonic acid (PFOS)
Regional Board:
Treated Drinking Water Dt:
Treated Drinking Water Qualifi:
Treated Drinking Water Reporti:
Treatd Drinking Water Sample:
Treated Drinking Water Units:
Treated Drinking Water Value:

7	*1 of3*	*E*	*0.15 / 801.65*	*71.46 / 0*	*4000 W IMPERIAL HWY HAWTHORNE CA 90250*	*HMS LA*

Site No: 011889
Area: 2C

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Detail Info

Permit No: 00003527T
File No: 011958
File Name: EXXON USA #7-2429
Status: Equipment Removed
Permit Type: Underground Storage Tank Operating Permit
Permit Status: Equipment Removed
Permit Category: Underground Storage Tank

7	2 of3	E	0.15 / 801.65	71.46 / 0	EXXON SERVICE STATION 4000 W. IMPERIAL HAWTHORNE CA	HIST TANK

Owner Name: EXXON COMPANY U.S.A.
Owner Street: 16945 NORTH CHASE BLVD.
Owner City: HOUSTEN
Owner State: TX
Owner Zip: 77210
No of Containers: 4
County: LOS ANGELES
Facility State: CA
Facility Zip: 90250

7	3 of3	E	0.15 / 801.65	71.46 / 0	EXXON CO USA SS#72429 4000 W IMPERIAL HWY HAWTHORNE CA	UST SWEEPS

C C: A19-000-11958
BOE:
Comp: 11958
Status: ACTIVE
No of Tanks:
Jurisdict: LOS ANGELES COUNTY
Agency: WASTE MANAGEMENT DEPARTMENT
Phone:
D Filename: SITE04A
Page No: 286
County: LOS ANGELES
State : CA
Zip:
Latitude: 0
Longitude: 0
Georesult: N

8	1 of1	ESE	0.17 / 915.92	69.46 / -2	G E PLUMBING, INC. 11607 S PRAIRIE AVE HAWTHORNE CA 90250	CUPA LA COUNTY

Facility ID: FA0021221
CERS ID: 10269586

Active Facility Details

PE: 3001

9	1 of4	E	0.18 / 971.46	71.46 / 0	3954 W IMPERIAL HWY INGLEWOOD CA 90303	HMS LA

Site No: 009637
Area: 2E

Detail Info

Permit No: 00005045T
File No: 009465
File Name: SHELL OIL #204-
Status: Equipment Removed
Permit Type: Underground Storage Tank Operating Permit
Permit Status: Equipment Removed
Permit Category: Underground Storage Tank

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
9	2 of4	E	0.18 / 971.46	71.46 / 0	KYO BOK KIM 3954 IMPERIAL PRAIRIE INGLEWOOD CA 90303	HHSS

County: Los Angeles
Tank Details Microfiche: http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0002856e.pdf

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
9	3 of4	E	0.18 / 971.46	71.46 / 0	KYO BOK KIM 3954 IMPERIAL INGLEWOOD CA	HIST TANK

Owner Name: SHELL OIL COMPANY
Owner Street: P.O. BOX 4848
Owner City: ANAHEIM
Owner State: CA
Owner Zip: 92803
No of Containers: 5
County: LOS ANGELES
Facility State: CA
Facility Zip: 90303

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
9	4 of4	E	0.18 / 971.46	71.46 / 0	SHELL SERV STA 3954 W IMPERIAL HWY INGLEWOOD CA	UST SWEEPS

C C: A19-000-9465
BOE:
Comp: 9465
Status: ACTIVE
No of Tanks:
Jurisdict: LOS ANGELES COUNTY
Agency: WASTE MANAGEMENT DEPARTMENT
Phone:
D Filename: SITE04A
Page No: 336
County: LOS ANGELES
State : CA
Zip:
Latitude: 33.930686
Longitude: -118.342914
Georesult: S5HPNTSC-A

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
10	1 of6	SE	0.18 / 972.35	69.46 / -2	HI TECH COLLISION SERVICES 11623 SOUTH PRAIRIE AVE HAWTHORNE CA 90250	RCRA SQG

EPA Handler ID: CAD095135190
Gen Status Universe: Small Quantity Generator
Contact Name:
Contact Address: US
Contact Phone No and Ext:
Contact Email:
Contact Country: US
County Name: LOS ANGELES
EPA Region: 09
Land Type:
Receive Date: 19960901
Location Latitude: 33.914493
Location Longitude: -118.343883

Violation/Evaluation Summary

Note: NO RECORDS: As of Apr 2024, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility: No
Onsite Burner Exemption: No

Furnace Exemption:	No
Underground Injection Activity:	No
Commercial TSD:	No
Used Oil Transporter:	No
Used Oil Transfer Facility:	No
Used Oil Processor:	No
Used Oil Refiner:	No
Used Oil Burner:	No
Used Oil Market Burner:	No
Used Oil Spec Marketer:	No

Hazardous Waste Handler Details

Sequence No:	1
Receive Date:	19960901
Handler Name:	HI TECH COLLISION SERVICES
Federal Waste Generator Code:	2
Generator Code Description:	Small Quantity Generator
Source Type:	Implementer

Owner/Operator Details

Owner/Operator Ind:	Current Operator	***Street No:***	
Type:	Private	***Street 1:***	NOT REQUIRED
Name:	NOT REQUIRED	***Street 2:***	
Date Became Current:		***City:***	NOT REQUIRED
Date Ended Current:		***State:***	ME
Phone:	415-555-1212	***Country:***	
Source Type:	Implementer	***Zip Code:***	99999
Owner/Operator Ind:	Current Owner	***Street No:***	
Type:	Private	***Street 1:***	NOT REQUIRED
Name:	GEORGE BOUKATHER	***Street 2:***	
Date Became Current:		***City:***	NOT REQUIRED
Date Ended Current:		***State:***	ME
Phone:	415-555-1212	***Country:***	
Source Type:	Implementer	***Zip Code:***	99999

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
10	2 of6	SE	0.18 / 972.35	69.46 / -2	CALIBER COLLISION CENTERS 11623 S PRAIRIE AVE HAWTHORNE CA 90250	EMISSIONS

2014 Criteria Data

Facility ID:	173087	***CERR Code:***	
Facility SIC Code:	7538	***TOGT:***	.28276339973544919327756283744704332506 68
CO:	19	***ROGT:***	.24799
Air Basin:	SC	***COT:***	.00804
District:	SC	***NOXT:***	.0299
COID:	LA	***SOXT:***	.00014
DISN:	SOUTH COAST AQMD	***PMT:***	.00552
CHAPIS:		***PM10T:***	.005282

2014 Toxic Data

Facility ID:	173087	***COID:***	LA
Facility SIC Code:	7538	***DISN:***	SOUTH COAST AQMD
CO:	19	***CHAPIS:***	
Air Basin:	SC	***CERR Code:***	
District:	SC		

TS:
Health Risk Asmt:
Non-Cancer Chronic Haz Ind:
Non-Cancer Acute Haz Ind:

2015 Toxic Data

Facility ID:	173087	***COID:***	LA
Facility SIC Code:	7538	***DISN:***	SOUTH COAST AQMD
CO:	19	***CHAPIS:***	
Air Basin:	SC	***CERR Code:***	
District:	SC		
TS:			
Health Risk Asmt:			
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

2016 Criteria Data

Facility ID:	173087	***CERR CODE:***	
Facility SIC Code:	7538	***TOGT:***	.4564630288226323749605237265312825883946
CO:	19	***ROGT:***	.429768
Air Basin:	SC	***COT:***	.00824
District:	SC	***NOXT:***	.02
COID:	LA	***SOXT:***	.0001412
DISN:	SOUTH COAST AQMD	***PMT:***	.011386
CHAPIS:		***PM10T:***	.01091292

2016 Toxic Data

Facility ID:	173087	***TS:***	
Facility SIC Code:	7538	***HRA:***	
CERR CODE:		***CH Index:***	
COID:	LA	***AH Index:***	
CO:	19	***Air Basin:***	SC
DISN:	SOUTH COAST AQMD	***District:***	SC
CHAPIS:			

2017 Criteria Data

Facility ID:	173087	***CERR Code:***	
Facility SIC Code:	7538	***TOGT:***	.6307527413441426492797868098393097166464
CO:	19	***ROGT:***	.601846
Air Basin:	SC	***COT:***	.00922
District:	SC	***NOXT:***	.02
COID:	LA	***SOXT:***	.0001582
DISN:	SOUTH COAST AQMD	***PMT:***	.015702
CHAPIS:		***PM10T:***	.01505414

2017 Toxic Data

Facility ID:	173087	***COID:***	LA
Facility SIC Code:	7538	***DISN:***	SOUTH COAST AQMD
CO:	19	***CHAPIS:***	
Air Basin:	SC	***CERR Code:***	
District:	SC		
TS:			
Health Risk Asmt:			
Non-Cancer Chronic Haz Ind:			

Non-Cancer Acute Haz Ind:

2018 Criteria Data

Facility ID:	173087	***CERR Code:***	
Facility SIC Code:	7538	***TOGT:***	. 21260576378807227637020090776039944383
CO:	19	***ROGT:***	.17328462
Air Basin:	SC	***COT:***	.00976608
District:	SC	***NOXT:***	.036274
COID:	LA	***SOXT:***	.0001674
DISN:	SOUTH COAST AQMD	***PMT:***	.005151241
CHAPIS:		***PM10T:***	.00502890056

2018 Toxic Data

Facility ID:	173087	***COID:***	LA
Facility SIC Code:	7538	***DISN:***	SOUTH COAST AQMD
CO:	19	***CHAPIS:***	
Air Basin:	SC	***CERR Code:***	
District:	SC		
TS:			
Health Risk Asmt:			
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

2019 Toxic Data

CO:	19	***DISN:***	SOUTH COAST AQMD
Air Basin:	SC	***CHAPIS:***	
Faccility ID:	173087	***CERR Code:***	
District:	SC	***TS:***	
Facility SIC Code:	7532	***Health Risk Asmt:***	
COID:	LA		
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

2020 Criteria Data

CO:	19	***CHAPIS:***	
Air Basin:	SC	***CERR Code:***	
Facility ID:	173087	***ROGT:***	.441592
District:	SC	***COT:***	.00796
Facility SIC Code:	7532	***NOXT:***	.02
CO ID:	LA	***SOXT:***	.0001364
DISN:	SOUTH COAST AQMD		
TOGT:	.467970792030170863397888568390506470090 2		
PMT:	.012126		
PM10T:	.01170912		

2020 Toxic Data

CO:	19	***DISN:***	SOUTH COAST AQMD
Air Basin:	SC	***CHAPIS:***	
Facility ID:	173087	***CHERR Code:***	
District:	SC	***TS:***	
Facility SIC Code:	7532	***Health Risk Asmt:***	
COID:	LA		
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

2021 Toxic Data

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Co:	19	**DISN:**	SOUTH COAST AQMD
Air Basin:	SC	**CHAPIS:**	
Facility ID:	173087	**Cerr Code:**	
District:	SC	**TS:**	
Facility SIC Code:	7532	**Health Risk Asmt:**	
COID:	LA		
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

10	3 of6	SE	0.18 / 972.35	69.46 / -2	HI-TECH COLLISION & PAINTING S 11623 S. PRAIRIE AVE. HAWTHORNE CA 90250	EMISSIONS

1990 Criteria Data

Facility ID:	15938	**CERR Code:**	
Facility SIC Code:	7538	**TOGT:**	1.6
CO:	19	**ROGT:**	1.5488
Air Basin:	SC	**COT:**	
District:	SC	**NOXT:**	
COID:	LA	**SOXT:**	
DISN:	SOUTH COAST AQMD	**PMT:**	0
CHAPIS:		**PM10T:**	0

1990 Toxic Data

Facility ID:	15938	**COID:**	LA
Facility SIC Code:	7538	**DISN:**	SOUTH COAST AQMD
CO:	19	**CHAPIS:**	
Air Basin:	SC	**CERR Code:**	
District:	SC		
TS:			
Health Risk Asmt:			
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

10	4 of6	SE	0.18 / 972.35	69.46 / -2	HI-TECH COLLISION & GLASS CENTERS, INC. 11623 S PRAIRIE AVE HAWTHORNE CA 90250	EMISSIONS

2009 Criteria Data

Facility ID:	15938	**CERR Code:**	
Facility SIC Code:	7538	**TOGT:**	1.895241894713815471324293491752334943 96
CO:	19	**ROGT:**	1.870987
Air Basin:	SC	**COT:**	.00493
District:	SC	**NOXT:**	.01
COID:	LA	**SOXT:**	.000117
DISN:	SOUTH COAST AQMD	**PMT:**	.11106
CHAPIS:		**PM10T:**	.10666

2009 Toxic Data

Facility ID:	15938	**COID:**	LA
Facility SIC Code:	7538	**DISN:**	SOUTH COAST AQMD
CO:	19	**CHAPIS:**	
Air Basin:	SC	**CERR Code:**	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
District:	SC					
TS:						
Health Risk Asmt:						
Non-Cancer Chronic Haz Ind:						
Non-Cancer Acute Haz Ind:						

10	***5 of6***	***SE***	***0.18 / 972.35***	***69.46 / -2***	***CALIBER COLLISION CENTERS 11623 PRAIRIE AVE HAWTHORNE CA 90250***	***RCRA NON GEN***

EPA Handler ID:	CAL000379923
Gen Status Universe:	No Report
Contact Name:	SHARON LAWRENCE
Contact Address:	401 E CORPORATE DR STE 150 , , LEWISVILLE , TX, 75057 ,
Contact Phone No and Ext:	469-948-9630
Contact Email:	SHARON.LAWRENCE@CALIBERCOLLISION.COM
Contact Country:	
County Name:	LOS ANGELES
EPA Region:	09
Land Type:	
Receive Date:	20121113
Location Latitude:	33.928641
Location Longitude:	-118.343928

Violation/Evaluation Summary

Note:	NO RECORDS: As of Apr 2024, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility:	No
Onsite Burner Exemption:	No
Furnace Exemption:	No
Underground Injection Activity:	No
Commercial TSD:	No
Used Oil Transporter:	No
Used Oil Transfer Facility:	No
Used Oil Processor:	No
Used Oil Refiner:	No
Used Oil Burner:	No
Used Oil Market Burner:	No
Used Oil Spec Marketer:	No

Hazardous Waste Handler Details

Sequence No:	1
Receive Date:	20121113
Handler Name:	CALIBER COLLISION CENTERS
Source Type:	Implementer
Federal Waste Generator Code:	N
Generator Code Description:	Not a Generator, Verified

Owner/Operator Details

Owner/Operator Ind:	Current Operator	***Street No:***	
Type:	Other	***Street 1:***	401 E CORPORATE DR STE 150
Name:	SHARON LAWRENCE	***Street 2:***	
Date Became Current:		***City:***	LEWISVILLE
Date Ended Current:		***State:***	TX

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Phone: 469-948-9630
Source Type: Implementer

Owner/Operator Ind: Current Owner
Type: Other
Name: CALIBER COLIISION BODYWORKS INC
Date Became Current:
Date Ended Current:
Phone: 713-444-8606
Source Type: Implementer

Country:
Zip Code: 75057

Street No:
Street 1: 401 E CORPORATE DR STE 150
Street 2:
City: LEWISVILLE
State: TX
Country:
Zip Code: 75057-6449

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
10	6 of6	SE	0.18 / 972.35	69.46 / -2	CALIBER COLLISION CENTER 11623 S PRAIRIE AVE HAWTHORNE CA 90250	CUPA LA COUNTY

Facility ID: FA0021233
CERS ID: 10122412

Inactive Facility Details

PE: 3001

PE: 1002

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
11	1 of2	ENE	0.18 / 972.56	72.46 / 1	11229 S PRAIRIE AVE INGLEWOOD CA 90303	HMS LA

Site No: 010368
Area: 2E

Detail Info

Permit No:
File No: 010263
File Name: AIRCRAFT VALVE
Status: Equipment Removed
Permit Type:
Permit Status:
Permit Category:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
11	2 of2	ENE	0.18 / 972.56	72.46 / 1	AIRCRAFT VALVE 11229 S PRAIRIE AVE INGLEWOOD CA	UST SWEEPS

C C: A19-000-10263
BOE:
Comp: 10263
Status: ACTIVE
No of Tanks:
Jurisdict: LOS ANGELES COUNTY
Agency: WASTE MANAGEMENT DEPARTMENT
Phone:

D Filename: SITE04A
Page No: 346
County: LOS ANGELES
State : CA
Zip:
Latitude: 0
Longitude: 0
Georesult: N

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
12	1 of6	E	0.19 / 1,020.18	71.16 / 0	3950 W IMPERIAL HWY HAWTHORNE CA 903032610	HMS LA

Site No: 018259
Area: 2C

Detail Info

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Permit No: 000991129
File No: 070511
File Name: MOHAMAD PARANARNDARI INC
Status: Permit Closed
Permit Type: Underground Storage Tank Operating Permit
Permit Status: Permit Closed
Permit Category: Underground Storage Tank

Detail Info

Permit No: 000638082
File No: 054223
File Name: MOHAMAD POURNAMDARI INC
Status: Permit Closed
Permit Type: Underground Storage Tank Operating Permit
Permit Status: Permit Closed
Permit Category: Underground Storage Tank

Detail Info

Permit No: 000203995
File No: 025390
File Name: PRAIRIE INC
Status: Permit Closed
Permit Type: Underground Storage Tank Operating Permit
Permit Status: Permit Closed
Permit Category: Underground Storage Tank

Detail Info

Permit No: 001047671
File No: 071758
File Name: MOHAMAD POURNAMDARI INC
Status: Equipment Permitted
Permit Type: Underground Storage Tank Operating Permit
Permit Status: Equipment Permitted
Permit Category: Underground Storage Tank

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12 | **2 of6** | **E** | **0.19 / 1,020.18** | **71.16 / 0** | **MOHAMAD POURNAMDARI INC**
3950 W Imperial Hwy
Hawthorne CA 90303 | **UST**

Facility ID: LACoFA0014265
CERS ID: 10299259
County: Los Angeles
Permitting Agency: Los Angeles County Fire Department
Site Facility Type: PERMITTED UNDERGROUND STORAGE TANK (UST)
Note: Information related to facilities can be searched on Geo Tracker Website: https://geotracker.waterboards.ca.gov/search

Latitude: 33.93027
Longitude: -118.34287
CalEnviroScrn 4 Pct: 90-95%

Tank Details

Epa Region: 9
No. of Closed UST: 0
No. of Inuse UST:
No. of Oos UST: 0
Owner Type: Non-Government
Tank ID No.: 3
Tank Status: Confirmed/Updated Information
Tank Type: Double Wall
Tank Alarms: No
Tank Ball Float: No

Tank Closure Date:
Tank Configuration: Stand Alone Tank
Tank Contents: Midgraded Unleaded
Tank Cp Impr Curr: No
Tank Cp Shutoff: Yes
Tank Installatn Dt: 10/30/1997 12:00:00 AM
Tank No of Compart: 1
Tank Pc Constructn: Steel
Tank Spill Bucket: Yes
Tank Tight: No
Tribal Lands: No

Tank Operator Name:	Mohamad Pournamdari, Inc.
Tank Operator Mail Address:	3950 W Imperial Hwy.
Tank Operator Mail City:	Inglewood
Tank Operator Mail State:	Ca
Tank Operator Mail Zip:	90303
Tank Owner Name:	5 Prairie, Inc.
Tank Owner Mailing Address:	3950 W Imperial Hwy
Tank Owner Mailing City:	Inglewood
Tank Owner Mailing State:	CA
Tank Owner Mailing Zip:	90303
Tank Capacity Gallons:	12000
Tank Piping Construction:	Double Walled
Tank Piping Type:	Pressure
Tank Pw Piping Construction:	Fiberglass
Tank Sacrificial Anode:	No

Tank Details

Epa Region:	9	**Tank Closure Date:**	
No. of Closed UST:	0	**Tank Configuration:**	Stand Alone Tank
No. of Inuse UST:		**Tank Contents:**	Regular Unleaded
No. of Oos UST:	0	**Tank Cp Impr Curr:**	No
Owner Type:	Non-Government	**Tank Cp Shutoff:**	Yes
Tank ID No.:	1	**Tank Installatn Dt:**	10/30/1997 12:00:00 AM
Tank Status:	Confirmed/Updated Information	**Tank No of Compart:**	1
Tank Type:	Double Wall	**Tank Pc Constructn:**	Steel
Tank Alarms:	No	**Tank Spill Bucket:**	Yes
Tank Ball Float:	No	**Tribal Lands:**	No

Tank Operator Name:	Mohamad Pournamdari, Inc.
Tank Operator Mail Address:	3950 W Imperial Hwy.
Tank Operator Mail City:	Inglewood
Tank Operator Mail State:	Ca
Tank Operator Mail Zip:	90303
Tank Owner Name:	5 Prairie, Inc.
Tank Owner Mailing Address:	3950 W Imperial Hwy
Tank Owner Mailing City:	Inglewood
Tank Owner Mailing State:	CA
Tank Owner Mailing Zip:	90303
Tank Capacity Gallons:	12000
Tank Piping Construction:	Double Walled
Tank Piping Type:	Pressure
Tank Pw Piping Construction:	Fiberglass
Tank Sacrificial Anode:	No

Tank Details

Epa Region:	9	**Tank Closure Date:**	
No. of Closed UST:	0	**Tank Configuration:**	Stand Alone Tank
No. of Inuse UST:		**Tank Contents:**	Diesel
No. of Oos UST:	0	**Tank Cp Impr Curr:**	No
Owner Type:	Non-Government	**Tank Cp Shutoff:**	Yes
Tank ID No.:	2	**Tank Installatn Dt:**	10/30/1997 12:00:00 AM
Tank Status:	Confirmed/Updated Information	**Tank No of Compart:**	1
Tank Type:	Double Wall	**Tank Pc Constructn:**	Steel
Tank Alarms:	No	**Tank Spill Bucket:**	Yes
Tank Ball Float:	No	**Tribal Lands:**	No

Tank Operator Name:	Mohamad Pournamdari, Inc.
Tank Operator Mail Address:	3950 W Imperial Hwy.
Tank Operator Mail City:	Inglewood
Tank Operator Mail State:	Ca
Tank Operator Mail Zip:	90303
Tank Owner Name:	5 Prairie, Inc.
Tank Owner Mailing Address:	3950 W Imperial Hwy
Tank Owner Mailing City:	Inglewood
Tank Owner Mailing State:	CA
Tank Owner Mailing Zip:	90303
Tank Capacity Gallons:	12000

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Tank Piping Construction: Double Walled
Tank Piping Type: Pressure
Tank Pw Piping Construction: Fiberglass
Tank Sacrificial Anode: No

Tank Details

Epa Region: 9
No. of Closed UST: 0
No. of Inuse UST:
No. of Oos UST: 0
Owner Type: Non-Government
Tank ID No.: 4
Tank Status: Confirmed/Updated Information
Tank Type: Double Wall
Tank Alarms: No
Tank Ball Float: No
Tank Operator Name: Mohamad Pournamdari, Inc.
Tank Operator Mail Address: 3950 W Imperial Hwy.
Tank Operator Mail City: Inglewood
Tank Operator Mail State: Ca
Tank Operator Mail Zip: 90303
Tank Owner Name: 5 Prairie, Inc.
Tank Owner Mailing Address: 3950 W Imperial Hwy
Tank Owner Mailing City: Inglewood
Tank Owner Mailing State: CA
Tank Owner Mailing Zip: 90303
Tank Capacity Gallons: 12000
Tank Piping Construction: Double Walled
Tank Piping Type: Pressure
Tank Pw Piping Construction: Fiberglass
Tank Sacrificial Anode: No
Tank Closure Date:
Tank Configuration: Stand Alone Tank
Tank Contents: Premium Unleaded
Tank Cp Impr Curr: No
Tank Cp Shutoff: Yes
Tank Installatn Dt: 10/30/1997 12:00:00 AM
Tank No of Compart: 1
Tank Pc Constructn: Steel
Tank Spill Bucket: Yes
Tank Tribal Lands: No

12	*3 of6*	*E*	*0.19 / 1,020.18*	*71.16 / 0*	***MOHAMAD POURNAMDARI INC*** ***3950 W IMPERIAL HWY*** ***INGLEWOOD CA 90303***	***EMISSIONS***

2015 Toxic Data

Facility ID: 114199
Facility SIC Code: 9999
CO: 19
Air Basin: SC
District: SC
TS:
Health Risk Asmt:
Non-Cancer Chronic Haz Ind:
Non-Cancer Acute Haz Ind:
COID: LA
DISN: SOUTH COAST AQMD
CHAPIS:
CERR Code:

2016 Toxic Data

Facility ID: 114199
Facility SIC Code: 5541
CERR CODE:
COID: LA
CO: 19
DISN: SOUTH COAST AQMD
CHAPIS:
TS:
HRA:
CH Index:
AH Index:
Air Basin: SC
District: SC

2017 Toxic Data

Facility ID: 114199
COID: LA

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Facility SIC Code: 9999
CO: 19
Air Basin: SC
District: SC
TS:
Health Risk Asmt:
Non-Cancer Chronic Haz Ind:
Non-Cancer Acute Haz Ind:
DISN: SOUTH COAST AQMD
CHAPIS:
CERR Code:

2018 Toxic Data

Facility ID: 114199
Facility SIC Code: 9999
CO: 19
Air Basin: SC
District: SC
TS:
Health Risk Asmt:
Non-Cancer Chronic Haz Ind:
Non-Cancer Acute Haz Ind:
COID: LA
DISN: SOUTH COAST AQMD
CHAPIS:
CERR Code:

2019 Toxic Data

CO: 19
Air Basin: SC
Faccility ID: 114199
District: SC
Facility SIC Code: 9999
COID: LA
Non-Cancer Chronic Haz Ind:
Non-Cancer Acute Haz Ind:
DISN: SOUTH COAST AQMD
CHAPIS:
CERR Code:
TS:
Health Risk Asmt:

2020 Toxic Data

CO: 19
Air Basin: SC
Facility ID: 114199
District: SC
Facility SIC Code: 9999
COID: LA
Non-Cancer Chronic Haz Ind:
Non-Cancer Acute Haz Ind:
DISN: SOUTH COAST AQMD
CHAPIS:
CHERR Code:
TS:
Health Risk Asmt:

2021 Toxic Data

Co: 19
Air Basin: SC
Facility ID: 114199
District: SC
Facility SIC Code: 9999
COID: LA
Non-Cancer Chronic Haz Ind:
Non-Cancer Acute Haz Ind:
DISN: SOUTH COAST AQMD
CHAPIS:
Cerr Code:
TS:
Health Risk Asmt:

12	*4 of6*	*E*	*0.19 / 1,020.18*	*71.16 / 0*	***MOHAMAD POURNAMDARI INC*** ***3950 W IMPERIAL HWY*** ***HAWTHORNE CA 90303***	***CERS TANK***

Site ID: 135922
Latitude: 33.930270
Longitude: -118.342870

Regulated Programs

EI ID: 10299259
EI Description: Hazardous Waste Generator

EI ID: 10299259
EI Description: Chemical Storage Facilities

EI ID: 10299259
EI Description: Underground Storage Tank

Violations

Violation Date: 06/04/2021
Violation Source: CERS
Violation Program: UST
Violation Division: Los Angeles County Department of Public Works
Citation: 23 CCR 16 2712 - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712
Violation Notes:

Returned to compliance on 07/27/2021. CHANGE IN OWNERSHIP SUBMIT TRANSFER APPLICATION TO UST@PW.LACOUNTY.GOV FEES TO BE DETERMINED BY UST ENGINEERS

Violation Description:

Failure to comply with any of the applicable requirements of the permit issued for the operation of the UST system.

Violations

Violation Date: 04/29/2015
Violation Source: CERS
Violation Program: UST
Violation Division: Los Angeles County Department of Public Works
Citation: 23 CCR 16 2636(f) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2636(f)
Violation Notes:

Returned to compliance on 06/18/2019.

Violation Description:

Failure to continuously monitor the interstitial space of the tank, piping and/or sumps sump such that the leak detection activates an audible/visual alarm when a leak is detected.

Violations

Violation Date: 05/08/2015
Violation Source: CERS
Violation Program: UST
Violation Division: Los Angeles County Department of Public Works
Citation: HSC 6.7 25284(a)(3) - California Health and Safety Code, Chapter 6.7, Section(s) 25284(a)(3)
Violation Notes:

Returned to compliance on 06/18/2019.

Violation Description:

Failure to submit, maintain, or implement an owner/operator written agreement.

Violations

Violation Date: 04/06/2022
Violation Source: CERS
Violation Program: UST
Violation Division: Los Angeles County Department of Public Works
Citation: HSC 6.7 25284, 25286 - California Health and Safety Code, Chapter 6.7, Section(s) 25284, 25286
Violation Notes:

CERS FACILITY INFO ERROR, SCTR REPAIRS TESTING SUBMITTED LATE. MISSED JULY OSOD. COLD START IN DECEMBER 2021. CORRECT TANK OWN/PROP OWN INFO TO MATCH LACO ASSR RECORD, BOE & APP TEST RECORDS DUE W/IN 30 DAYS POST TEST. OSDO 30D OR LESS. COLD APP

Violation Description:

Failure to submit a complete and accurate application for a permit to operate a UST, or for renewal of the permit.

Violations

Violation Date: 04/29/2015
Violation Source: CERS
Violation Program: UST
Violation Division: Los Angeles County Department of Public Works
Citation: HSC 6.7 25299(a)(9) - California Health and Safety Code, Chapter 6.7, Section(s) 25299(a)(9)
Violation Notes:

Returned to compliance on 06/18/2019.

Violation Description:

Leak detection equipment disabled or tampered with in a manner that would prevent the monitoring system from detecting and/or alerting the owner/operator of a leak.

Violations

Violation Date: 04/06/2022
Violation Source: CERS
Violation Program: UST
Violation Division: Los Angeles County Department of Public Works
Citation: 23 CCR 16 2716(f) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2716(f)
Violation Notes:

CERS FACILITY INFO ERROR, SCTR REPAIRS TESTING SUBMITTED LATE. MISSED JULY OSOD. COLD START IN DECEMBER 2021. CORRECT TANK OWN/PROP OWN INFO TO MATCH LACO ASSR RECORD, BOE & APP TEST RECORDS DUE W/IN 30 DAYS POST TEST. OSDO 30D OR LESS. COLD APP

Violation Description:

Failure to maintain on-site, or off-site at a readily available location if approved by the UPA, copies of Designated Operator inspection records as follows:

Designated operator monthly inspection records for inspections performed before October 1, 2018 must be kept for 12 months from the month of inspection.

For inspections performed on or after October 1, 2018, copies of the "Designated Underground Storage Tank Operator Visual Inspection Report" must be kept for 36 months from the month of inspection.

Violations

Violation Date: 04/29/2015
Violation Source: CERS
Violation Program: UST
Violation Division: Los Angeles County Department of Public Works
Citation: 23 CCR 16 2715 - California Code of Regulations, Title 23, Chapter 16, Section(s) 2715
Violation Notes:

Returned to compliance on 06/18/2019.

Violation Description:

Failure to comply with one or more of the designated operator monthly inspection requirements: failed to inspect the monthly alarm history report; attach a copy of the alarm history; failed to inspect for the presence of liquid or debris in the spill container/spill bucket and under dispenser containment; failed to inspect the under dispenser containment to ensure that monitoring equipment is placed in the proper position; failure to inspect for liquid or debris in the containment sump where an alarm occurred or for which there is no record of a service visit; or failure to check that all testing and maintenance has been completed and documented.

Violations

Violation Date: 05/08/2015 ***Violation Source:*** CERS
Violation Program: UST ***Violation Division:*** Los Angeles County Department of Public Works
Citation: HSC 6.75 25299.30-25299.34 - California Health and Safety Code, Chapter 6.75, Section(s) 25299.30-25299.34
Violation Notes:

Returned to compliance on 06/18/2019.

Violation Description:

Failure to submit and maintain complete and current Certification of Financial Responsibility or other mechanism of financial assurance.

Violations

Violation Date: 04/21/2017 ***Violation Source:*** CERS
Violation Program: UST ***Violation Division:*** Los Angeles County Department of Public Works
Citation: 23 CCR 16 2712(f) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(f)
Violation Notes:

Returned to compliance on 06/18/2019.

Violation Description:

Failure to implement the corrections specified in the inspection report within 30 calendar days of receiving an inspection report from either the CUPA or special inspector.

Violations

Violation Date: 04/17/2018 ***Violation Source:*** CERS
Violation Program: UST ***Violation Division:*** Los Angeles County Department of Public Works
Citation: HSC 6.7 25290.1(c)(3),25290.2(c)(3) - California Health and Safety Code, Chapter 6.7, Section(s) 25290.1(c)(3), 25290.2(c)(3)
Violation Notes:

Returned to compliance on 06/18/2019.

Violation Description:

Failure to keep water out of the secondary containment of UST systems installed on or after July 1, 2003.

Violations

Violation Date: 04/29/2019 ***Violation Source:*** CERS
Violation Program: UST ***Violation Division:*** Los Angeles County Department of Public Works
Citation: 23 CCR 16 2712(i) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(i)
Violation Notes:

Returned to compliance on 06/18/2019.

Violation Description:

Failure to have current UST Monitoring Plan available on site.

Violations

Violation Date: 05/08/2015 ***Violation Source:*** CERS
Violation Program: UST ***Violation Division:*** Los Angeles County Department of Public

Works

Citation: 23 CCR 16 2643 - California Code of Regulations, Title 23, Chapter 16, Section(s) 2643
Violation Notes:

Returned to compliance on 06/18/2019.

Violation Description:

Failure to demonstrate to the CUPA that the method approved to monitor the tank meets the monitoring methods set forth in 2643(f).

Violations

Violation Date: 04/21/2017 ***Violation Source:*** CERS
Violation Program: UST ***Violation Division:*** Los Angeles County Department of Public Works
Citation: 23 CCR 16 2712 - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712
Violation Notes:

Returned to compliance on 06/18/2019.

Violation Description:

Failure to comply with any of the applicable requirements of the permit issued for the operation of the UST system.

Violations

Violation Date: 04/17/2018 ***Violation Source:*** CERS
Violation Program: UST ***Violation Division:*** Los Angeles County Department of Public Works
Citation: 23 CCR 16 2712(i) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(i)
Violation Notes:

Returned to compliance on 06/18/2019.

Violation Description:

Failure to have current UST Monitoring Plan available on site.

Violations

Violation Date: 05/08/2015 ***Violation Source:*** CERS
Violation Program: UST ***Violation Division:*** Los Angeles County Department of Public Works
Citation: 23 CCR 16 2638 - California Code of Regulations, Title 23, Chapter 16, Section(s) 2638
Violation Notes:

Returned to compliance on 06/18/2019.

Violation Description:

Failure to test leak detection equipment as required every 12 months (VPH, sensor, LLD, ATG, etc.) and/or submit monitoring system certification to the CUPA within 30 days of completion of the test

Violations

Violation Date: 11/30/2022 ***Violation Source:*** CERS
Violation Program: HW ***Violation Division:*** Los Angeles County Fire Department
Citation: 22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Notes:

Returned to compliance on 02/24/2023. OBSERVATION: one 55 gallon of testing water and one 55 gallon of filters/absorbents located in the hazardous waste storage area were observed without the hazardous waste label. CORRECTIVE ACTION: Submit photos to the CUPA demonstrating that the

container listed above has been properly labeled.

Violation Description:

Failure to properly label hazardous waste accumulation containers and portable tanks with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.

Violations

Violation Date: 06/06/2016 ***Violation Source:*** CERS
Violation Program: HMRRP ***Violation Division:*** Los Angeles County Fire Department
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Notes:

Returned to compliance on 04/25/2017. OBSERVATION: The facility has not annually reviewed and certified that the business plan is complete, accurate, and up-to-date. CERS review revealed no 2016 reporting year submittal. CORRECTIVE ACTION: Review, revise, and certify the business plan electronically in the California Environmental Reporting System (CERS).

Violation Description:

Failure to annually review and electronically certify that the business plan is complete and accurate on or before the annual due date.

Violations

Violation Date: 05/19/2016 ***Violation Source:*** CERS
Violation Program: UST ***Violation Division:*** Los Angeles County Department of Public Works
Citation: 23 CCR 16 2715(a) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2715(a)
Violation Notes:

Returned to compliance on 06/18/2019.

Violation Description:

The owner/operator has failed to designate an UST operator or to inform the CUPA or any change in the designated UST operator(s) within 30 days after a change.

Violations

Violation Date: 05/08/2015 ***Violation Source:*** CERS
Violation Program: UST ***Violation Division:*** Los Angeles County Department of Public Works
Citation: HSC 6.7 25286 - California Health and Safety Code, Chapter 6.7, Section(s) 25286
Violation Notes:

Returned to compliance on 06/18/2019.

Violation Description:

Failure to obtain and maintain a valid Board of Equalization account number.

Violations

Violation Date: 04/17/2018 ***Violation Source:*** CERS
Violation Program: UST ***Violation Division:*** Los Angeles County Department of Public Works
Citation: HSC 6.7 25284, 25286 - California Health and Safety Code, Chapter 6.7, Section(s) 25284, 25286
Violation Notes:

Returned to compliance on 06/18/2019.

Violation Description:

Failure to submit a complete and accurate application for a permit to operate a UST, or for renewal of the permit.

Violations

Violation Date: 04/17/2018
Violation Source: CERS
Violation Program: UST
Violation Division: Los Angeles County Department of Public Works
Citation: 23 CCR 16 2641(h) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2641(h)
Violation Notes:

Returned to compliance on 06/18/2019.

Violation Description:

Failure to have an approved UST Monitoring Plan.

Violations

Violation Date: 12/09/2019
Violation Source: CERS
Violation Program: HW
Violation Division: Los Angeles County Fire Department
Citation: 22 CCR 12 66262.12 - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.12
Violation Notes:

Returned to compliance on 01/08/2020. OBSERVATION: The generator's EPA ID number is inactive. A hazardous waste generator shall not treat, store, dispose of, transport or offer for transportation, hazardous waste without an active EPA ID number. CORRECTIVE ACTION: Submit documentation to the CUPA demonstrating that you have reactivated the facility's EPA ID number.

Violation Description:

Failure to obtain an Identification Number prior to treating, storing, disposing of, transporting or offering for transportation any hazardous waste.

Violations

Violation Date: 05/19/2016
Violation Source: CERS
Violation Program: UST
Violation Division: Los Angeles County Department of Public Works
Citation: HSC 6.75 25299.30-25299.34 - California Health and Safety Code, Chapter 6.75, Section(s) 25299.30-25299.34
Violation Notes:

Returned to compliance on 06/18/2019.

Violation Description:

Failure to submit and maintain complete and current Certification of Financial Responsibility or other mechanism of financial assurance.

Violations

Violation Date: 11/30/2022
Violation Source: CERS
Violation Program: HW
Violation Division: Los Angeles County Fire Department
Citation: 22 CCR 12 66262.40(a) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.40(a)
Violation Notes:

Returned to compliance on 02/24/2023. OBSERVATION: Uniform Hazardous Waste Manifests for testing water and filters were not available at the time of inspection. CORRECTIVE ACTION: Locate a copy of all manifests for testing water and filters and submit copies to the CUPA.

Violation Description:

Failure to keep a copy of each properly signed manifest for at least three years from the date the waste was accepted by the initial transporter. The manifest signed at the time the waste was accepted for transport shall be kept until receiving a signed copy from the designated facility which received the waste.

Violations

Violation Date: 05/08/2015 ***Violation Source:*** CERS
Violation Program: UST ***Violation Division:*** Los Angeles County Department of Public Works
Citation: HSC 6.7 25291 - California Health and Safety Code, Chapter 6.7, Section(s) 25291
Violation Notes:

Returned to compliance on 06/18/2019.

Violation Description:

Failure to maintain under-dispenser containment, sumps, and/or other secondary containment in good condition and/or free of debris/liquid.

Violations

Violation Date: 04/21/2017 ***Violation Source:*** CERS
Violation Program: UST ***Violation Division:*** Los Angeles County Department of Public Works
Citation: 23 CCR 16 2641(h) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2641(h)
Violation Notes:

Returned to compliance on 06/18/2019.

Violation Description:

Failure to have an approved UST Monitoring Plan.

Violations

Violation Date: 05/19/2016 ***Violation Source:*** CERS
Violation Program: UST ***Violation Division:*** Los Angeles County Department of Public Works
Citation: HSC 6.7 25291 - California Health and Safety Code, Chapter 6.7, Section(s) 25291
Violation Notes:

Returned to compliance on 06/18/2019.

Violation Description:

Failure to maintain under-dispenser containment, sumps, and/or other secondary containment in good condition and/or free of debris/liquid.

Violations

Violation Date: 05/19/2016 ***Violation Source:*** CERS
Violation Program: UST ***Violation Division:*** Los Angeles County Department of Public Works
Citation: HSC 6.7 25286 - California Health and Safety Code, Chapter 6.7, Section(s) 25286
Violation Notes:

Returned to compliance on 06/18/2019.

Violation Description:

Failure to obtain and maintain a valid Board of Equalization account number.

Violations

Violation Date: 04/29/2019 ***Violation Source:*** CERS
Violation Program: UST ***Violation Division:*** Los Angeles County Department of Public Works
Citation: 23 CCR 16 2712 - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712

Violation Notes:

Returned to compliance on 06/18/2019.

Violation Description:

Failure to comply with any of the applicable requirements of the permit issued for the operation of the UST system.

Violations

Violation Date: 04/29/2019
Violation Source: CERS
Violation Program: UST
Violation Division: Los Angeles County Department of Public Works
Citation: 23 CCR 16 2712(f) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(f)
Violation Notes:

Returned to compliance on 06/18/2019.

Violation Description:

Failure to implement the corrections specified in the inspection report within 30 days of receiving an inspection report from either the UPA or special inspector.

Violations

Violation Date: 05/08/2015
Violation Source: CERS
Violation Program: UST
Violation Division: Los Angeles County Department of Public Works
Citation: 23 CCR 16 2641(a) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2641(a)
Violation Notes:

Returned to compliance on 06/18/2019.

Violation Description:

Failure of sensor to be located in the proper position/location.

Violations

Violation Date: 05/08/2015
Violation Source: CERS
Violation Program: UST
Violation Division: Los Angeles County Department of Public Works
Citation: 23 CCR 16 2712(f) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(f)
Violation Notes:

Returned to compliance on 06/18/2019.

Violation Description:

Failure to implement the corrections specified in the inspection report within 30 calendar days of receiving an inspection report from either the local agency or the special inspector.

Violations

Violation Date: 04/21/2017
Violation Source: CERS
Violation Program: UST
Violation Division: Los Angeles County Department of Public Works
Citation: HSC 6.75 25299.30-25299.34 - California Health and Safety Code, Chapter 6.75, Section(s) 25299.30-25299.34
Violation Notes:

Returned to compliance on 06/18/2019.

Violation Description:

Failure to submit and maintain complete and current Certification of Financial Responsibility or other mechanism of financial assurance.

Violations

Violation Date: 04/21/2017
Violation Source: CERS
Violation Program: UST
Violation Division: Los Angeles County Department of Public Works
Citation: 23 CCR 16 2715(a) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2715(a)
Violation Notes:

Returned to compliance on 06/18/2019.

Violation Description:

Failure to notify the CUPA of the designated operator (DO) identification and/or change of the DO within 30 days.

Violations

Violation Date: 04/21/2017
Violation Source: CERS
Violation Program: UST
Violation Division: Los Angeles County Department of Public Works
Citation: 23 CCR 16 2712(i) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(i)
Violation Notes:

Returned to compliance on 06/18/2019.

Violation Description:

Failure to have a UST Monitoring Plan available on site.

Violations

Violation Date: 05/08/2015
Violation Source: CERS
Violation Program: UST
Violation Division: Los Angeles County Department of Public Works
Citation: 23 CCR 16 2636(f) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2636(f)
Violation Notes:

Returned to compliance on 06/18/2019.

Violation Description:

Failure to continuously monitor the interstitial space of the tank, piping and/or sumps sump such that the leak detection activates an audible/visual alarm when a leak is detected.

Violations

Violation Date: 04/29/2019
Violation Source: CERS
Violation Program: UST
Violation Division: Los Angeles County Department of Public Works
Citation: 23 CCR 16 2712(b)(1)(G) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(b)(1)(G)
Violation Notes:

Returned to compliance on 06/18/2019.

Violation Description:

Failure to comply with one or more of the following overfill prevention equipment requirements:
Alert the transfer operator when the tank is 90 percent full by restricting the flow into the tank or triggering an audible and visual alarm; or
Restrict delivery of flow to the tank at least 30 minutes before the tank overfills, provided the restriction occurs when the tank is filled to no more than 95 percent of capacity; and activate an audible alarm at least five minutes before the tank overfills; or

Provide positive shut-off of flow to the tank when the tank is filled to no more than 95 percent of capacity; or
Provide positive shut-off of flow to the tank so that none of the fittings located on the top of the tank are exposed to product due to overfilling.

Install/retrofit overfill prevention equipment that does not use flow restrictors on vent piping to meet overfill prevention equipment requirements when the overfill prevention equipment is installed, repaired, or replaced on and after October 1, 2018.

For USTs installed before October 1, 2018, perform an inspection by October 13, 2018 and every 36 months thereafter.

For USTs installed on and after October 1, 2018, perform an inspection at installation and every 36 months thereafter.

Inspected within 30 days after a repair to the overfill prevention equipment.

Inspected using an applicable manufacturer guidelines, industry codes, engineering standards, or a method approved by a professional engineer.

Inspected by a certified UST service technician.

Maintain records of overfill prevention equipment inspection for 36 months.

Violations

Violation Date: 04/17/2018
Violation Source: CERS
Violation Program: UST
Violation Division: Los Angeles County Department of Public Works
Citation: 23 CCR 16 2711(a)(8) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2711(a)(8)
Violation Notes:

Returned to compliance on 06/18/2019.

Violation Description:

Failure to submit or maintain a current facility plot plan.

Violations

Violation Date: 04/21/2017
Violation Source: CERS
Violation Program: UST
Violation Division: Los Angeles County Department of Public Works
Citation: 23 CCR 16 2632(d)(1)(C), 2641(h), 2711(a)(8) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2632(d)(1)(C), 2641(h), 2711(a)(8)
Violation Notes:

Returned to compliance on 06/18/2019.

Violation Description:

Failure to submit or update a plot plan.

Violations

Violation Date: 07/09/2020
Violation Source: CERS
Violation Program: UST
Violation Division: Los Angeles County Department of Public Works
Citation: 23 CCR 16 2711(a)(8) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2711(a)(8)
Violation Notes:

Returned to compliance on 09/18/2020. CERS CORR: SITE PLAN MISSING LOCATION OF SENSORS/LLD

Violation Description:

Failure to submit or maintain a current facility plot plan.

Violations

Violation Date: 06/06/2016 ***Violation Source:*** CERS
Violation Program: HW ***Violation Division:*** Los Angeles County Fire Department
Citation: 22 CCR 12 66262.12 - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.12
Violation Notes:

Returned to compliance on 02/24/2017. OBSERVATION: This facility does not have a valid EPA ID number to manage hazardous waste. A hazardous waste generator shall not treat, store, dispose of, transport or offer for transportation, hazardous waste without an EPA ID number. CORRECTIVE ACTION: Immediately obtain an EPA ID number through DTSC to manage hazardous waste and submit evidence to the CUPA by [date, 30 days from now].

Violation Description:

Failure to obtain an Identification Number prior to treating, storing, disposing of, transporting or offering for transportation any hazardous waste.

Violations

Violation Date: 05/19/2016 ***Violation Source:*** CERS
Violation Program: UST ***Violation Division:*** Los Angeles County Department of Public Works
Citation: 23 CCR 16 2712(i) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(i)
Violation Notes:

Returned to compliance on 06/18/2019.

Violation Description:

Failure to maintain on site an approved monitoring plan.

Violations

Violation Date: 04/27/2021 ***Violation Source:*** CERS
Violation Program: UST ***Violation Division:*** Los Angeles County Department of Public Works
Citation: 23 CCR 16 2712 - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712
Violation Notes:

Returned to compliance on 09/01/2021. DO REPORTS NOT SIGNED BY OWNER 12/20 AND 3/21 PROPERTY OWNER/TANK OWNER DO NOT MATCH COUNTY RECORDS SIGN DO REPORTS 12/20 AND 3/21| COW POSS-REQUIRES TRANS APP/FEES SEND CURRENT UST TANK OWNER/PROPERTY OWNER TO UST@PW.LACOUNTY.GOV

Violation Description:

Failure to comply with any of the applicable requirements of the permit issued for the operation of the UST system.

Violations

Violation Date: 05/08/2015 ***Violation Source:*** CERS
Violation Program: UST ***Violation Division:*** Los Angeles County Department of Public Works
Citation: 23 CCR 16 2711(a)(8) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2711(a)(8)
Violation Notes:

Returned to compliance on 06/18/2019.

Violation Description:

Failure to submit, obtain approval, or maintain a complete/accurate plot plan.

Violations

Violation Date: 04/29/2019 ***Violation Source:*** CERS

Violation Program: UST ***Violation Division:*** Los Angeles County Department of Public Works
Citation: 23 CCR 16 2715(a)(1)(B) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2715(a)(1)(B)
Violation Notes:

Returned to compliance on 06/18/2019.

Violation Description:

Failure to submit the "Designated Underground Storage Tank Operator Identification Form" within 30 days of installing a UST system or within 30 days of a change in DO.

Violations

Violation Date: 05/19/2016 ***Violation Source:*** CERS
Violation Program: UST ***Violation Division:*** Los Angeles County Department of Public Works
Citation: HSC 6.7 25286(a) - California Health and Safety Code, Chapter 6.7, Section(s) 25286(a)
Violation Notes:

Returned to compliance on 06/18/2019.

Violation Description:

Failure to submit an complete and accurate application for a permit to operate an underground storage tank, or for renewal of the permit.

Violations

Violation Date: 04/21/2017 ***Violation Source:*** CERS
Violation Program: UST ***Violation Division:*** Los Angeles County Department of Public Works
Citation: 23 CCR 6.7 25284, 25286 - California Code of Regulations, Title 23, Chapter 6.7, Section(s) 25284, 25286
Violation Notes:

Returned to compliance on 06/18/2019.

Violation Description:

Failure to submit a complete and accurate application for a permit to operate a UST, or for renewal of the permit.

Violations

Violation Date: 04/29/2019 ***Violation Source:*** CERS
Violation Program: UST ***Violation Division:*** Los Angeles County Department of Public Works
Citation: 23 CCR 16 2641(h) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2641(h)
Violation Notes:

Returned to compliance on 06/18/2019.

Violation Description:

Failure to have an approved UST Monitoring Plan.

Violations

Violation Date: 04/29/2015 ***Violation Source:*** CERS
Violation Program: UST ***Violation Division:*** Los Angeles County Department of Public Works
Citation: HSC 6.7 25291 - California Health and Safety Code, Chapter 6.7, Section(s) 25291
Violation Notes:

Returned to compliance on 06/18/2019.

Violation Description:

Failure to maintain under-dispenser containment, sumps, and/or other secondary containment in good condition and/or free of debris/liquid.

Violations

Violation Date: 04/17/2018 ***Violation Source:*** CERS
Violation Program: UST ***Violation Division:*** Los Angeles County Department of Public Works
Citation: 23 CCR 16 2715(f)(3) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2715(f)(3)
Violation Notes:

Returned to compliance on 06/18/2019.

Violation Description:

Failure to maintain a list of employees trained by the designated operator on-site or off-site at a readily available location, if approved by the UPA.

Violations

Violation Date: 05/08/2015 ***Violation Source:*** CERS
Violation Program: UST ***Violation Division:*** Los Angeles County Department of Public Works
Citation: HSC 6.7 252911(e) - California Health and Safety Code, Chapter 6.7, Section(s) 252911(e)
Violation Notes:

Returned to compliance on 06/18/2019.

Violation Description:

Failure of the facility to contain a means for the owner or operator to properly remove water from secondary containment system. Water removed from secondary containment is analyzed and disposed of properly.

Violations

Violation Date: 04/17/2018 ***Violation Source:*** CERS
Violation Program: UST ***Violation Division:*** Los Angeles County Department of Public Works
Citation: 23 CCR 16 2712 - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712
Violation Notes:

Returned to compliance on 06/18/2019.

Violation Description:

Failure to comply with any of the applicable requirements of the permit issued for the operation of the UST system.

Violations

Violation Date: 04/29/2019 ***Violation Source:*** CERS
Violation Program: UST ***Violation Division:*** Los Angeles County Department of Public Works
Citation: HSC 6.7 Multiple - California Health and Safety Code, Chapter 6.7, Section(s) Multiple
Violation Notes:

Returned to compliance on 06/18/2019.

Violation Description:

UST Program -General - Must include violation description, proper statute and regulation citation in the "comment" section.

Violations

Violation Date: 07/09/2020
Violation Source: CERS
Violation Program: UST
Violation Division: Los Angeles County Department of Public Works
Citation: 23 CCR 16 2712 - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712
Violation Notes:

Returned to compliance on 09/18/2020. CERS CORR: SITE PLAN MISSING LOCATION OF SENSORS/LLD

Violation Description:

Failure to comply with any of the applicable requirements of the permit issued for the operation of the UST system.

Violations

Violation Date: 04/29/2015
Violation Source: CERS
Violation Program: UST
Violation Division: Los Angeles County Department of Public Works
Citation: 23 CCR 16 2632, 2634, 2636, 2666 - California Code of Regulations, Title 23, Chapter 16, Section(s) 2632, 2634, 2636, 2666
Violation Notes:

Returned to compliance on 06/18/2019.

Violation Description:

Failure of the leak detection equipment to be properly programmed or properly operated.

Violations

Violation Date: 04/29/2015
Violation Source: CERS
Violation Program: UST
Violation Division: Los Angeles County Department of Public Works
Citation: 23 CCR 16 2637 - California Code of Regulations, Title 23, Chapter 16, Section(s) 2637
Violation Notes:

Returned to compliance on 06/18/2019.

Violation Description:

Failure to comply with one or more of the following: conduct secondary containment testing, within six months of installation and every 36 months thereafter, conducted in accordance with proper practices, protocols, or test methods.

Violations

Violation Date: 04/06/2022
Violation Source: CERS
Violation Program: UST
Violation Division: Los Angeles County Department of Public Works
Citation: 23 CCR 16 2635(e)(8) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2635(e)(8)
Violation Notes:

CERS FACILITY INFO ERROR, SCTR REPAIRS TESTING SUBMITTED LATE. MISSED JULY OSOD. COLD START IN DECEMBER 2021. CORRECT TANK OWN/PROP OWN INFO TO MATCH LACO ASSR RECORD, BOE & APP TEST RECORDS DUE W/IN 30 DAYS POST TEST. OSDO 30D OR LESS. COLD APP

Violation Description:

Failure to submit as-built plans for the location and orientation of the tanks and appurtenant piping systems for new installations and/or with the permit application.

Violations

Violation Date: 04/04/2023 ***Violation Source:*** CERS
Violation Program: UST ***Violation Division:*** Los Angeles County Department of Public Works
Citation: 23 CCR 16 2712 - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712
Violation Notes:

LIQUID IN UDC 1/2 87 STP/FILL, 89 FILL COLD START 2021 (PRVS NOVC) RMV LIQUID FROM UDC 1/2, 87 STP/FILL, 89 FILL SUBMIT PERMIT FOR COLD START 2021(PRVS NOVC)

Violation Description:

Failure to comply with any of the applicable requirements of the permit issued for the operation of the UST system.

Violations

Violation Date: 04/17/2018 ***Violation Source:*** CERS
Violation Program: UST ***Violation Division:*** Los Angeles County Department of Public Works
Citation: 23 CCR 16 2715(f)(2) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2715(f)(2)
Violation Notes:

Returned to compliance on 06/18/2019.

Violation Description:

Failure to have at least one facility employee present during operating hours that has been trained in the proper operation and maintenance of the UST system by a designated operator (DO).

Violations

Violation Date: 04/17/2018 ***Violation Source:*** CERS
Violation Program: UST ***Violation Division:*** Los Angeles County Department of Public Works
Citation: HSC 6.7 25284 - California Health and Safety Code, Chapter 6.7, Section(s) 25284
Violation Notes:

Returned to compliance on 06/18/2019.

Violation Description:

Failure to obtain a valid permit to operate from the UPA including but not limited to unpaid permit fees.

Violations

Violation Date: 04/17/2018 ***Violation Source:*** CERS
Violation Program: UST ***Violation Division:*** Los Angeles County Department of Public Works
Citation: 23 CCR 16 2712(f) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(f)
Violation Notes:

Returned to compliance on 06/18/2019.

Violation Description:

Failure to implement the corrections specified in the inspection report within 30 calendar days of receiving an inspection report from either the UPA or special inspector.

Violations

Violation Date: 04/17/2018 ***Violation Source:*** CERS

Violation Program: UST ***Violation Division:*** Los Angeles County Department of Public Works
Citation: 23 CCR 16 2715(a) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2715(a)
Violation Notes:

Returned to compliance on 06/18/2019.

Violation Description:

Failure to submit the UPA. of the designated operator (DO) identification and/or change of the DO within 30 days.

Violations

Violation Date: 04/29/2015 ***Violation Source:*** CERS
Violation Program: UST ***Violation Division:*** Los Angeles County Department of Public Works
Citation: 23 CCR 16 2638 - California Code of Regulations, Title 23, Chapter 16, Section(s) 2638
Violation Notes:

Returned to compliance on 06/18/2019.

Violation Description:

Failure to test leak detection equipment as required every 12 months (VPH, sensor, LLD, ATG, etc.) and/or submit monitoring system certification to the CUPA within 30 days of completion of the test

Violations

Violation Date: 05/08/2015 ***Violation Source:*** CERS
Violation Program: UST ***Violation Division:*** Los Angeles County Department of Public Works
Citation: HSC 6.7 25299(a)(9) - California Health and Safety Code, Chapter 6.7, Section(s) 25299(a)(9)
Violation Notes:

Returned to compliance on 06/18/2019.

Violation Description:

Leak detection equipment disabled or tampered with in a manner that would prevent the monitoring system from detecting and/or alerting the owner/operator of a leak.

Violations

Violation Date: 05/08/2015 ***Violation Source:*** CERS
Violation Program: UST ***Violation Division:*** Los Angeles County Department of Public Works
Citation: 23 CCR 16 2637 - California Code of Regulations, Title 23, Chapter 16, Section(s) 2637
Violation Notes:

Returned to compliance on 06/18/2019.

Violation Description:

Failure to comply with one or more of the following: conduct secondary containment testing, within six months of installation and every 36 months thereafter, conducted in accordance with proper practices, protocols, or test methods.

Violations

Violation Date: 04/04/2023 ***Violation Source:*** CERS
Violation Program: UST ***Violation Division:*** Los Angeles County Department of Public Works
Citation: 23 CCR 16 2712(f) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(f)

Violation Notes:

LIQUID IN UDC 1/2 87 STP/FILL, 89 FILL COLD START 2021 (PRVS NOVC) RMV LIQUID FROM UDC 1/2, 87 STP/FILL, 89 FILL SUBMIT PERMIT FOR COLD START 2021(PRVS NOVC)

Violation Description:

Failure to implement the corrections specified in the inspection report within 30 days of receiving an inspection report from either the UPA or special inspector.

Violations

Violation Date: 04/06/2022
Violation Source: CERS
Violation Program: UST
Violation Division: Los Angeles County Department of Public Works
Citation: 23 CCR 16 2712 - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712
Violation Notes:

CERS FACILITY INFO ERROR, SCTR REPAIRS TESTING SUBMITTED LATE. MISSED JULY OSOD. COLD START IN DECEMBER 2021. CORRECT TANK OWN/PROP OWN INFO TO MATCH LACO ASSR RECORD, BOE & APP TEST RECORDS DUE W/IN 30 DAYS POST TEST. OSDO 30D OR LESS. COLD APP

Violation Description:

Failure to comply with any of the applicable requirements of the permit issued for the operation of the UST system.

Violations

Violation Date: 04/29/2019
Violation Source: CERS
Violation Program: UST
Violation Division: Los Angeles County Department of Public Works
Citation: HSC 6.7 25284, 25286 - California Health and Safety Code, Chapter 6.7, Section(s) 25284, 25286
Violation Notes:

Returned to compliance on 06/18/2019.

Violation Description:

Failure to submit a complete and accurate application for a permit to operate a UST, or for renewal of the permit.

Violations

Violation Date: 05/08/2015
Violation Source: CERS
Violation Program: UST
Violation Division: Los Angeles County Department of Public Works
Citation: 23 CCR 16 2712(i) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(i)
Violation Notes:

Returned to compliance on 06/18/2019.

Violation Description:

Failure to maintain on site an approved monitoring plan.

Violations

Violation Date: 04/29/2019
Violation Source: CERS
Violation Program: UST
Violation Division: Los Angeles County Department of Public Works
Citation: 23 CCR 16 2641(a) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2641(a)
Violation Notes:

Returned to compliance on 06/18/2019.

Violation Description:

Failure to maintain secondarily contained piping to allow liquid to flow into the sump in the event of a leak (i.e., failure to remove test boot).

Violations

Violation Date: 05/08/2015 ***Violation Source:*** CERS
Violation Program: UST ***Violation Division:*** Los Angeles County Department of Public Works
Citation: HSC 6.7 25286(a) - California Health and Safety Code, Chapter 6.7, Section(s) 25286(a)
Violation Notes:

Returned to compliance on 06/18/2019.

Violation Description:

Failure to submit an complete and accurate application for a permit to operate an underground storage tank, or for renewal of the permit.

Violations

Violation Date: 05/19/2016 ***Violation Source:*** CERS
Violation Program: UST ***Violation Division:*** Los Angeles County Department of Public Works
Citation: 23 CCR 16 2712(i) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(i)
Violation Notes:

Returned to compliance on 06/18/2019.

Violation Description:

Failure to submit, obtain approval, or maintain a complete/accurate response plan.

Violations

Violation Date: 04/06/2022 ***Violation Source:*** CERS
Violation Program: UST ***Violation Division:*** Los Angeles County Department of Public Works
Citation: 23 CCR 16 2637(f) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2637(f)
Violation Notes:

CERS FACILITY INFO ERROR, SCTR REPAIRS TESTING SUBMITTED LATE. MISSED JULY OSOD. COLD START IN DECEMBER 2021. CORRECT TANK OWN/PROP OWN INFO TO MATCH LACO ASSR RECORD, BOE & APP TEST RECORDS DUE W/IN 30 DAYS POST TEST. OSDO 30D OR LESS. COLD APP

Violation Description:

Failure to submit a copy of the secondary containment test results on the "Secondary Containment Testing report Form" to the UPA within 30 days after the test.

Violations

Violation Date: 04/29/2015 ***Violation Source:*** CERS
Violation Program: UST ***Violation Division:*** Los Angeles County Department of Public Works
Citation: 23 CCR 16 2641(a) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2641(a)
Violation Notes:

Returned to compliance on 06/18/2019.

Violation Description:

Failure of sensor to be located in the proper position/location.

Violations

Violation Date: 04/29/2019
Violation Source: CERS
Violation Program: UST
Violation Division: Los Angeles County Department of Public Works
Citation: 23 CCR 16 2712(i) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(i)
Violation Notes:

Returned to compliance on 06/18/2019.

Violation Description:

Failure to submit a current UST Response Plan available on site.

Violations

Violation Date: 05/08/2015
Violation Source: CERS
Violation Program: UST
Violation Division: Los Angeles County Department of Public Works
Citation: 23 CCR 16 2638(f) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2638(f)
Violation Notes:

Returned to compliance on 06/18/2019.

Violation Description:

Failure to properly affix tag/sticker on monitoring equipment being certified, repaired, or replaced.

Violations

Violation Date: 05/19/2016
Violation Source: CERS
Violation Program: UST
Violation Division: Los Angeles County Department of Public Works
Citation: 23 CCR 16 2712(f) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(f)
Violation Notes:

Returned to compliance on 06/18/2019.

Violation Description:

Failure to implement the corrections specified in the inspection report within 30 calendar days of receiving an inspection report from either the local agency or the special inspector.

Violations

Violation Date: 05/19/2016
Violation Source: CERS
Violation Program: UST
Violation Division: Los Angeles County Department of Public Works
Citation: 23 CCR 16 2711(a)(8) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2711(a)(8)
Violation Notes:

Returned to compliance on 06/18/2019.

Violation Description:

Failure to submit, obtain approval, or maintain a complete/accurate plot plan.

Violations

Violation Date: 04/29/2019 ***Violation Source:*** CERS
Violation Program: UST ***Violation Division:*** Los Angeles County Department of Public Works
Citation: 23 CCR 16 2641(h) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2641(h)
Violation Notes:

Returned to compliance on 06/18/2019.

Violation Description:

Failure to have an approved UST Response Plan.

Violations

Violation Date: 11/30/2022 ***Violation Source:*** CERS
Violation Program: HW ***Violation Division:*** Los Angeles County Fire Department
Citation: 22 CCR 11 66261.7 - California Code of Regulations, Title 22, Chapter 11, Section(s) 66261.7
Violation Notes:

Returned to compliance on 02/24/2023. OBSERVATION: Owner/Operator failed to properly manage empty containers greater than 5 gallons in capacity that previously held a hazardous material/waste. CORRECTIVE ACTION: Submit photos/documentation to the UPA demonstrating that the empty containers have been marked with the date they were emptied and are being properly managed pursuant to 22 CCR 11 66261.7.

Violation Description:

Failure to manage empty containers greater than 5 gallons in capacity that previously held a hazardous material/waste in accordance with 22 CCR 11 66261.7 including but not limited to the following:

(e)(2)By reclaiming its scrap value onsite or shipping the container or inner liner to a person who reclaims its scrap value; or

(3) By reconditioning or re manufacturing the container or inner liner onsite for subsequent reuse, or shipping the container or inner liner to a person who reconditions or re-manufactures the container or inner liner; or

(4) By shipping the container or inner liner to a supplier or to another intermediate collection location for accumulation prior to managing the container or inner liner pursuant to subsections (e)(2) or (e)(3) of 22 CCR 11 66261.7; or

(i) By shipping the container or inner liner back to the supplier for the purpose of being refilled.

(f) A container or an inner liner removed from a container larger than five gallons in capacity which is managed pursuant to subsection (e) of 22 CCR 11 66261.7 shall be marked with the date it has been emptied and shall be managed within one year of being emptied.

Evaluations

Eval Date: 11/30/2022
Violations Found: No
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Los Angeles County Fire Department
Eval Program: HMRRP
Eval Source: CERS
Eval Notes:

Eval Date: 12/09/2019
Violations Found: Yes
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS
Eval Notes:

Sara Lara, Manager; Note: data in [EVAL Notes] field for some records is truncated from the source.

Eval Date: 04/04/2023
Violations Found: Yes
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Los Angeles County Department of Public Works
Eval Program: UST
Eval Source: CERS
Eval Notes:

VRTLS 350|SMITH NOV DW PPNG|OPW SPBKS|PLLD-LLD|208 FILL & STP SUMPS 420 ANN|FV -OVFL|UDC-FLOAT AND CHAIN|NOVC RMV LQD/PRVS NOVC 2022; Note: data in [EVAL Notes] field for some records is truncated from the source.

Eval Date: 04/17/2018
Violations Found: Yes
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Los Angeles County Department of Public Works
Eval Program: UST
Eval Source: CERS
Eval Notes:

87/89/91/DSL; VRTLS 350 MS; AO SMITH DW PPNG; PLLD (LLD),SUMPS (VR20 8),420(ANN). NOTICE ISSUED.; Note: data in [EVAL Notes] field for some records is truncated from the source.

Eval Date: 06/04/2021
Violations Found: Yes
Eval General Type: Other/Unknown
Eval Type: Other, not routine, done by local agency
Eval Division: Los Angeles County Department of Public Works
Eval Program: UST
Eval Source: CERS
Eval Notes:

DCME CREATED ISSUE NOVC FOR CHANGE IN OWNERSHIP; Note: data in [EVAL Notes] field for some records is truncated from the source.

Eval Date: 06/06/2016
Violations Found: Yes
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS
Eval Notes:

Sara Lara; Note: data in [EVAL Notes] field for some records is truncated from the source.

Eval Date: 04/21/2017
Violations Found: Yes
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Los Angeles County Department of Public Works
Eval Program: UST
Eval Source: CERS
Eval Notes:

CERS CORR AND MISSING DOC,OPEN VIOL.VR TLS 350R,SMITH DW,PLLD,208 SU MP,420 ANN,BRAVO FLOAT + CHAIN,SW FG SUMP/VENT/VAPOR LINES; Note: data in [EVAL Notes] field for some records is truncated from the source.

Eval Date: 11/30/2022
Violations Found: Yes
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS

Eval Notes:

Sara Lara, Manager; Note: data in [EVAL Notes] field for some records is truncated from the source.

Eval Date: 05/05/2016
Violations Found: Yes
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Los Angeles County Department of Public Works
Eval Program: UST
Eval Source: CERS
Eval Notes:

;SMPS •208Ù;LLD•PLLDÙ;UDC•FLOAT/CHAINÙ;DW PIPES•AO SMITHÙ;OVERFILL •F/VÙ;VENT/VAPOR•SW AO SMITHÙ; Note: data in [EVAL Notes] field for some records is truncated from the source.

Eval Date: 05/08/2015
Violations Found: Yes
Eval General Type: Other/Unknown
Eval Type: Other, not routine, done by local agency
Eval Division: Los Angeles County Department of Public Works
Eval Program: UST
Eval Source: CERS
Eval Notes:

Eval Date: 10/30/2017
Violations Found: No
Eval General Type: Other/Unknown
Eval Type: Other, not routine, done by local agency
Eval Division: Los Angeles County Fire Department
Eval Program: HMRRP
Eval Source: CERS
Eval Notes:

Eval Date: 02/24/2023
Violations Found: No
Eval General Type: Other/Unknown
Eval Type: Other, not routine, done by local agency
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS
Eval Notes:

Eval Date: 06/06/2016
Violations Found: Yes
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Los Angeles County Fire Department
Eval Program: HMRRP
Eval Source: CERS
Eval Notes:

Sara Lara; Note: data in [EVAL Notes] field for some records is truncated from the source.

Eval Date: 02/24/2017
Violations Found: No
Eval General Type: Other/Unknown
Eval Type: Other, not routine, done by local agency
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS
Eval Notes:

Eval Date: 04/05/2022
Violations Found: Yes
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Los Angeles County Department of Public Works
Eval Program: UST
Eval Source: CERS
Eval Notes:

ERRORS-CERS RESP/PLN,FACILITY,OWN/OP AGRMENT-INFO DOES NOT MATCH UST RECORDS|DO REPORT MISSING|; Note: data in [EVAL Notes] field for some records is truncated from the source.

Eval Date: 07/09/2020
Violations Found: Yes
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Los Angeles County Department of Public Works
Eval Program: UST
Eval Source: CERS
Eval Notes:

NOVC: CERS CORR: SITE PLAN MISSING LOCATION OF SENSORS/LLD; Note: data in [EVAL Notes] field for some records is truncated from the source.

Eval Date: 12/09/2019
Violations Found: No
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Los Angeles County Fire Department
Eval Program: HMRRP
Eval Source: CERS
Eval Notes:

Sara Lara, Manager; Note: data in [EVAL Notes] field for some records is truncated from the source.

Eval Date: 04/27/2021
Violations Found: Yes
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Los Angeles County Department of Public Works
Eval Program: UST
Eval Source: CERS
Eval Notes:

TANK ONWER/OPERATOR DO NOT MATCH COUNTY RECORDS -POSSIBLE COW DO REPORTS NOT SIGNED BY OWNER 12/20 AND 3/21 (SIGNED ONSITE); Note: data in [EVAL Notes] field for some records is truncated from the source.

Eval Date: 04/29/2015
Violations Found: Yes
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Los Angeles County Department of Public Works
Eval Program: UST
Eval Source: CERS
Eval Notes:

TECH & OWNER REQUESTED CEASE TO CERT & INSPECTION. CTLS NOT CERTIFIE D. LIQUID & SENSOR RAISED IN REG,MID& PREM. FILL SUMPS.; Note: data in [EVAL Notes] field for some records is truncated from the source.

Eval Date: 04/29/2019
Violations Found: Yes
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Los Angeles County Department of Public Works
Eval Program: UST

Eval Source: CERS
Eval Notes:

DIESEL TEST BOOT ON PRODUCT LINE NOT ALLOWING TO DRAIN. OVFL INSP OVERDUE. CERS CORRECTIONS TO TANK INFO, MON PLAN, RESP PLAN, DO FORM; Note: data in [EVAL Notes] field for some records is truncated from the source.

Eval Date: 10/07/2020
Violations Found: No
Eval General Type: Other/Unknown
Eval Type: Other, not routine, done by local agency
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS
Eval Notes:

Follow up review conducted. Violation cited incorrectly on 22 CCR 66262.12 - advised Mr. Thompson over the phone to follow up with DTSC's eVQ to reactivate existing EPA ID. Resubmitted EPA ID application for CAL000424928 on behalf of owner - copy from original inspection on file. Emailed application to DTSC on 10/28/20; Note: data in [EVAL Notes] field for some records is truncated from the source.

Affiliations

Affil Type Desc: UST Tank Operator
Entity Name: Mohamad Pournamdari, Inc.
Entity Title:
Address: 3950 W Imperial Hwy.
City: Inglewood
State: Ca
Country: United States
Zip Code: 90303
Phone: (310) 680-9999

Affil Type Desc: UST Tank Owner
Entity Name: 5 Prairie, Inc.
Entity Title:
Address: 3950 W Imperial Hwy
City: Inglewood
State: CA
Country: United States
Zip Code: 90303
Phone: (310) 680-9999

Affil Type Desc: Legal Owner
Entity Name: Mohamad Pournamdari
Entity Title:
Address: 3950 W IMPERIAL HWY
City: Hawthorne
State: CA
Country: United States
Zip Code: 90303
Phone: (310) 680-9999

Affil Type Desc: Property Owner
Entity Name: 5 Prairie, Inc.
Entity Title:
Address: 3950 W IMPERIAL HWY
City: HAWTHORNE
State: CA
Country: United States
Zip Code: 90303
Phone: (310) 680-9999

Affil Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title:
Address: 3950 W IMPERIAL HWY
City: Hawthorne

State: CA
Country:
Zip Code: 90303
Phone:

Affil Type Desc: Operator
Entity Name: Mohamad Pournamdari
Entity Title:
Address:
City:
State:
Country:
Zip Code:
Phone: (310) 680-9999

Affil Type Desc: UST Property Owner Name
Entity Name: 5 Prairie, Inc.
Entity Title:
Address: 3950 W Imperial Hwy.
City: Inglewood
State: CA
Country: United States
Zip Code: 90303
Phone: (310) 680-9999

Affil Type Desc: Environmental Contact
Entity Name: Mohamad Pournamdari
Entity Title:
Address: 3950 W IMPERIAL HWY
City: Hawthorne
State: CA
Country:
Zip Code: 90303
Phone:

Affil Type Desc: Identification Signer
Entity Name: Mohamad Pournamdari
Entity Title: Owner
Address:
City:
State:
Country:
Zip Code:
Phone:

Affil Type Desc: CUPA District
Entity Name: Los Angeles County Fire
Entity Title:
Address: 5825 Rickenbacker Road
City: Commerce
State: CA
Country:
Zip Code: 90040-3027
Phone: (323) 890-4000

Affil Type Desc: Document Preparer
Entity Name: Sarah Proft
Entity Title:
Address:
City:
State:
Country:
Zip Code:
Phone:

Affil Type Desc: UST Permit Applicant
Entity Name: Todd Rex
Entity Title: contractor
Address:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

City:
State:
Country:
Zip Code:
Phone: (805) 218-0360

Affil Type Desc: Parent Corporation
Entity Name: MOHAMAD PARANARNDARI INC
Entity Title:
Address:
City:
State:
Country:
Zip Code:
Phone:

12	5 of6	E	0.19 / 1,020.18	71.16 / 0	MOHAMAD PARANARNDARI INC 3950 W IMPERIAL HWY HAWTHORNE CA 90303	CUPA LA COUNTY

Facility ID: FA0014265
CERS ID: 10299259

Active Facility Details

PE: 3001

PE: 7124

PE: 1001

Inactive Facility Details

PE: 7124

12	6 of6	E	0.19 / 1,020.18	71.16 / 0	MOHAMAD POURNAMDARI INC 3950 W IMPERIAL HWY INGLEWOOD CA 90303	RCRA NON GEN

EPA Handler ID: CAL000424928
Gen Status Universe: No Report
Contact Name: SARAI LARA
Contact Address: 8636 , ALAMEDA ST , , DOWNEY , CA, 90242 , US
Contact Phone No and Ext: 562-261-7226
Contact Email: TMRENVIRO@GMAIL.COM
Contact Country: US
County Name: LOS ANGELES
EPA Region: 09
Land Type: Private
Receive Date: 20201109
Location Latitude:
Location Longitude:

Violation/Evaluation Summary

Note: NO RECORDS: As of Apr 2024, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No

Transfer Facility:	No
Onsite Burner Exemption:	No
Furnace Exemption:	No
Underground Injection Activity:	No
Commercial TSD:	No
Used Oil Transporter:	No
Used Oil Transfer Facility:	No
Used Oil Processor:	No
Used Oil Refiner:	No
Used Oil Burner:	No
Used Oil Market Burner:	No
Used Oil Spec Marketer:	No

Hazardous Waste Handler Details

Sequence No:	1
Receive Date:	20201109
Handler Name:	MOHAMAD POURNAMDARI INC
Source Type:	Implementer
Federal Waste Generator Code:	N
Generator Code Description:	Not a Generator, Verified

Owner/Operator Details

Owner/Operator Ind:	Current Operator	**Street No:**	3950
Type:	Private	**Street 1:**	W IMPERIAL HWY
Name:	MOHAMAD PURNAMDARI INC	**Street 2:**	
Date Became Current:		**City:**	INGLEWOOD
Date Ended Current:		**State:**	CA
Phone:	310-722-2707	**Country:**	US
Source Type:	Implementer	**Zip Code:**	90303

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
13	1 of2	S	0.20 / 1,032.88	70.46 / -1	MARICELA MONRAZ 11725 MENLO AVENUE HAWTHORNE CA 90250	RCRA TSD

EPA Handler ID:	CAC003015893
Gen Status Universe:	No Report
Contact Name:	MARICELA MONRAZ
Contact Address:	11725 MENLO AVENUE , , HAWTHORNE , CA, 90250 ,
Contact Phone No and Ext:	323-984-5804
Contact Email:	VIANCATARANGO@ALLIANCE-ENVIRO.COM
Contact Country:	
Land Type:	
County Name:	LOS ANGELES
EPA Region:	09
Receive Date:	20190520
Location Latitude:	33.927602
Location Longitude:	-118.347224

Violation/Evaluation Summary

Note:	NO RECORDS: As of Apr 2024, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility:	No
Onsite Burner Exemption:	No
Smelting, Melting and Refining:	No

Underground Injection Control:	No
Commercial TSD:	No
Used Oil Transporter:	No
Used Oil Transfer Facility:	No
Used Oil Processor:	No
Used Oil Refiner:	No
Used Oil Burner:	No
Used Oil Market Burner:	No
Used Oil Spec Marketer:	No

Hazardous Waste Handler Details

Sequence No:	1
Receive Date:	20190520
Handler Name:	MARICELA MONRAZ
Federal Waste Generator Code:	N
Generator Code Description:	Not a Generator, Verified
Source Type:	Implementer
TSD Activity:	Y

Owner/Operator Details

Owner/Operator Ind:	Current Owner	***Street No:***	
Type:	Other	***Street 1:***	11725 MENLO AVENUE
Name:	MARICELA MONRAZ	***Street 2:***	
Date Became Current:		***City:***	HAWTHORNE
Date Ended Current:		***State:***	CA
Phone:	323-984-5804	***Country:***	
Source Type:	Implementer	***Zip Code:***	90250
Owner/Operator Ind:	Current Operator	***Street No:***	
Type:	Other	***Street 1:***	11725 MENLO AVENUE
Name:	MARICELA MONRAZ	***Street 2:***	
Date Became Current:		***City:***	HAWTHORNE
Date Ended Current:		***State:***	CA
Phone:	323-984-5804	***Country:***	
Source Type:	Implementer	***Zip Code:***	90250

13	***2 of2***	***S***	***0.20 / 1,032.88***	***70.46 / -1***	***MARICELA MONRAZ 11725 MENLO AVENUE HAWTHORNE CA 90250***	***RCRA NON GEN***

EPA Handler ID:	CAC003015893
Gen Status Universe:	No Report
Contact Name:	MARICELA MONRAZ
Contact Address:	11725 MENLO AVENUE , , HAWTHORNE , CA, 90250 ,
Contact Phone No and Ext:	323-984-5804
Contact Email:	VIANCATARANGO@ALLIANCE-ENVIRO.COM
Contact Country:	
County Name:	LOS ANGELES
EPA Region:	09
Land Type:	
Receive Date:	20190520
Location Latitude:	33.927602
Location Longitude:	-118.347224

Violation/Evaluation Summary

Note:	NO RECORDS: As of Apr 2024, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility:	No
Onsite Burner Exemption:	No
Furnace Exemption:	No
Underground Injection Activity:	No
Commercial TSD:	No
Used Oil Transporter:	No
Used Oil Transfer Facility:	No
Used Oil Processor:	No
Used Oil Refiner:	No
Used Oil Burner:	No
Used Oil Market Burner:	No
Used Oil Spec Marketer:	No

Hazardous Waste Handler Details

Sequence No:	1
Receive Date:	20190520
Handler Name:	MARICELA MONRAZ
Source Type:	Implementer
Federal Waste Generator Code:	N
Generator Code Description:	Not a Generator, Verified

Owner/Operator Details

Owner/Operator Ind:	Current Owner	***Street No:***	
Type:	Other	***Street 1:***	11725 MENLO AVENUE
Name:	MARICELA MONRAZ	***Street 2:***	
Date Became Current:		***City:***	HAWTHORNE
Date Ended Current:		***State:***	CA
Phone:	323-984-5804	***Country:***	
Source Type:	Implementer	***Zip Code:***	90250

Owner/Operator Ind:	Current Operator	***Street No:***	
Type:	Other	***Street 1:***	11725 MENLO AVENUE
Name:	MARICELA MONRAZ	***Street 2:***	
Date Became Current:		***City:***	HAWTHORNE
Date Ended Current:		***State:***	CA
Phone:	323-984-5804	***Country:***	
Source Type:	Implementer	***Zip Code:***	90250

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
14	*1 of1*	*SE*	*0.20 / 1,042.96*	*69.46 / -2*	***CALIBER COLLISION CENTERS - HAWTHORNE 11643 S PRAIRIE AVE HAWTHORNE CA 90250***	***CUPA LA COUNTY***

Facility ID:	FA0045668
CERS ID:	10138037

Active Facility Details

PE:	3001
PE:	1002

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
15	*1 of2*	*ESE*	*0.20 / 1,066.85*	*69.46 / -2*	***AAAAUTOEL ELECTRIC INC 11634 S PRARIE AVE HAWTHORNE CA 90250***	***RCRA SQG***

EPA Handler ID:	CAD983596008
Gen Status Universe:	Small Quantity Generator
Contact Name:	CHARLES ZARKAS

Contact Address: 11634 S PRARIE AVE , , HAWTHORNE , CA, 90250 , US
Contact Phone No and Ext: 213-675-8500
Contact Email:
Contact Country: US
County Name: LOS ANGELES
EPA Region: 09
Land Type:
Receive Date: 19910826
Location Latitude: 33.914493
Location Longitude: -118.343883

Violation/Evaluation Summary

Note: NO RECORDS: As of Apr 2024, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility: No
Onsite Burner Exemption: No
Furnace Exemption: No
Underground Injection Activity: No
Commercial TSD: No
Used Oil Transporter: No
Used Oil Transfer Facility: No
Used Oil Processor: No
Used Oil Refiner: No
Used Oil Burner: No
Used Oil Market Burner: No
Used Oil Spec Marketer: No

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 19910826
Handler Name: AAAAUTOEL ELECTRIC INC
Federal Waste Generator Code: 2
Generator Code Description: Small Quantity Generator
Source Type: Notification

Owner/Operator Details

Owner/Operator Ind: Current Owner
Type: Private
Name: CHARLES ZARKAS
Date Became Current:
Date Ended Current:
Phone: 415-555-1212
Source Type: Notification
Street No:
Street 1: NOT REQUIRED
Street 2:
City: NOT REQUIRED
State: ME
Country:
Zip Code: 99999

Owner/Operator Ind: Current Operator
Type: Private
Name: NOT REQUIRED
Date Became Current:
Date Ended Current:
Phone: 415-555-1212
Source Type: Notification
Street No:
Street 1: NOT REQUIRED
Street 2:
City: NOT REQUIRED
State: ME
Country:
Zip Code: 99999

15	2 of2	ESE	0.20 / 1,066.85	69.46 / -2	ANGEL'S BATTERIES 11624 S PRAIRIE AVE	CUPA LA COUNTY

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
					HAWTHORNE CA 90250	

Facility ID: FA0021232
CERS ID: 10263427

Inactive Facility Details

PE: 3001

PE: 1001

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
16	1 of1	NE	0.21 / 1,095.30	73.46 / 2	AT&T MOBILITY - PRAIRIE/105 FWY (USID12051) 11219 S PRAIRIE AVE INGLEWOOD CA 90304	CUPA LA COUNTY

Facility ID: FA0035837
CERS ID: 10198495

Inactive Facility Details

PE: 3000

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
17	1 of1	ENE	0.21 / 1,095.53	72.46 / 1	UNION OIL SERVICE STATION 404 11208 SOUTH PRAIRIE EL SEGUNDO HAWTHORNE CA 90250	HHSS

County: Los Angeles
Tank Details Microfiche: http://geotracker.waterboards.ca.gov/ustpdfs/pdf/000260e7.pdf

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Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
18	1 of1	E	0.21 / 1,114.44	71.46 / 0	NORTHROP CORP. PRAIRIE HAWTHORNE CA 90250	CLEANUP SITES

Global ID: SLT43122120
Site Fac Type (SRCH): CLEANUP PROGRAM SITE
Status (SRCH): OPEN - INACTIVE
Status (DL): Open - Inactive
Status Date (DL): 1/1/1965
Cleanup Status: OPEN - INACTIVE
Site Facility Name (SRCH): NORTHROP CORP.
Address (SRCH): PRAIRIE
City (SRCH): HAWTHORNE
Zip (SRCH): 90250
County (SRCH): LOS ANGELES
Street No (DL):
Street Name (DL): PRAIRIE
City (DL): HAWTHORNE
Zip (DL): 90250
County (DL): Los Angeles
State (DL): CA
Site Facility Name : NORTHROP CORP.
Address : PRAIRIE
City : HAWTHORNE
Zip : 90250
County : LOS ANGELES
Report Source: GeoTracker Search Results (SRCH); GeoTracker Sites Data Download (DL); GeoTracker Search Results Report

Site Facility Type: CLEANUP PROGRAM SITE
Case Type (DL): Cleanup Program Site
RWQCB Region (DL): LOS ANGELES RWQCB (REGION 4)
Census Tract (SRCH): 6037602003
Latitude (DL): 33.931285
Longitude (DL): -118.343006

GeoTracker Sites Data Download - Site Details

RB Case No: 0206
Local Case No:
Begin Date:
Lead Agency: LOS ANGELES RWQCB (REGION 4)
Local Agency:
CUF Case: NO
CalEnvScreen Score:
EPA Region: 9
Qty Rlsd Gallons:
Potential COC:
How Discovered:
Stop Method:
Stop Description:
Case Worker: DDD
Military DoD Site: No
Leak Reported Dt:
No Further Action Dt:
Potential Media of Concern:
How Discovered Description:
Calwater Watershed Name: Dominguez Channel (411.01)
DWR GW Subbasin Name: Coastal Plain Of Los Angeles - West Coast (4-011.03)
Disadvantaged Community:
Coordinate Source:
Discharge Cause:
Discharge Source:
Facility Project Sub Type:
Calenviroscreen 3 Score: 76-80%
Calenviroscreen 4 Score: 85-90%
File Location: DTSC
Site History:

GeoTracker Sites Data Download - Regulatory Contacts

Contact Type: Regional Board Caseworker - Primary Caseworker
Contact Name: DTSC
Organization Name: LOS ANGELES RWQCB (REGION 4)
Address: 1011 N. GRANDVIEW AVE.
City: LOS ANGELES
Email:
Phone No:

GeoTracker Search - Facilities (as of June 5, 2024)

Project Status:
Cuf Claim No:
CUF Priority Assign:
CUF Amount Paid:
Composting Method:
Facility Type:
WDR Place Type:
WDR File No:
WDR Order No:
File Location: DTSC
User Defined Beneficial Use:
Designated Beneficial Use: MUN, AGR, IND, PROC, 4 - Note: No MYN underlying ports of LA, LBeach - Note: No MYN underlying ports of LA, LBeach, or ElSug
Designated Beneficl Use Desc: Municipal and Domestic Supply, Agricultural Supply, Industrial Service Supply, Industrial Process Supply, 4 - Note: No MYN underlying ports of LA, LBeach - Note: No MYN underlying ports of LA, LBeach, or ElSug
Project Oversight Agencies:
Report Link: https://geotracker.waterboards.ca.gov/profile_report?global_id=SLT43122120
Cleanup Status Detail: OPEN - INACTIVE AS OF 1/1/1965
Potential COC: NONE SPECIFIED
Potential Media of Concern: NONE SPECIFIED
Groundwater Monitoring Freq:
DWR GW Sub Basin: Coastal Plain Of Los Angeles - West Coast (4-011.03)
CalWater Watershed Name: Dominguez Channel (411.01)

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Post Closure Site Management:
Future Land Use:
Cleanup Oversight Agencies: LOS ANGELES RWQCB (REGION 4) (LEAD) - CASE #: 0206
CASE MANAGER: DTSC
Cleanup History Link: https://geotracker.waterboards.ca.gov/profile_report_include?global_id=SLT43122120&tabname=regulatoryhistory
Site History:

No site history available

GeoTracker Search - Regulatory Activities (as of June 5, 2024)

Action Type: Agreements
Action: Cost Recovery Agreement / N. of Reimbursement
Action Date: 4/29/1996
Received Issue Date: 4/29/1996
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=SLT43122120&enforcement_id=6144613&temptable=ENFORCEMENT
Title Description Comments:

Oversight Cost Reimbursement Account Letter

GeoTracker Search - Documents (as of June 5, 2024)

Document Type: Site Documents ***Document Date:*** 4/29/1996
Type: COST RECOVERY AGREEMENT / N. OF REIMBURSEMENT ***Submitted:***
Submitted By: (REGULATOR)
Title: OVERSIGHT COST REIMBURSEMENT ACCOUNT LETTER
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=SLT43122120&enforcement_id=6144613

19	1 of1	ESE	0.22 / 1,144.36	69.46 / -2	FINANCE AUTO SALES INC 11604 S PRAIRIE AVE HAWTHORNE CA 90250	CUPA LA COUNTY

Facility ID: FA0030689
CERS ID: 10270237

Inactive Facility Details

PE: 3001

PE: 1002

20	1 of2	S	0.22 / 1,144.36	70.46 / -1	MRE HAWTHORNE, LLC 4132 W 118TH ST HAWTHORNE CA 90250	RCRA NON GEN

EPA Handler ID: CAC003228603
Gen Status Universe: No Report
Contact Name: MRE HAWTHORNE, LLC
Contact Address: 8117 W MANCHESTER AVE #218 , , PLAYA DEL REY , CA, 90293 ,
Contact Phone No and Ext: 310-722-0360
Contact Email: ARLENE@NAJERAINC.COM
Contact Country:
County Name: LOS ANGELES
EPA Region: 09
Land Type:
Receive Date: 20230419
Location Latitude:
Location Longitude:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Violation/Evaluation Summary

Note: NO RECORDS: As of Apr 2024, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility:	No
Onsite Burner Exemption:	No
Furnace Exemption:	No
Underground Injection Activity:	No
Commercial TSD:	No
Used Oil Transporter:	No
Used Oil Transfer Facility:	No
Used Oil Processor:	No
Used Oil Refiner:	No
Used Oil Burner:	No
Used Oil Market Burner:	No
Used Oil Spec Marketer:	No

Hazardous Waste Handler Details

Sequence No:	1
Receive Date:	20230419
Handler Name:	MRE HAWTHORNE, LLC
Source Type:	Implementer
Federal Waste Generator Code:	N
Generator Code Description:	Not a Generator, Verified

Owner/Operator Details

Owner/Operator Ind:	Current Owner	***Street No:***	
Type:	Other	***Street 1:***	8117 W MANCHESTER AVE #218
Name:	MRE HAWTHORNE, LLC	***Street 2:***	
Date Became Current:		***City:***	PLAYA DEL REY
Date Ended Current:		***State:***	CA
Phone:	310-722-0360	***Country:***	
Source Type:	Implementer	***Zip Code:***	90293
Owner/Operator Ind:	Current Operator	***Street No:***	
Type:	Other	***Street 1:***	8117 W MANCHESTER AVE #218
Name:	MRE HAWTHORNE, LLC	***Street 2:***	
Date Became Current:		***City:***	PLAYA DEL REY
Date Ended Current:		***State:***	CA
Phone:	310-722-0360	***Country:***	
Source Type:	Implementer	***Zip Code:***	90293

20	*2 of2*	*S*	*0.22 / 1,144.36*	*70.46 / -1*	***MRE HAWTHORNE, LLC 4132 W 118TH ST HAWTHORNE CA 90250***	***RCRA NON GEN***

EPA Handler ID:	CAC003249846
Gen Status Universe:	No Report
Contact Name:	MRE HAWTHORNE, LLC
Contact Address:	8117 W MANCHESTER AVE #218 , , PLAYA DEL REY , CA, 90293 ,
Contact Phone No and Ext:	310-722-0360
Contact Email:	ARLENE@NAJERAINC.COM
Contact Country:	
County Name:	LOS ANGELES
EPA Region:	09
Land Type:	

Receive Date: 20230901
Location Latitude:
Location Longitude:

Violation/Evaluation Summary

Note: NO RECORDS: As of Apr 2024, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility: No
Onsite Burner Exemption: No
Furnace Exemption: No
Underground Injection Activity: No
Commercial TSD: No
Used Oil Transporter: No
Used Oil Transfer Facility: No
Used Oil Processor: No
Used Oil Refiner: No
Used Oil Burner: No
Used Oil Market Burner: No
Used Oil Spec Marketer: No

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 20230901
Handler Name: MRE HAWTHORNE, LLC
Source Type: Implementer
Federal Waste Generator Code: N
Generator Code Description: Not a Generator, Verified

Owner/Operator Details

Owner/Operator Ind: Current Owner
Type: Other
Name: MRE HAWTHORNE, LLC
Date Became Current:
Date Ended Current:
Phone: 310-722-0360
Source Type: Implementer
Street No:
Street 1: 8117 W MANCHESTER AVE #218
Street 2:
City: PLAYA DEL REY
State: CA
Country:
Zip Code: 90293

Owner/Operator Ind: Current Operator
Type: Other
Name: MRE HAWTHORNE, LLC
Date Became Current:
Date Ended Current:
Phone: 310-722-0360
Source Type: Implementer
Street No:
Street 1: 8117 W MANCHESTER AVE #218
Street 2:
City: PLAYA DEL REY
State: CA
Country:
Zip Code: 90293

21	1 of1	SE	0.22 / 1,174.48	68.46 / -3	BIG RING MACHINE CO 11651 PRAIRIE AVE HAWTHORNE CA 90250	CUPA LA COUNTY

Facility ID: FA0021180
CERS ID: 0

Inactive Facility Details

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
PE:		1001				
22	1 of1	ENE	0.23 / 1,194.30	72.46 / 1	FERNANDO RIOS 3930 W 113TH ST. UNIT# 3 INGLEWOOD CA 90303	RCRA NON GEN

EPA Handler ID: CAC003272772
Gen Status Universe: No Report
Contact Name: FERNANDO RIOS
Contact Address: 3930 W 113TH ST. UNIT# 3 , , INGLEWOOD , CA, 90303 ,
Contact Phone No and Ext: 310-530-0606
Contact Email: FRIOS@PUREPM.COM
Contact Country:
County Name: LOS ANGELES
EPA Region: 09
Land Type:
Receive Date: 20240209
Location Latitude:
Location Longitude:

Violation/Evaluation Summary

Note: NO RECORDS: As of Apr 2024, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility: No
Onsite Burner Exemption: No
Furnace Exemption: No
Underground Injection Activity: No
Commercial TSD: No
Used Oil Transporter: No
Used Oil Transfer Facility: No
Used Oil Processor: No
Used Oil Refiner: No
Used Oil Burner: No
Used Oil Market Burner: No
Used Oil Spec Marketer: No

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 20240209
Handler Name: FERNANDO RIOS
Source Type: Implementer
Federal Waste Generator Code: N
Generator Code Description: Not a Generator, Verified

Owner/Operator Details

Owner/Operator Ind: Current Owner
Type: Other
Name: FERNANDO RIOS
Date Became Current:
Date Ended Current:
Phone: 310-590-0606
Source Type: Implementer

Street No:
Street 1: 3930 W 113TH ST. UNIT# 3
Street 2:
City: INGLEWOOD
State: CA
Country:
Zip Code: 90303

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Owner/Operator Ind:	Current Operator	**Street No:**	
Type:	Other	**Street 1:**	3930 W 113TH ST. UNIT# 3
Name:	FERNANDO RIOS	**Street 2:**	
Date Became Current:		**City:**	INGLEWOOD
Date Ended Current:		**State:**	CA
Phone:	310-530-0606	**Country:**	
Source Type:	Implementer	**Zip Code:**	90303

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23 | **1 of1** | **ESE** | **0.23 / 1,217.94** | **68.51 / -3** | **A A A AUTO ELECTRIC INC**
11634 S PRAIRIE ST
HAWTHORNE CA 90250 | **CUPA**
LA COUNTY

Facility ID: FA0021182
CERS ID: 0

Inactive Facility Details

PE: 1001

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24 | **1 of1** | **NE** | **0.23 / 1,224.06** | **73.46 / 2** | **11163 S PRAIRIE AVE**
INGLEWOOD CA 90303 | **HMS LA**

Site No: 004253
Area: 2E

Detail Info

Permit No:
File No: I04406
File Name: WEST COAST SPORT CTR (DEST)
Status: File Opened, no permit exists
Permit Type:
Permit Status:
Permit Category:

---

25 | **1 of4** | **SE** | **0.25 / 1,299.06** | **68.46 / -3** | **FINANCE AUTO SALES**
MECHANIC SERVICE
11706 S PRAIRIE AVE
HAWTHORNE CA 90250 | **CUPA**
LA COUNTY

Facility ID: FA0046113
CERS ID: 10490800

Active Facility Details

PE: 1002

PE: 3001

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25 | **2 of4** | **SE** | **0.25 / 1,299.06** | **68.46 / -3** | **PREMIER AUTO TRANSMISSION**
11706 S PRAIRIE AVE B
HAWTHORNE CA 90250 | **CUPA**
LA COUNTY

Facility ID: FA0021243
CERS ID: 0

Inactive Facility Details

PE: 1001

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
PE:		3001				
25	3 of4	SE	0.25 / 1,299.06	68.46 / -3	AARON BRAKE SHOP 11706 S PRAIRIE AVE D HAWTHORNE CA 90250	CUPA LA COUNTY

Facility ID: FA0021209
CERS ID: 0

Inactive Facility Details

PE: 1000

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
25	4 of4	SE	0.25 / 1,299.06	68.46 / -3	MASTER AUTO REPAIR 11706 S PRAIRIE AVE A HAWTHORNE CA 90250	CUPA LA COUNTY

Facility ID: FA0021234
CERS ID: 0

Inactive Facility Details

PE: 1000

PE: 3001

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
26	1 of1	W	0.25 / 1,304.33	72.46 / 1	Hampton Inn Los Angeles Int'l Airport Hawthorne - Tesla Destination 11430 Acacia Ave Hawthorne CA 90250	ALT FUELS

ID: 113002
Fuel Type Code: ELEC: Electric
Station Phone: 310-973-3332 877-798-3752
Expected Date:
BD Blends:
NG PSI:
Federal Agency ID:
Open Date: 2017-11-30
Hydrogen is Retail:
Federal Agency:
Facility Type: HOTEL
Dt Last Confirmed: 2022-10-06
Updated at: 2023-01-18 15:15:20 UTC
Access Code: public
Access Detail Code:
Groups with Access Code: Public
Groups with Access Code Fr: Public
Fed Agency Name:
Hydrogen Status Link:
E85 Other Ethanol Blends:
NPS Unit Name:
Cards Accepted:
CNG Statn Sells Renewable Na:
LNG Statn Sells Renewable Na:
Maximum Vehicle Class:
RD Blended With Biodiesel:
RD Blends:
RD Blends French:
RD Maximum Biodiesel Level:
Status: Open: The station is open.
Owner Type Desc: Privately owned
E85 Blender Pump Desc:

CNG Dispenser No:
CNG Site Renew Src:
CNG Tot Compr Cap:
CNG Storage Cap:
CNG Fill Type Code:
CNG PSI:
CNG Vehicle Class:
LNG Site Renew Src:
LNG Vehicle Class:
LPG Nozzle Types:
Hydrogen Pressures:
Hydrogen Standards:
Latitude: 33.930692
Longitude: -118.350711

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

NG Fill Type Desc:
NG Vehicle Class Desc:
Geocode Status Desc: Address level accuracy.
Group with Access Desc: Publicly available to all customers.
LPG Primary Desc:
Intersection Directions:
Access Days Time:
Restricted Access:
Ev Workplace Charging: false
Funding Sources:

27	1 of2	N	0.27 / 1,427.95	73.46 / 2	**PCSD 111TH & FREEMAN SCHOOL SITE** **11044 AND 11111 SOUTH FREEMAN AVENUE** **LENNOX CA 90304**	SCH

Estor/EPA ID: 60000628
Nat Priority List: NO
Census Tract: 6037601700
Permit Renewl Lead:
Project Manager:
Site Code: 304563
Cleanup Status: NO FURTHER ACTION AS OF 8/8/2007
Cleanup Oversight Agencies: DTSC - SITE CLEANUP PROGRAM - LEAD AGENCY
Assembly District: 61
Senate District: 35
School District:
Office: SOUTHERN CALIFORNIA SCHOOLS & BROWNFIELDS OUTREACH
Public Participatn Spclst:
Special Program:
Funding: SCHOOL DISTRICT
Site Type: SCHOOL
APN: 4035-010-024, 4035-025-015, 4035010024, 4035025015
Past Use that Caused Contam: RESIDENTIAL AREA
Potential Media Affected: SOIL
Potential Contamin of Concern:

Acres: 1.26 ACRES
Supervisor: SHAHIR HADDAD
County: LOS ANGELES
Latitude: 33.9347
Longitude: -118.3476

LEAD

SITE HISTORY:

Site is comprised of two parcels of land 125 feet apart. One property is currently vacant land and has been used for overflow parking for a neighboring church. The second property has been used for a church since 1950. A permit for demolition at the 1st property indicates that a structure was formerly onsite. Based on historical site usage, LBP is a COC.

Status: NO FURTHER ACTION
Program Type: SCHOOL EVALUATION
CalEnviroScreen Score: 90-95%
Summary Link: https://www.envirostor.dtsc.ca.gov/public/profile_report?global_id=60000628

Completed Activities

Title: Phase 1 Environmental Site Assessment PCSD 111th & Freeman School Site (Environmental Audit, Inc. 5/21/2007)
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60000628&doc_id=6015555
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Phase 1
Date Completed: 6/13/2007
Comments: DTSC req'd an addendum for LBP and OCPs

Title: Phase I Add for LBP and OCPs

Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60000628&doc_id=6015807
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Phase 1 Addendum
Date Completed: 7/16/2007
Comments: Addendum approved

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27 | ***2 of2*** | ***N*** | ***0.27 / 1,427.95*** | ***73.46 / 2*** | ***PCSD 111TH & FREEMAN SCHOOL SITE 11044 AND 11111 SOUTH FREEMAN AVENUE LENNOX CA 90304*** | ***ENVIROSTOR***

Estor/EPA ID: 60000628
Site Code: 304563
Nat Priority List: NO
APN: 4035-010-024, 4035-025-015, 4035010024, 4035025015
Census Tract: 6037601700
Site Type: SCHOOL
Address Description: 11044 AND 11111 SOUTH FREEMAN AVENUE
Office: SOUTHERN CALIFORNIA SCHOOLS & BROWNFIELDS OUTREACH
Special Program:
Funding: SCHOOL DISTRICT
Assembly District: 61
Senate District: 35
Permit Renewal Lead:
Public Partici Spclst:
Project Manager:
County: LOS ANGELES
Latitude: 33.9347
Longitude: -118.3476
Acres: 1.26 ACRES
Supervisor: SHAHIR HADDAD
Cleanup Status: NO FURTHER ACTION AS OF 8/8/2007
Cleanup Oversight Agencies: DTSC - SITE CLEANUP PROGRAM - LEAD AGENCY
School District:
Past Use that Caused Contam: RESIDENTIAL AREA
Potential Media Affected: SOIL
Potential Contamin of Concern:

LEAD

Site History:

Site is comprised of two parcels of land 125 feet apart. One property is currently vacant land and has been used for overflow parking for a neighboring church. The second property has been used for a church since 1950. A permit for demolition at the 1st property indicates that a structure was formerly onsite. Based on historical site usage, LBP is a COC.

Status: NO FURTHER ACTION
Program Type: SCHOOL EVALUATION
CalEnviroScreen Score: 90-95%
Summary Link: https://www.envirostor.dtsc.ca.gov/public/profile_report?global_id=60000628

Completed Activities

Title: Phase I Add for LBP and OCPs
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60000628&doc_id=6015807
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Phase 1 Addendum
Date Completed: 7/16/2007
Comments: Addendum approved

Title: Phase 1 Environmental Site Assessment PCSD 111th & Freeman School Site (Environmental Audit, Inc. 5/21/2007)
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60000628&doc_id=6015555
Area Name:
Area Link:
Sub Area:
Sub Area Link:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Document Type: Phase 1
Date Completed: 6/13/2007
Comments: DTSC req'd an addendum for LBP and OCPs

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
28	1 of1	WNW	0.28 / 1,474.77	71.46 / 0	HAWTHORNE STATION 11230 SOUTH ARCACIA INGLEWOOD CA 90304	RCRA TSD

EPA Handler ID: CAC003012965
Gen Status Universe: No Report
Contact Name: TERRY WILLIAMS
Contact Address: 5900 A KATELLA AVE , , CYPRESS , CA, 90630 ,
Contact Phone No and Ext: 714-220-4832
Contact Email: JENNIFER.ROMERO@MEUS.MEA.COM
Contact Country:
Land Type:
County Name: LOS ANGELES
EPA Region: 09
Receive Date: 20190501
Location Latitude: 33.932073
Location Longitude: -118.351449

Violation/Evaluation Summary

Note: NO RECORDS: As of Apr 2024, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility: No
Onsite Burner Exemption: No
Smelting, Melting and Refining: No
Underground Injection Control: No
Commercial TSD: No
Used Oil Transporter: No
Used Oil Transfer Facility: No
Used Oil Processor: No
Used Oil Refiner: No
Used Oil Burner: No
Used Oil Market Burner: No
Used Oil Spec Marketer: No

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 20190501
Handler Name: HAWTHORNE STATION
Federal Waste Generator Code: N
Generator Code Description: Not a Generator, Verified
Source Type: Implementer
TSD Activity: Y

Owner/Operator Details

Owner/Operator Ind: Current Owner
Type: Other
Name: LAMTA UNIFIED SCHOOL DISTRICT
Date Became Current:
Date Ended Current:
Phone: 714-220-4831
Street No:
Street 1: 1 GATEWAY PLAZA
Street 2:
City: LOS ANGELES
State: CA
Country:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Source Type:	Implementer	**Zip Code:**	90012
Owner/Operator Ind:	Current Operator	**Street No:**	
Type:	Other	**Street 1:**	5900 A KATELLA AVE
Name:	TERRY WILLIAMS	**Street 2:**	
Date Became Current:		**City:**	CYPRESS
Date Ended Current:		**State:**	CA
Phone:	714-220-4832	**Country:**	
Source Type:	Implementer	**Zip Code:**	90630

29	1 of1	NNW	0.28 / 1,485.70	73.46 / 2	**GREEN DOT PUBLIC SCHOOLS** **11044 S. FREEMAN AVE** **INGLEWOOD CA 90304**	RCRA TSD

EPA Handler ID:	CAC003014763
Gen Status Universe:	No Report
Contact Name:	RICHARD WILLIAMS
Contact Address:	11044 S. FREEMAN AVE , , INGLEWOOD , CA, 90304 ,
Contact Phone No and Ext:	213-248-6989
Contact Email:	RICHARD.WILLIAMS@GREENDOT.ORG
Contact Country:	
Land Type:	
County Name:	LOS ANGELES
EPA Region:	09
Receive Date:	20190513
Location Latitude:	33.934716
Location Longitude:	-118.348254

Violation/Evaluation Summary

Note:	NO RECORDS: As of Apr 2024, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility:	No
Onsite Burner Exemption:	No
Smelting, Melting and Refining:	No
Underground Injection Control:	No
Commercial TSD:	No
Used Oil Transporter:	No
Used Oil Transfer Facility:	No
Used Oil Processor:	No
Used Oil Refiner:	No
Used Oil Burner:	No
Used Oil Market Burner:	No
Used Oil Spec Marketer:	No

Hazardous Waste Handler Details

Sequence No:	1
Receive Date:	20190513
Handler Name:	GREEN DOT PUBLIC SCHOOLS
Federal Waste Generator Code:	N
Generator Code Description:	Not a Generator, Verified
Source Type:	Implementer
TSD Activity:	Y

Owner/Operator Details

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Owner/Operator Ind:	Current Owner	**Street No:**	
Type:	Other	**Street 1:**	11044 S. FREEMAN AVE
Name:	RICHARD WILLIAMS	**Street 2:**	
Date Became Current:		**City:**	INGLEWOOD
Date Ended Current:		**State:**	CA
Phone:	213-248-6989	**Country:**	
Source Type:	Implementer	**Zip Code:**	90304

Owner/Operator Ind:	Current Operator	**Street No:**	
Type:	Other	**Street 1:**	11044 S. FREEMAN AVE
Name:	RICHARD WILLIAMS	**Street 2:**	
Date Became Current:		**City:**	INGLEWOOD
Date Ended Current:		**State:**	CA
Phone:	213-248-6989	**Country:**	
Source Type:	Implementer	**Zip Code:**	90304

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30 | **1 of1** | **W** | **0.29 / 1,526.87** | **72.46 / 1** | **ARCO #0087**
11402 HAWTHORNE BLVD
HAWTHORNE CA 90250 | **LUST**

Global ID:	T0603703896	**Case Type (DL):**	LUST Cleanup Site
Site Facility Type:	LUST CLEANUP SITE	**Oil Field (SRCH):**	
Site Fac Type (SRCH):	LUST CLEANUP SITE	**Oil Field Oper (SRCH):**	
Status:		**Census Tract (SRCH):**	6037602104
Status (SRCH):	COMPLETED - CASE CLOSED	**Latitude (DL):**	33.9306889921439
Status (DL):	Completed - Case Closed	**Longitude (DL):**	-118.352214289549
Status Date (DL):	1/14/2015	**RWQCB Region (DL):**	LOS ANGELES RWQCB (REGION 4)
Cleanup Status:	COMPLETED - CASE CLOSED		

Site Facility Name (SRCH):	ARCO #0087
Address (SRCH):	11402 HAWTHORNE BLVD
City (SRCH):	HAWTHORNE
Zip (SRCH):	90250
County (SRCH):	LOS ANGELES
Street No (DL):	11402
Street Name (DL):	HAWTHORNE BLVD
City (DL):	HAWTHORNE
Zip (DL):	90250
County (DL):	Los Angeles
State (DL):	CA
Business Name (DL):	ARCO #0087
Site Facility Name:	ARCO #0087
Address :	11402 HAWTHORNE BLVD
City :	HAWTHORNE
Zip :	90250
County :	LOS ANGELES
Report Source:	GeoTracker Search Results (SRCH);GeoTracker Sites Data Download (DL);GeoTracker Search Results Report

GeoTracker Sites Data Download - Site Details

CUF Case:	NO
Lead Agency:	LOS ANGELES RWQCB (REGION 4)
Case Worker:	AT
Local Agency:	LOS ANGELES COUNTY
RB Case No:	I-12039
Local Case No:	
File Location:	Regional Board
Potential COC:	Gasoline
Potential Media of Concern:	Aquifer used for drinking water supply
Begin Date:	1/20/1988
How Discovered:	Tank Tightness Test
How Discovered Description:	
Stop Method:	
Stop Description:	
Calwater Watershed Name:	Dominguez Channel (411.01)
DWR GW Subbasin Name:	Coastal Plain Of Los Angeles - West Coast (4-011.03)
Disadvantaged Community:	Severely Disadvantaged Community
CalEnvScreen Score:	

Coordinate Source:	Google Map Move
Discharge Cause:	
Discharge Source:	
EPA Region:	9
Leak Reported Dt:	1988-03-02 00:00:00
Military DoD Site:	No
No Further Action Dt:	2015-01-14 00:00:00
Qty Rlsd Gallons:	
Facility Project Sub Type:	
Calenviroscreen 3 Score:	91-95%
Calenviroscreen 4 Score:	90-95%
Site History:	

GeoTracker Sites Data Download - Regulatory Contacts

Contact Type:	Regional Board Caseworker - Primary Caseworker
Contact Name:	ARMAN TOUMARI
Organization Name:	LOS ANGELES RWQCB (REGION 4)
Address:	320 WEST 4TH STREET, SUITE 200
City:	LOS ANGELES
Email:	atoumari@waterboards.ca.gov
Phone No:	2135766708

Contact Type:	Local Agency Caseworker
Contact Name:	JOHN AWUJO
Organization Name:	LOS ANGELES COUNTY
Address:	900 S FREMONT AVE
City:	ALHAMBRA
Email:	jawujo@dpw.lacounty.gov
Phone No:	6264583507

GeoTracker Sites Data Download - Status History

Status:	Completed - Case Closed
Status Date:	1/14/2015

Status:	Open - Eligible for Closure
Status Date:	6/27/2013

Status:	Open - Remediation
Status Date:	1/19/2006

Status:	Open - Remediation
Status Date:	6/21/2005

Status:	Open - Remediation
Status Date:	8/23/2004

Status:	Open - Remediation
Status Date:	3/24/2004

Status:	Open - Remediation
Status Date:	7/11/2003

Status:	Open - Remediation
Status Date:	4/23/1993

Status:	Open - Site Assessment
Status Date:	3/2/1988

Status:	Open - Case Begin Date
Status Date:	1/20/1988

GeoTracker Search - Regulatory Profile (as of June 5, 2024)

Site Facility Name:	ARCO #0087
Site Facility Type:	LUST CLEANUP SITE
Cleanup Status:	COMPLETED - CASE CLOSED
Address:	11402 HAWTHORNE BLVD
City:	HAWTHORNE
Zip:	90250
County:	LOS ANGELES
Report Link:	https://geotracker.waterboards.ca.gov/profile_report?global_id=T0603703896
Cleanup Status Detail:	COMPLETED - CASE CLOSED AS OF 1/14/2015
Project Status:	
Cleanup History Link:	https://geotracker.waterboards.ca.gov/profile_report_include?global_id=T0603703896&tabname=regulatoryhistory
Potential COC:	GASOLINE
Potential Media of Concern:	AQUIFER USED FOR DRINKING WATER SUPPLY
File Location:	REGIONAL BOARD
User Defined Beneficial Use:	
Designated Beneficial Use:	MUN, AGR, IND, PROC, 4 - Note: No MYN underlying ports of LA, LBeach - Note: No MYN underlying ports of LA, LBeach, or ElSug
DWR GW Sub Basin:	Coastal Plain Of Los Angeles - West Coast (4-011.03)
Calwater Watershed Name:	Dominguez Channel (411.01)
Post Closure Site Management:	
Future Land Use:	
Cleanup Oversight Agencies:	LOS ANGELES RWQCB (REGION 4) (LEAD) - CASE #: I-12039 CASE MANAGER: ARMAN TOUMARI LOS ANGELES COUNTY CASE MANAGER: JOHN AWUJO
CUF Claim No:	CP0024
CUF Priority Assig:	
CUF Amount Paid:	$2,299,161
WDR Place Type:	
WDR File No:	
WDR Order No:	
Project Oversight Agencies:	
Facility Type:	
Composting Method:	
Grndwtr Monitoring Frequency:	# OF WELLS MONITORED - SEMI-ANNUALLY : 14
Designated Beneficial Use Desc:	Municipal and Domestic Supply, Agricultural Supply, Industrial Service Supply, Industrial Process Supply, 4 - Note: No MYN underlying ports of LA, LBeach - Note: No MYN underlying ports of LA, LBeach, or ElSug
Site History:	

No site history available

GeoTracker Search - Cleanup Status History (as of June 5, 2024)

Status:	Completed - Case Closed
Date :	1/14/2015
Status:	Open - Eligible for Closure
Date :	6/27/2013
Status:	Open - Remediation
Date :	1/19/2006
Status:	Open - Remediation
Date :	6/21/2005
Status:	Open - Remediation
Date :	8/23/2004
Status:	Open - Remediation
Date :	3/24/2004
Status:	Open - Remediation
Date :	7/11/2003
Status:	Open - Remediation
Date :	4/23/1993

Status: Open - Site Assessment
Date : 3/2/1988

Status: Open - Case Begin Date
Date : 1/20/1988

GeoTracker Search - Cleanup Action Report (as of June 5, 2024)

Action Type: SOIL VAPOR EXTRACTION (SVE)
Begin Date: 3/1/1998
End Date: 11/19/2005
Phase: Soil
Contaminant Mass Removed: 6,687 Pounds
Description:

Action Type: EXCAVATION
Begin Date: 7/1/1990
End Date: 7/31/1990
Phase: Soil
Contaminant Mass Removed: 180 Tons
Description:

GeoTracker Search - Regulatory Activities (as of June 5, 2024)

Action Type: Other Regulatory Actions
Action: Closure/No Further Action Letter
Action Date: 1/14/2015
Received Issue Date: 1/14/2015
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0603703896&enforcement_id=6233302&temptable=ENFORCEMENT
Title Description Comments:

Closure

Action Type: Response Requested - Reports
Action: Well Destruction Report
Action Date: 12/22/2014
Received Issue Date: 12/22/2014
Doc Link:
Title Description Comments:

Action Type: Notices
Action: Notification - Preclosure
Action Date: 4/15/2014
Received Issue Date: 4/15/2014
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0603703896&enforcement_id=6200200&temptable=ENFORCEMENT
Title Description Comments:

Pre-Closure Letter

Action Type: Response Requested - Reports
Action: Monitoring Report - Quarterly
Action Date: 1/15/2014
Received Issue Date: 1/13/2014
Doc Link:
Title Description Comments:

4th Qtr 2013 GWM Report

Action Type: Response Requested - Other
Action: Request for Closure - Regulator Responded
Action Date: 10/25/2013
Received Issue Date: 10/25/2013

Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0603703896&doc_id=5791475
Title Description Comments:

- Preclosure was issued on 4/15/14.

Action Type: Response Requested - Reports
Action: Monitoring Report - Quarterly
Action Date: 10/15/2013
Received Issue Date: 10/15/2013
Doc Link:
Title Description Comments:

3rd Qtr 2013 GWM Report

Action Type: Response Requested - Reports
Action: Monitoring Report - Quarterly
Action Date: 7/15/2013
Received Issue Date: 7/12/2013
Doc Link:
Title Description Comments:

Action Type: Response Requested - Reports
Action: Monitoring Report - Quarterly
Action Date: 4/15/2013
Received Issue Date: 4/15/2013
Doc Link:
Title Description Comments:

Action Type: Response Requested - Reports
Action: Monitoring Report - Quarterly
Action Date: 1/15/2013
Received Issue Date: 1/15/2013
Doc Link:
Title Description Comments:

Action Type: Response Requested - Reports
Action: Monitoring Report - Quarterly
Action Date: 10/15/2012
Received Issue Date: 10/9/2012
Doc Link:
Title Description Comments:

Action Type: Response Requested - Reports
Action: Monitoring Report - Quarterly
Action Date: 7/15/2012
Received Issue Date: 7/15/2012
Doc Link:
Title Description Comments:

2nd Q 2012 Groundwater Monitoring Report

Action Type: Response Requested - Workplans
Action: Well Destruction Workplan - Regulator Responded
Action Date: 4/15/2012
Received Issue Date: 6/6/2013
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0603703896&doc_id=5731061
Title Description Comments:

- The wells are needed to justify low-risk closure.

Action Type: Response Requested - Reports
Action: Monitoring Report - Quarterly

Action Date: 4/15/2012
Received Issue Date: 4/13/2012
Doc Link:
Title Description Comments:

1st Q 2012 Groundwater Monitoring Report

Action Type: Other Regulatory Actions
Action: Staff Letter
Action Date: 1/31/2012
Received Issue Date: 1/31/2012
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0603703896&enforcement_id=6112315&temptable=ENFORCEMENT
Title Description Comments:

Workplan Denial

Action Type: Response Requested - Reports
Action: Monitoring Report - Semi-Annually
Action Date: 1/15/2012
Received Issue Date: 1/17/2012
Doc Link:
Title Description Comments:

Action Type: Response Requested - Workplans
Action: Soil and Water Investigation Workplan
Action Date: 10/15/2011
Received Issue Date: 11/10/2011
Doc Link:
Title Description Comments:

Action Type: Response Requested - Reports
Action: Monitoring Report - Semi-Annually
Action Date: 7/15/2011
Received Issue Date: 7/21/2011
Doc Link:
Title Description Comments:

Action Type: Response Requested - Reports
Action: Monitoring Report - Semi-Annually
Action Date: 1/15/2011
Received Issue Date: 1/19/2011
Doc Link:
Title Description Comments:

Action Type: Response Requested - Reports
Action: Monitoring Report - Semi-Annually
Action Date: 7/15/2010
Received Issue Date: 8/2/2010
Doc Link:
Title Description Comments:

Action Type: Response Requested - Reports
Action: Monitoring Report - Semi-Annually
Action Date: 1/15/2010
Received Issue Date: 1/20/2010
Doc Link:
Title Description Comments:

Action Type: Response Requested - Reports
Action: Monitoring Report - Semi-Annually
Action Date: 7/15/2009

Received Issue Date: 7/20/2009
Doc Link:
Title Description Comments:

Action Type: Other Regulatory Actions
Action: Staff Letter
Action Date: 6/15/2009
Received Issue Date: 6/15/2009
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0603703896&enforcement_id=6023458&temptable=ENFORCEMENT
Title Description Comments:

Action Type: Response Requested - Reports
Action: Monitoring Report - Quarterly
Action Date: 4/15/2009
Received Issue Date: 5/14/2009
Doc Link:
Title Description Comments:

Action Type: Response Requested - Reports
Action: Monitoring Report - Quarterly
Action Date: 1/15/2009
Received Issue Date: 1/26/2009
Doc Link:
Title Description Comments:

Action Type: Response Requested - Reports
Action: Monitoring Report - Quarterly
Action Date: 10/15/2008
Received Issue Date: 10/29/2008
Doc Link:
Title Description Comments:

Action Type: Response Requested - Reports
Action: Monitoring Report - Quarterly
Action Date: 7/15/2008
Received Issue Date: 10/28/2008
Doc Link:
Title Description Comments:

Action Type: Response Requested - Reports
Action: Monitoring Report - Quarterly
Action Date: 4/15/2008
Received Issue Date: 4/18/2008
Doc Link:
Title Description Comments:

Monitoring Report - Quarterly

Action Type: Response Requested - Reports
Action: Monitoring Report - Quarterly
Action Date: 1/15/2008
Received Issue Date: 1/16/2008
Doc Link:
Title Description Comments:

Monitoring Report - Quarterly

Action Type: Response Requested - Reports
Action: Monitoring Report - Quarterly
Action Date: 10/15/2007
Received Issue Date: 10/16/2007

Doc Link:
Title Description Comments:

Monitoring Report - Quarterly

Action Type: Response Requested - Reports
Action: Monitoring Report - Quarterly
Action Date: 7/15/2007
Received Issue Date: 7/27/2007
Doc Link:
Title Description Comments:

Monitoring Report - Quarterly

Action Type: Response Requested - Reports
Action: Monitoring Report - Quarterly
Action Date: 4/15/2007
Received Issue Date: 4/18/2007
Doc Link:
Title Description Comments:

Monitoring Report - Quarterly

Action Type: Response Requested - Reports
Action: Monitoring Report - Quarterly
Action Date: 1/15/2007
Received Issue Date: 3/1/2007
Doc Link:
Title Description Comments:

Monitoring Report - Quarterly

Action Type: Response Requested - Reports
Action: Monitoring Report - Quarterly
Action Date: 10/15/2006
Received Issue Date: 10/25/2006
Doc Link:
Title Description Comments:

Monitoring Report - Quarterly

Action Type: Response Requested - Reports
Action: Monitoring Report - Quarterly
Action Date: 7/15/2006
Received Issue Date: 7/31/2006
Doc Link:
Title Description Comments:

Monitoring Report - Quarterly

Action Type: Response Requested - Reports
Action: Well Installation Report
Action Date: 1/15/2006
Received Issue Date: 4/27/2006
Doc Link:
Title Description Comments:

Well Installation Report

Action Type: Response Requested - Reports
Action: Remedial Progress Report
Action Date: 1/15/2006
Received Issue Date: 1/19/2006

Doc Link:
Title Description Comments:

Remedial Progress Report

Action Type: Response Requested - Reports
Action: Monitoring Report - Quarterly
Action Date: 1/15/2006
Received Issue Date: 1/19/2006
Doc Link:
Title Description Comments:

Monitoring Report - Quarterly

Action Type: Other Regulatory Actions
Action: Staff Letter
Action Date: 10/17/2005
Received Issue Date: 10/17/2005
Doc Link:
Title Description Comments:

Action Type: Response Requested - Reports
Action: Monitoring Report - Quarterly
Action Date: 10/15/2005
Received Issue Date: 10/20/2005
Doc Link:
Title Description Comments:

Monitoring Report - Quarterly

Action Type: Response Requested - Reports
Action: Monitoring Report - Quarterly
Action Date: 7/15/2005
Received Issue Date: 7/18/2005
Doc Link:
Title Description Comments:

Monitoring Report - Quarterly

Action Type: Response Requested - Reports
Action: Monitoring Report - Quarterly
Action Date: 4/15/2005
Received Issue Date: 4/27/2005
Doc Link:
Title Description Comments:

Monitoring Report - Quarterly

Action Type: Response Requested - Workplans
Action: CAP/RAP - Final Remediation / Design Plan
Action Date: *1/15/2005
Received Issue Date: 6/21/2005
Doc Link:
Title Description Comments:

CAP/RAP - Final Remediation / Design Plan

Action Type: Response Requested - Reports
Action: Monitoring Report - Quarterly
Action Date: 1/15/2005
Received Issue Date: 1/26/2005
Doc Link:
Title Description Comments:

Monitoring Report - Quarterly

Action Type: Response Requested - Reports
Action: Soil and Water Investigation Report
Action Date: 10/15/2004
Received Issue Date: 2/22/2005
Doc Link:
Title Description Comments:

Soil and Water Investigation Report

Action Type: Response Requested - Reports
Action: Monitoring Report - Quarterly
Action Date: 10/15/2004
Received Issue Date: 10/22/2004
Doc Link:
Title Description Comments:

Monitoring Report - Quarterly

Action Type: Other Regulatory Actions
Action: Staff Letter
Action Date: 8/23/2004
Received Issue Date: 8/23/2004
Doc Link:
Title Description Comments:

Action Type: Response Requested - Reports
Action: Monitoring Report - Quarterly
Action Date: 7/15/2004
Received Issue Date: 7/28/2004
Doc Link:
Title Description Comments:

Monitoring Report - Quarterly

Action Type: Response Requested - Reports
Action: Monitoring Report - Quarterly
Action Date: 4/15/2004
Received Issue Date: 4/14/2004
Doc Link:
Title Description Comments:

Monitoring Report - Quarterly

Action Type: Response Requested - Workplans
Action: Corrective Action Plan / Remedial Action Plan
Action Date: 3/24/2004
Received Issue Date: 3/24/2004
Doc Link:
Title Description Comments:

Corrective Action Plan / Remedial Action Plan

Action Type: Response Requested - Reports
Action: Monitoring Report - Quarterly
Action Date: 1/15/2004
Received Issue Date: 1/20/2004
Doc Link:
Title Description Comments:

Monitoring Report - Quarterly

Action Type: Response Requested - Reports
Action: Well Installation Report
Action Date: 10/15/2003
Received Issue Date: 11/18/2003
Doc Link:
Title Description Comments:

Well Installation Report

Action Type: Response Requested - Reports
Action: Monitoring Report - Quarterly
Action Date: 10/15/2003
Received Issue Date: 10/14/2003
Doc Link:
Title Description Comments:

Monitoring Report - Quarterly

Action Type: Response Requested - Reports
Action: Monitoring Report - Quarterly
Action Date: 7/15/2003
Received Issue Date: 7/25/2003
Doc Link:
Title Description Comments:

Monitoring Report - Quarterly

Action Type: Response Requested - Reports
Action: Remedial Progress Report
Action Date: 7/15/2003
Received Issue Date: 7/11/2003
Doc Link:
Title Description Comments:

Remedial Progress Report

Action Type: Other Regulatory Actions
Action: Staff Letter
Action Date: 5/13/2003
Received Issue Date: 5/13/2003
Doc Link:
Title Description Comments:

Action Type: Response Requested - Reports
Action: Monitoring Report - Quarterly
Action Date: 4/15/2003
Received Issue Date: 4/25/2003
Doc Link:
Title Description Comments:

Monitoring Report - Quarterly - QMR 1/03

Action Type: Response Requested - Reports
Action: Monitoring Report - Quarterly
Action Date: 1/15/2003
Received Issue Date: 1/17/2003
Doc Link:
Title Description Comments:

Monitoring Report - Quarterly - QMR 4/02

Action Type: Response Requested - Reports

Action: Monitoring Report - Quarterly
Action Date: 10/15/2002
Received Issue Date: 10/24/2002
Doc Link:
Title Description Comments:

Monitoring Report - Quarterly - QMR 3/02

Action Type: Response Requested - Other
Action: Other Report / Document
Action Date: 7/31/2002
Received Issue Date: 7/9/2002
Doc Link:
Title Description Comments:

Other Type of Submission by RP - EDF

Action Type: Response Requested - Reports
Action: Interim Remedial Action Report
Action Date: 7/15/2002
Received Issue Date: 12/31/2002
Doc Link:
Title Description Comments:

Interim Remedial Action Report

Action Type: Response Requested - Reports
Action: Monitoring Report - Quarterly
Action Date: 7/15/2002
Received Issue Date: 7/22/2002
Doc Link:
Title Description Comments:

Monitoring Report - Quarterly - QMR 2/02

Action Type: Other Regulatory Actions
Action: Staff Letter
Action Date: 6/20/2002
Received Issue Date: 6/20/2002
Doc Link:
Title Description Comments:

Action Type: Response Requested - Other
Action: Other Report / Document
Action Date: 6/4/2002
Received Issue Date: 6/4/2002
Doc Link:
Title Description Comments:

Technical Report - COMMENT FROM TITHOLDER DUE

Action Type: Other Regulatory Actions
Action: Staff Letter
Action Date: 5/14/2002
Received Issue Date: 5/14/2002
Doc Link:
Title Description Comments:

Action Type: Response Requested - Workplans
Action: Interim Remedial Action Plan
Action Date: 4/15/2002
Received Issue Date: 4/12/2002
Doc Link:

Title Description Comments:

Interim Remedial Action Plan

Action Type: Response Requested - Reports
Action: Soil and Water Investigation Report
Action Date: 4/15/2002
Received Issue Date: 4/12/2002
Doc Link:
Title Description Comments:

Soil and Water Investigation Report - SAP REPORT

Action Type: Cleanup Action
Action: Soil Vapor Extraction (SVE)
Action Date: 3/1/1998
Received Issue Date:
Doc Link:
Title Description Comments:

Action Type: Cleanup Action
Action: Excavation
Action Date: 7/1/1990
Received Issue Date:
Doc Link:
Title Description Comments:

Action Type: Leak Action
Action: Leak Reported
Action Date: 3/2/1988
Received Issue Date:
Doc Link:
Title Description Comments:

Action Type: Leak Action
Action: Leak Discovery
Action Date: 1/20/1988
Received Issue Date:
Doc Link:
Title Description Comments:

GeoTracker Search - Site Maps (as of June 5, 2024)

Submitted: 4/16/2014*
Submitted By: ARCADIS (AUTH_RP)
Title: GEO_MAP
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_map/8252082169/T0603703896.PDF

Submitted: 6/17/2011*
Submitted By: ARCADIS (AUTH_RP)
Title: AU-1 (AU-1)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/6929066479/T0603703896.PDF

Submitted: 6/17/2011*
Submitted By: ARCADIS (AUTH_RP)
Title: AU-2 (AU-2)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/7450779736/T0603703896.PDF

Submitted: 6/17/2011*
Submitted By: ARCADIS (AUTH_RP)
Title: AU-3 (AU-3)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/8638015031/T0603703896.PDF

Submitted: 6/17/2011*
Submitted By: ARCADIS (AUTH_RP)
Title: IP-10 (IP-10)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/8647248268/T0603703896.PDF

Submitted: 6/17/2011*
Submitted By: ARCADIS (AUTH_RP)
Title: IP-11 (IP-11)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/1883860290/T0603703896.PDF

Submitted: 6/17/2011*
Submitted By: ARCADIS (AUTH_RP)
Title: AU-5 (AU-5)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/5083912670/T0603703896.PDF

Submitted: 6/17/2011*
Submitted By: ARCADIS (AUTH_RP)
Title: IP-6 (IP-6)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/1702448546/T0603703896.PDF

Submitted: 6/17/2011*
Submitted By: ARCADIS (AUTH_RP)
Title: EB-1 (EB-1)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/7336786925/T0603703896.PDF

Submitted: 6/17/2011*
Submitted By: ARCADIS (AUTH_RP)
Title: IP-14 (IP-14)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/7508924126/T0603703896.PDF

Submitted: 6/17/2011*
Submitted By: ARCADIS (AUTH_RP)
Title: SW-1 (SW-1)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/4515149712/T0603703896.PDF

Submitted: 6/17/2011*
Submitted By: ARCADIS (AUTH_RP)
Title: IP-5 (IP-5)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/1472074151/T0603703896.PDF

Submitted: 6/17/2011*
Submitted By: ARCADIS (AUTH_RP)
Title: IP-8 (IP-8)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/4504075407/T0603703896.PDF

Submitted: 6/17/2011*
Submitted By: ARCADIS (AUTH_RP)
Title: AU-4 (AU-4)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/3466578185/T0603703896.PDF

Submitted: 6/17/2011*
Submitted By: ARCADIS (AUTH_RP)
Title: IP-13 (IP-13)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/7566190361/T0603703896.PDF

Submitted: 6/17/2011*
Submitted By: ARCADIS (AUTH_RP)
Title: IP-12 (IP-12)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/9929421961/T0603703896.PDF

Submitted: 6/17/2011*
Submitted By: ARCADIS (AUTH_RP)
Title: IP-9 (IP-9)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/3322034478/T0603703896.PDF

Submitted: 6/17/2011*
Submitted By: ARCADIS (AUTH_RP)
Title: SW-2 (SW-2)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/7850739479/T0603703896.PDF

Submitted: 6/17/2011*
Submitted By: ARCADIS (AUTH_RP)
Title: EW-1 (EW-1)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/9118882536/T0603703896.PDF

Submitted: 6/17/2011*
Submitted By: ARCADIS (AUTH_RP)
Title: IP-7 (IP-7)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/7498835265/T0603703896.PDF

GeoTracker Search - Documents (as of June 5, 2024)

Document Type: Site Documents ***Document Date:*** 1/14/2015
Type: CLOSURE/NO FURTHER ACTION LETTER ***Submitted:***
Submitted By: ERRICK LLAMAS (REGULATOR)
Title: CLOSURE
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0603703896&enforcement_id=6233302

Document Type: Site Documents ***Document Date:*** 12/22/2014
Type: REQUEST FOR CLOSURE ***Submitted:***
Submitted By: ARCADIS (AUTH_RP)
Title: WELL DESTRUCTION REPORT
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/4982094943/T0603703896.PDF

Document Type: Site Documents ***Document Date:*** 4/15/2014
Type: NOTIFICATION - PRECLOSURE ***Submitted:***
Submitted By: ARMAN TOUMARI (REGULATOR)
Title: PRE-CLOSURE LETTER
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0603703896&enforcement_id=6200200

Document Type: Monitoring Reports ***Document Date:*** 4/15/2014*
Type: MONITORING REPORT - QUARTERLY ***Submitted:***
Submitted By: ARCADIS (AUTH_RP)
Title: CA 00087_20140415_ARCADIS_GMR_20134Q1
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/8456087231/T0603703896.PDF

Document Type: Monitoring Reports ***Document Date:*** 1/15/2014*
Type: MONITORING REPORT - QUARTERLY ***Submitted:***
Submitted By: ARCADIS (AUTH_RP)
Title: CA 00087_20140113_ARCADIS_GMR_2013Q4
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/8335166275/T0603703896.PDF

Document Type: Site Documents ***Document Date:*** 10/25/2013
Type: REQUEST FOR CLOSURE ***Submitted:***
Submitted By: ARCADIS (AUTH_RP)
Title: CLOSURE LETTER
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/7912011325/T0603703896.PDF

Document Type: Site Documents ***Document Date:*** 10/25/2013
Type: REQUEST FOR CLOSURE ***Submitted:***
Submitted By: ARMAN TOUMARI (REGULATOR)
Title: REQUEST FOR CLOSURE - REGULATOR RESPONSE
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0603703896&document_id=5791475

Document Type: Monitoring Reports ***Document Date:*** 10/15/2013*
Type: MONITORING REPORT - QUARTERLY ***Submitted:***
Submitted By: ARCADIS (AUTH_RP)
Title: 3Q 2013 GWMR
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/1497196257/T0603703896.PDF

Document Type: Monitoring Reports ***Document Date:*** 7/12/2013*
Type: MONITORING REPORT - QUARTERLY ***Submitted:***
Submitted By: ARCADIS (AUTH_RP)
Title: CA 00087_20130712_ARCADIS_GMR_2013Q2
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/1044129848/T0603703896.PDF

Document Type: Site Documents ***Document Date:*** 6/6/2013

Type: WELL DESTRUCTION WORKPLAN ***Submitted:***
Submitted By: ARCADIS (AUTH_RP)
Title: CA_00087_060613_BP_WELL AB. WP
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/7161197721/T0603703896.PDF

Document Type: Monitoring Reports ***Document Date:*** 4/15/2013*
Type: MONITORING REPORT - QUARTERLY ***Submitted:***
Submitted By: ARCADIS (AUTH_RP)
Title: CA 00087_20130415_ARCADIS_GMR_2013Q1
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/4221338927/T0603703896.PDF

Document Type: Site Documents ***Document Date:*** 4/11/2013*
Type: CORRESPONDENCE ***Submitted:***
Submitted By: ARCADIS (AUTH_RP)
Title: 87 NOTIFICATION LETTER_041013
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/2936414361/T0603703896.PDF

Document Type: Monitoring Reports ***Document Date:*** 1/15/2013*
Type: MONITORING REPORT - QUARTERLY ***Submitted:***
Submitted By: ARCADIS (AUTH_RP)
Title: CA 00087_20130115_ARCADIS_GMR_2012Q4
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/8649570524/T0603703896.PDF

Document Type: Monitoring Reports ***Document Date:*** 10/15/2012*
Type: MONITORING REPORT - QUARTERLY ***Submitted:***
Submitted By: ARCADIS (AUTH_RP)
Title: CA_00087_101512_BP_QMR
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/1304977357/T0603703896.PDF

Document Type: Monitoring Reports ***Document Date:*** 7/15/2012*
Type: MONITORING REPORT - QUARTERLY ***Submitted:***
Submitted By: ARCADIS (AUTH_RP)
Title: CA 00087_20120715_ARCADIS_GMR_2012Q2
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/7371428728/T0603703896.PDF

Document Type: Monitoring Reports ***Document Date:*** 4/15/2012*
Type: MONITORING REPORT - QUARTERLY ***Submitted:***
Submitted By: ARCADIS (AUTH_RP)
Title: CA 00087_20120415_ARCADIS_GMR_2012Q1
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/6631925463/T0603703896.PDF

Document Type: Site Documents ***Document Date:*** 1/31/2012
Type: STAFF LETTER ***Submitted:***
Submitted By: ARMAN TOUMARI (REGULATOR)
Title: WORKPLAN DENIAL
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0603703896&enforcement_id=6112315

Document Type: Monitoring Reports ***Document Date:*** 1/15/2012
Type: MONITORING REPORT - SEMI-ANNUALLY ***Submitted:***
Submitted By: ARCADIS (AUTH_RP)
Title: CA 00087_20120115_ARCADIS_GMR_2011H2
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/4119038403/T0603703896.PDF

Document Type: Site Documents ***Document Date:*** 11/8/2011*
Type: SITE INVESTIGATION WORKPLAN ***Submitted:***
Submitted By: ARCADIS (AUTH_RP)
Title: CA 0087 WORK PLAN FOR LASER INDUCED FLORESCENCE INVESTIGATION
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/1026578545/T0603703896.PDF

Document Type: Monitoring Reports ***Document Date:*** 7/15/2011*
Type: MONITORING REPORT - SEMI-ANNUALLY ***Submitted:***
Submitted By: ARCADIS (AUTH_RP)
Title: CA 00087_20110715_ARCADIS_GMR_1H11
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/6145878612/T0603703896.PDF

Document Type: Monitoring Reports ***Document Date:*** 1/15/2011*
Type: MONITORING REPORT - SEMI-ANNUALLY ***Submitted:***
Submitted By: ARCADIS (AUTH_RP)
Title: CA 00087_20110115_ARCADIS_SA_GMR

Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/5285706520/T0603703896.PDF

Document Type: Monitoring Reports **Document Date:** 7/29/2010*
Type: MONITORING REPORT - SEMI-ANNUALLY **Submitted:**
Submitted By: ARCADIS (AUTH_RP)
Title: CA-0087 - Q2 2010 SEMI-ANNUAL REPORT
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/4846594572/T0603703896.PDF

Document Type: Site Documents **Document Date:** 7/14/2010*
Type: CORRESPONDENCE **Submitted:**
Submitted By: ARCADIS (AUTH_RP)
Title: Q2 2010 SEMI-ANNUAL REPORT EXTENSION REQUEST
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/9260285377/T0603703896.PDF

Document Type: Monitoring Reports **Document Date:** 7/15/2009*
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Submitted By: STANTEC-BP (CONTRACTOR)
Title: GROUNDWATER MONITORING REPORT, 2009-Q2 (2 OF 2)
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/8122834563/T0603703896.PDF

Document Type: Monitoring Reports **Document Date:** 7/15/2009*
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Submitted By: STANTEC-BP (CONTRACTOR)
Title: GROUNDWATER MONITORING REPORT, 2009-Q2 (1 OF 2)
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/6371797859/T0603703896.PDF

Document Type: Site Documents **Document Date:** 7/2/2009*
Type: OTHER REPORT / DOCUMENT **Submitted:**
Submitted By: STANTEC-BP (CONTRACTOR)
Title: ARCO 87 PREAPPROVAL 2009
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/6844870328/T0603703896.PDF

Document Type: Site Documents **Document Date:** 6/15/2009
Type: STAFF LETTER **Submitted:**
Submitted By: (REGULATOR)
Title: STAFF LETTER
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0603703896&enforcement_id=6023458

Document Type: Monitoring Reports **Document Date:** 5/13/2009*
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Submitted By: STANTEC-BP (CONTRACTOR)
Title: GROUNDWATER MONITORING REPORT, 2009-Q1 (1 OF 2)
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/2965836048/T0603703896.PDF

Document Type: Monitoring Reports **Document Date:** 5/13/2009*
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Submitted By: STANTEC-BP (CONTRACTOR)
Title: GROUNDWATER MONITORING REPORT, 2009-Q1 (2 OF 2)
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/5244762599/T0603703896.PDF

Document Type: Monitoring Reports **Document Date:** 1/27/2009
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Submitted By: DENNIS ENGLAND (CONTRACTOR)
Title: FOURTH QUARTER 2008 GROUND WATER MONITORING REPORT
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/3585976719/T0603703896.PDF

Document Type: Monitoring Reports **Document Date:** 11/10/2008
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Submitted By: DENNIS ENGLAND (CONTRACTOR)
Title: SECOND QUARTER 2007 GROUND WATER MONITORING AND REMEDIATION REPORT PART 2
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/5790246129/T0603703896.PDF

Document Type: Monitoring Reports **Document Date:** 11/10/2008
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Submitted By: DENNIS ENGLAND (CONTRACTOR)
Title: SECOND QUARTER 2007 GROUND WATER MONITORING AND REMEDIATION REPORT PART 1
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/2133605062/T0603703896.PDF

Document Type: Monitoring Reports **Document Date:** 10/31/2008

Type: MONITORING REPORT - QUARTERLY ***Submitted:***
Submitted By: DENNIS ENGLAND (CONTRACTOR)
Title: THIRD QUARTER 2008 GROUND WATER MONITORING REPORT
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/3007018148/T0603703896.PDF

Document Type: Monitoring Reports ***Document Date:*** 10/30/2008
Type: MONITORING REPORT - QUARTERLY ***Submitted:***
Submitted By: DENNIS ENGLAND (CONTRACTOR)
Title: SECOND QUARTER 2008 GROUND WATER MONITORING AND REMEDIATION REPORT
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/7155884265/T0603703896.PDF

Document Type: Monitoring Reports ***Document Date:*** 4/15/2008
Type: MONITORING REPORT - QUARTERLY ***Submitted:***
Submitted By: DENNIS ENGLAND (CONTRACTOR)
Title: FIRST QUARTER 2008 GROUND WATER MONITORING AND REMEDIATION REPORT
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/7879333972/T0603703896.PDF

Document Type: Monitoring Reports ***Document Date:*** 2/6/2008*
Type: MONITORING REPORT - ANNUALLY ***Submitted:***
Submitted By: DENNIS ENGLAND (CONTRACTOR)
Title: 2007 ANNUAL REMEDIATION REPORT
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/2672576725/T0603703896.PDF

Document Type: Monitoring Reports ***Document Date:*** 1/15/2008*
Type: MONITORING REPORT - QUARTERLY ***Submitted:***
Submitted By: DENNIS ENGLAND (CONTRACTOR)
Title: FOURTH QUARTER 2007 GROUND WATER MONITORING AND REMEDIATION REPORT
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/5685177028/T0603703896.PDF

Document Type: Monitoring Reports ***Document Date:*** 10/18/2007
Type: MONITORING REPORT - QUARTERLY ***Submitted:***
Submitted By: DENNIS ENGLAND (CONTRACTOR)
Title: THIRD QUARTER 2007 GROUND WATER MONITORING AND REMEDIATION REPORT
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/5379750132/T0603703896.PDF

Document Type: Monitoring Reports ***Document Date:*** 4/16/2007
Type: MONITORING REPORT - QUARTERLY ***Submitted:***
Submitted By: DENNIS ENGLAND (CONTRACTOR)
Title: FIRST QUARTER 2007 GROUND WATER MONITORING AND REMEDIATION REPORT
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/8054509043/T0603703896.PDF

Document Type: Monitoring Reports ***Document Date:*** 3/1/2007
Type: MONITORING REPORT - QUARTERLY ***Submitted:***
Submitted By: DENNIS ENGLAND (CONTRACTOR)
Title: FOURTH QUARTER 2006 GROUND WATER MONITORING REPORT
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/7299255847/T0603703896.PDF

Document Type: Monitoring Reports ***Document Date:*** 1/24/2007
Type: MONITORING REPORT - QUARTERLY ***Submitted:***
Submitted By: DENNIS ENGLAND (CONTRACTOR)
Title: THIRD QUARTER 2006 GROUND WATER MONITORING REPORT
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/7784945428/T0603703896.PDF

Document Type: Monitoring Reports ***Document Date:*** 11/1/2006
Type: MONITORING REPORT - QUARTERLY ***Submitted:***
Submitted By: DENNIS ENGLAND (CONTRACTOR)
Title: THIRD QUARTER 2006 GROUND WATER MONITORING REPORT
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/6640980601/T0603703896.PDF

Document Type: Monitoring Reports ***Document Date:*** 7/28/2006
Type: MONITORING REPORT - QUARTERLY ***Submitted:***
Submitted By: DENNIS ENGLAND (CONTRACTOR)
Title: SECOND QUARTER 2006 GROUND WATER MONITORING REPORT
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/8536863565/T0603703896.PDF

Document Type: Monitoring Reports ***Document Date:*** 5/15/2006
Type: MONITORING REPORT - QUARTERLY ***Submitted:***
Submitted By: DENNIS ENGLAND (CONTRACTOR)
Title: FIRST QUARTER 2006 GROUND WATER MONITORING REPORT

Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/9200299918/T0603703896.PDF

Document Type: Site Documents **Document Date:** 4/27/2006
Type: REPORTS - INVESTIGATION RPT. **Submitted:**
Submitted By: DENNIS ENGLAND (CONTRACTOR)
Title: ADVANCED OXIDATION INJECTION WELL INSTALLATION REPORT (PART 1 OF 2)
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/8044224381/T0603703896.PDF

Document Type: Site Documents **Document Date:** 4/27/2006
Type: WORKPLANS - INVESTIGATION WP **Submitted:**
Submitted By: DENNIS ENGLAND (CONTRACTOR)
Title: ADVANCED OXIDATION INJECTION WELL INSTALLATION REPORT (PART 2 OF 2)
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/5665036857/T0603703896.PDF

Document Type: Site Documents **Document Date:** 2/15/2006
Type: WORKPLANS - OTHER WP **Submitted:**
Submitted By: DENNIS ENGLAND (CONTRACTOR)
Title: WORK PLAN FOR WELL ABANDONMENT
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/8185104191/T0603703896.PDF

Document Type: Monitoring Reports **Document Date:** 1/31/2006
Type: MONITORING REPORT - ANNUALLY **Submitted:**
Submitted By: DENNIS ENGLAND (CONTRACTOR)
Title: GENERAL WASTE DISCHARGE REPORT FOR 2005
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/2259371697/T0603703896.PDF

Document Type: Monitoring Reports **Document Date:** 1/16/2006
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Submitted By: FABIO M. MINERVINI (CONTRACTOR)
Title: FOURTH QUARTER 2005 GROUND WATER MONITORING REPORT
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/4193359196/T0603703896.PDF

Document Type: Site Documents **Document Date:** 1/16/2006
Type: REPORTS - OTHER **Submitted:**
Submitted By: FABIO M. MINERVINI (CONTRACTOR)
Title: NOTIFICATION OF NON-INJECTION - FOURTH QUARTER 2005
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/4364118278/T0603703896.PDF

GeoTracker Search - Related Cases (as of June 5, 2024)

Identifier: CP0024
Project Name: UNOCAL #5865
Status: COMPLETED - CASE CLOSED
Address: 4410 IMPERIAL HWY W
City: HAWTHORNE
Association: Comingled Plume
Description: SCUFIIS Comingled Plume
Project Link: https://geotracker.waterboards.ca.gov/profile_report?global_id=T0603703509

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
31	1 of1	N	0.32 / 1,675.13	75.46 / 4	RAMONA LIZARRAGA 11025 S OSAGE AVE INGLEWOOD CA 90304	RCRA TSD

EPA Handler ID: CAC003017061
Gen Status Universe: No Report
Contact Name: RAMONA LIZARRAGA
Contact Address: 11025 S OSAGE AVE , , INGLEWOOD , CA, 90304 ,
Contact Phone No and Ext: 562-618-8828
Contact Email: CSHIM@HJCONST.COM
Contact Country:
Land Type:
County Name: LOS ANGELES
EPA Region: 09
Receive Date: 20190529
Location Latitude: 33.935353
Location Longitude: -118.346149

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Violation/Evaluation Summary

Note:	NO RECORDS: As of Apr 2024, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility:	No
Onsite Burner Exemption:	No
Smelting, Melting and Refining:	No
Underground Injection Control:	No
Commercial TSD:	No
Used Oil Transporter:	No
Used Oil Transfer Facility:	No
Used Oil Processor:	No
Used Oil Refiner:	No
Used Oil Burner:	No
Used Oil Market Burner:	No
Used Oil Spec Marketer:	No

Hazardous Waste Handler Details

Sequence No:	1
Receive Date:	20190529
Handler Name:	RAMONA LIZARRAGA
Federal Waste Generator Code:	N
Generator Code Description:	Not a Generator, Verified
Source Type:	Implementer
TSD Activity:	Y

Owner/Operator Details

Owner/Operator Ind:	Current Owner	***Street No:***	
Type:	Other	***Street 1:***	11025 S OSAGE AVE
Name:	RAMONA LIZARRAGA	***Street 2:***	
Date Became Current:		***City:***	INGLEWOOD
Date Ended Current:		***State:***	CA
Phone:	562-618-8828	***Country:***	
Source Type:	Implementer	***Zip Code:***	90304

Owner/Operator Ind:	Current Operator	***Street No:***	
Type:	Other	***Street 1:***	11025 S OSAGE AVE
Name:	RAMONA LIZARRAGA	***Street 2:***	
Date Became Current:		***City:***	INGLEWOOD
Date Ended Current:		***State:***	CA
Phone:	562-618-8828	***Country:***	
Source Type:	Implementer	***Zip Code:***	90304

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
32	1 of29	W	0.32 / 1,714.05	72.46 / 1	Cockatoo Middle School Site-Cockatoo-Apn 4047-002-016 HAWTHORNE BLVD & IMPERIAL HIGHWAY HAWTHORNE CA 90250	FED BROWNFIELDS

Property ID:	11293	***County:***	LOS ANGELES
Lat Measure:	33.9308859	***Latitude (Map):***	33.9308859
Long Measure:	-118.3524835	***Longitude (Map):***	-118.3524835
Property Name:	Cockatoo Middle School Site-Cockatoo-Apn 4047-002-016		
Address:	HAWTHORNE BLVD & IMPERIAL HIGHWAY		
City:	HAWTHORNE		

State Code:	CA
Zip Code:	90250
Primary Name (Map):	COCKATOO MIDDLE SCHOOL SITE-COCKATOO-APN 4047-001-020
Location Address (Map):	HAWTHORNE BLVD & IMPERIAL HIGHWAY
City Name (Map):	HAWTHORNE
County Name (Map):	LOS ANGELES
State Code (Map):	CA
Postal Code (Map):	90250
Data Source:	Cleanups in My Community (CIMC) Cleanups and Grants Listing Export - Brownfield Properties; Cleanups in My Community (CIMC) Web Application - Brownfield Properties (Map)

Property Details (Cleanups in My Community)

ID No:		***Size Acres:***	8.
NFA Letter Date:		***Parcel No:***	
Media Affected:		***Property Enrolled:***	
Media Cleaned Up:		***Radius:***	.5
Contaminants REC:		***Census Tract:***	06037602103
Contams Actionable:		***2010 # Below Poverty:***	4110.
Contams < Actionble:		***2010 Below Poverty:***	27.52
Contamnts Cleanup:		***2010 Median Income:***	14658.
Tanks Removal:		***2010 No Low Income:***	8022.
Cleanup Needed:	U	***2010 Low Income:***	53.72
Cleanup Treatment:		***2010 No Vacant Hous:***	248.
Excavation Disposl:		***2010 Vacant Housing:***	5.62
Contams Extractn:		***2010 # Unemployed:***	564.
Reduc Contams:		***2010 Unemployed:***	3.78
Additional Clnup:		***Tech Capping:***	
Institutional Cleanup:	U	***Secur Guard Fence:***	
Institutional Cleanup:		***Immobilization:***	
Engineering Needed:		***Eng Barriers:***	
Eng Control:		***Proprietary Cntrl:***	
Additnl Inst Control:		***Info Device:***	
Additnl Eng Control:		***Govt Cntrl:***	
Inst Control Date:		***Enf Permit Tool:***	
Eng Control Date:		***Clnup Struct Remov:***	
Property Alias:			
Property Owner:			
Address Source URL:			
Address Source URL:			
Address Source URL:			
Other:			

Activity Details(Cleanups in My Community)

Coop Agmt No:	n/a	***Redev Actvy Funded:***	
Program Name:		***Redev Start Dt:***	
Activity Funded:		***Redev Compl date:***	
Type CA Fund:	Hazardous	***Redev Fund Entity:***	
Funding Entity:	EPA	***Redev Residential:***	
Assessmnt Start Dt:	09/12/2001	***Redev Greenspace:***	
Assessmnt Compl Dt:	09/12/2001	***Redev Industrial:***	
Clnup Actvy Start Dt:		***Redev Commercial:***	
Clnup Actvy Comp Dt:		***# of Redev Jobs:***	
Acres Cleaned Up:		***RLF Signed Dt:***	
Clnup Funding Src:		***RLF Intest Rate:***	
Clnup Entity Provid:		***RLF EPA Fund:***	
Signed Rpt Dt:		***RLF Cost Share:***	
Direct Clnup Tot Fnd:		***RLF Prog Income:***	
Direct Clnup Fnd Src:		***RLF Lvg Fund Src:***	
Fund Amt Expnded:		***RLF Lvg Fund Entity:***	
Source of Funding:		***RLF Lvg Fund Amt:***	
Past Use Resiential:		***RLF Subgrant Signed:***	
Past Use Greenspace:		***Subgrant EPA Fund:***	
Past Use Industrial:		***Subgrant Cost Shr:***	
Past Use Commercial:			
Coop Agmt Recipnt:	R9 TBA - California (Pre-law Superfund TBA)		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Clnup Compet Doc2:
Climate Adapt Mitg1:
Climate Adapt Mitg2:

Brownfields Details

Registry I:	110015335234	**SF El He C:**	
EPA ID:		**SF IC Ind:**	
EPA Region:	09	**SF NPL Cod:**	
Cat No:	18070106	**SF NPL C 1:**	
RCRA Handl:		**FF SF Ind:**	
RCRA Curre:		**Map Symbol:**	B
RCRA Remed:		**Data Refre:**	04-Feb-2024
RCRA Const:		**New Site:**	
RCRA El He:		**BF RLF Gra:**	
RCRA El Gm:		**BF RLF Pil:**	
RCRA Rem 1:		**BF Assess :**	
RCRA Ec Gw:		**BF Cleanup:**	
RCRA Ec Ng:		**BF Tba Ind:**	Y
RCRA IC Ep:		**BF 128a In:**	
RCRA IC Gc:		**BF IC Code:**	U
RCRA IC ID:		**BF IC Gc I:**	U
RCRA IC Pr:		**BF IC Ep I:**	U
FF RCRA In:		**BF IC ID I:**	U
RCRA Ec Co:		**BF IC Pr I:**	U
RCRA IC Co:		**BF Assess1:**	
RCRA Gpra :		**BF Multipu:**	
RCRA Rem 2:		**BF Awp Ind:**	
RCRA Dru 1:		**BF Showcas:**	
SF Site ID:		**BF 128a P :**	
SF Ec Ind:		**Congressio:**	CA-43
SF El Gm C:		**Stimulus B:**	

Ind Name:
Cat Name: San Gabriel
Sub Name: San Gabriel
Primary Name: COCKATOO MIDDLE SCHOOL SITE-COCKATOO-APN 4047-001-020
RCRA Drupa:
Repow Ref : https://cimc.epa.gov/ords/cimc/f?p=CIMC:REPOWER:::::P33_REF:18078
Url: https://obipublic11.epa.gov/analytics/saw.dll?PortalPages&Action=Navigate&col1=ACRES_GRANT_EXPORT.PROPERTY_ID&val1=%2211293.0%22&PortalPath=/shared/CIMC/_portal/CIMC&Page=Profile+Page
Census Url: https://ejscreen.epa.gov/mapper/demogreportpdf.aspx?report=census2010sf1&coords=-118.3524835%2C33.9308859&feattype=point&radius=1.0
ACS Url: https://ejscreen.epa.gov/mapper/demogreportpdf.aspx?report=acs2017&coords=-118.3524835%2C33.9308859&feattype=point&radius=1.0

SAA Site:
Sf Brac Ty:
Sf Archive:
Sf Ffdocke:
Sf Npl C 3:
Sf Npl C 2:
Sf Npl C 1:
SF Site Na:
SF Non N 1:
SF Non N 2:
SF Non N 3:
SF Non Npl:
BF Prope 1: Cockatoo Middle School Site-Cockatoo-Apn 4047-002-016
RCRA Han 1:
RCRA Rau I:
REPOW BF: SGB
REPOW Re 1: RE-Powering Site Profile
REPOW Ref1: 18078

32	2 of29	W	0.32 / 1,714.05	72.46 / 1	Cockatoo Middle School Site-Cockatoo-Apn 4047-001-014	FED BROWNFIELDS

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
					HAWTHORNE BLVD & IMPERIAL HIGHWAY HAWTHORNE CA 90250	

Property ID:	11298	**County:**	LOS ANGELES
Lat Measure:	33.9308859	**Latitude (Map):**	33.9308859
Long Measure:	-118.3524835	**Longitude (Map):**	-118.3524835

Property Name: Cockatoo Middle School Site-Cockatoo-Apn 4047-001-014
Address: HAWTHORNE BLVD & IMPERIAL HIGHWAY
City: HAWTHORNE
State Code: CA
Zip Code: 90250
Primary Name (Map): COCKATOO MIDDLE SCHOOL SITE-COCKATOO-APN 4047-001-020
Location Address (Map): HAWTHORNE BLVD & IMPERIAL HIGHWAY
City Name (Map): HAWTHORNE
County Name (Map): LOS ANGELES
State Code (Map): CA
Postal Code (Map): 90250
Data Source: Cleanups in My Community (CIMC) Cleanups and Grants Listing Export - Brownfield Properties; Cleanups in My Community (CIMC) Web Application - Brownfield Properties (Map)

Property Details (Cleanups in My Community)

ID No:		**Size Acres:**	8.
NFA Letter Date:		**Parcel No:**	
Media Affected:		**Property Enrolled:**	
Media Cleaned Up:		**Radius:**	.5
Contaminants REC:		**Census Tract:**	06037602103
Contams Actionable:		**2010 # Below Poverty:**	4110.
Contams < Actionble:		**2010 Below Poverty:**	27.52
Contamnts Cleanup:		**2010 Median Income:**	14658.
Tanks Removal:		**2010 No Low Income:**	8022.
Cleanup Needed:	U	**2010 Low Income:**	53.72
Cleanup Treatment:		**2010 No Vacant Hous:**	248.
Excavation Disposl:		**2010 Vacant Housing:**	5.62
Contams Extractn:		**2010 # Unemployed:**	564.
Reduc Contams:		**2010 Unemployed:**	3.78
Additional Clnup:		**Tech Capping:**	
Institutional Cleanup:	U	**Secur Guard Fence:**	
Institutional Cleanup:		**Immobilization:**	
Engineering Needed:		**Eng Barriers:**	
Eng Control:		**Proprietary Cntrl:**	
Additnl Inst Control:		**Info Device:**	
Additnl Eng Control:		**Govt Cntrl:**	
Inst Control Date:		**Enf Permit Tool:**	
Eng Control Date:		**Clnup Struct Remov:**	
Property Alias:			
Property Owner:			
Address Source URL:			
Address Source URL:			
Address Source URL:			
Other:			

Activity Details(Cleanups in My Community)

Coop Agmt No:	n/a	**Redev Actvy Funded:**	
Program Name:		**Redev Start Dt:**	
Activity Funded:		**Redev Compl date:**	
Type CA Fund:	Hazardous	**Redev Fund Entity:**	
Funding Entity:	EPA	**Redev Residential:**	
Assessmnt Start Dt:	09/12/2001	**Redev Greenspace:**	
Assessmnt Compl Dt:	09/12/2001	**Redev Industrial:**	
Clnup Actvy Start Dt:		**Redev Commercial:**	
Clnup Actvy Comp Dt:		**# of Redev Jobs:**	
Acres Cleaned Up:		**RLF Signed Dt:**	
Clnup Funding Src:		**RLF Intest Rate:**	
Clnup Entity Provid:		**RLF EPA Fund:**	

Signed Rpt Dt:		**RLF Cost Share:**	
Direct Clnup Tot Fnd:		**RLF Prog Income:**	
Direct Clnup Fnd Src:		**RLF Lvg Fund Src:**	
Fund Amt Expnded:		**RLF Lvg Fund Entity:**	
Source of Funding:		**RLF Lvg Fund Amt:**	
Past Use Resiential:		**RLF Subgrant Signed:**	
Past Use Greenspace:		**Subgrant EPA Fund:**	
Past Use Industrial:		**Subgrant Cost Shr:**	
Past Use Commercial:			
Coop Agmt Recipnt:	R9 TBA - California (Pre-law Superfund TBA)		
Clnup Compet Doc2:			
Climate Adapt Mitg1:			
Climate Adapt Mitg2:			

Brownfields Details

Registry I:	110015335234	**SF El He C:**	
EPA ID:		**SF IC Ind:**	
EPA Region:	09	**SF NPL Cod:**	
Cat No:	18070106	**SF NPL C 1:**	
RCRA Handl:		**FF SF Ind:**	
RCRA Curre:		**Map Symbol:**	B
RCRA Remed:		**Data Refre:**	04-Feb-2024
RCRA Const:		**New Site:**	
RCRA El He:		**BF RLF Gra:**	
RCRA El Gm:		**BF RLF Pil:**	
RCRA Rem 1:		**BF Assess :**	
RCRA Ec Gw:		**BF Cleanup:**	
RCRA Ec Ng:		**BF Tba Ind:**	Y
RCRA IC Ep:		**BF 128a In:**	
RCRA IC Gc:		**BF IC Code:**	U
RCRA IC ID:		**BF IC Gc I:**	U
RCRA IC Pr:		**BF IC Ep I:**	U
FF RCRA In:		**BF IC ID I:**	U
RCRA Ec Co:		**BF IC Pr I:**	U
RCRA IC Co:		**BF Assess1:**	
RCRA Gpra :		**BF Multipu:**	
RCRA Rem 2:		**BF Awp Ind:**	
RCRA Dru 1:		**BF Showcas:**	
SF Site ID:		**BF 128a P :**	
SF Ec Ind:		**Congressio:**	CA-43
SF El Gm C:		**Stimulus B:**	
Ind Name:			
Cat Name:	San Gabriel		
Sub Name:	San Gabriel		
Primary Name:	COCKATOO MIDDLE SCHOOL SITE-COCKATOO-APN 4047-001-020		
RCRA Drupa:			
Repow Ref :	https://cimc.epa.gov/ords/cimc/f?p=CIMC:REPOWER:::::P33_REF:18079		
Url:	https://obipublic11.epa.gov/analytics/saw.dll?PortalPages&Action=Navigate&col1=ACRES_GRANT_EXPORT.PROPERTY_ID&val1=%2211298.0%22&PortalPath=/shared/CIMC/_portal/CIMC&Page=Profile+Page		
Census Url:	https://ejscreen.epa.gov/mapper/demogreportpdf.aspx?report=census2010sf1&coords=-118.3524835%2C33.9308859&feattype=point&radius=1.0		
ACS Url:	https://ejscreen.epa.gov/mapper/demogreportpdf.aspx?report=acs2017&coords=-118.3524835%2C33.9308859&feattype=point&radius=1.0		

SAA Site:	
Sf Brac Ty:	
Sf Archive:	
Sf Ffdocke:	
Sf Npl C 3:	
Sf Npl C 2:	
Sf Npl C 1:	
SF Site Na:	
SF Non N 1:	
SF Non N 2:	
SF Non N 3:	
SF Non Npl:	
BF Prope 1:	Cockatoo Middle School Site-Cockatoo-Apn 4047-001-014

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

RCRA Han 1:
RCRA Rau I:
REPOW BF: SGB
REPOW Re 1: RE-Powering Site Profile
REPOW Ref1: 18079

32	3 of29	W	0.32 / 1,714.05	72.46 / 1	Cockatoo Middle School Site-Cockatoo-Apn 4047-001-011 HAWTHORNE BLVD & IMPERIAL HIGHWAY HAWTHORNE CA 90250	FED BROWNFIELDS

Property ID: 11297
County: LOS ANGELES
Lat Measure: 33.9308859
Latitude (Map): 33.9308859
Long Measure: -118.3524835
Longitude (Map): -118.3524835
Property Name: Cockatoo Middle School Site-Cockatoo-Apn 4047-001-011
Address: HAWTHORNE BLVD & IMPERIAL HIGHWAY
City: HAWTHORNE
State Code: CA
Zip Code: 90250
Primary Name (Map): COCKATOO MIDDLE SCHOOL SITE-COCKATOO-APN 4047-001-020
Location Address (Map): HAWTHORNE BLVD & IMPERIAL HIGHWAY
City Name (Map): HAWTHORNE
County Name (Map): LOS ANGELES
State Code (Map): CA
Postal Code (Map): 90250
Data Source: Cleanups in My Community (CIMC) Cleanups and Grants Listing Export - Brownfield Properties; Cleanups in My Community (CIMC) Web Application - Brownfield Properties (Map)

Property Details (Cleanups in My Community)

ID No:
NFA Letter Date:
Media Affected:
Media Cleaned Up:
Contaminants REC:
Contams Actionable:
Contams < Actionble:
Contamnts Cleanup:
Tanks Removal:
Cleanup Needed: U
Cleanup Treatment:
Excavation Disposl:
Contams Extractn:
Reduc Contams:
Additional Clnup:
Institutional Cleanup: U
Institutional Cleanup:
Engineering Needed:
Eng Control:
Additnl Inst Control:
Additnl Eng Control:
Inst Control Date:
Eng Control Date:
Property Alias:
Property Owner:
Address Source URL:
Address Source URL:
Address Source URL:
Other:

Size Acres: 8.
Parcel No:
Property Enrolled:
Radius: .5
Census Tract: 06037602103
2010 # Below Poverty: 4110.
2010 Below Poverty: 27.52
2010 Median Income: 14658.
2010 No Low Income: 8022.
2010 Low Income: 53.72
2010 No Vacant Hous: 248.
2010 Vacant Housing: 5.62
2010 # Unemployed: 564.
2010 Unemployed: 3.78
Tech Capping:
Secur Guard Fence:
Immobilization:
Eng Barriers:
Proprietary Cntrl:
Info Device:
Govt Cntrl:
Enf Permit Tool:
Clnup Struct Remov:

Activity Details(Cleanups in My Community)

Coop Agmt No: n/a
Program Name:
Redev Actvy Funded:
Redev Start Dt:

Activity Funded:		**Redev Compl date:**	
Type CA Fund:	Hazardous	**Redev Fund Entity:**	
Funding Entity:	EPA	**Redev Residential:**	
Assessmnt Start Dt:	09/12/2001	**Redev Greenspace:**	
Assessmnt Compl Dt:	09/12/2001	**Redev Industrial:**	
Clnup Actvy Start Dt:		**Redev Commercial:**	
Clnup Actvy Comp Dt:		**# of Redev Jobs:**	
Acres Cleaned Up:		**RLF Signed Dt:**	
Clnup Funding Src:		**RLF Intest Rate:**	
Clnup Entity Provid:		**RLF EPA Fund:**	
Signed Rpt Dt:		**RLF Cost Share:**	
Direct Clnup Tot Fnd:		**RLF Prog Income:**	
Direct Clnup Fnd Src:		**RLF Lvg Fund Src:**	
Fund Amt Expnded:		**RLF Lvg Fund Entity:**	
Source of Funding:		**RLF Lvg Fund Amt:**	
Past Use Resiential:		**RLF Subgrant Signed:**	
Past Use Greenspace:		**Subgrant EPA Fund:**	
Past Use Industrial:		**Subgrant Cost Shr:**	
Past Use Commercial:			
Coop Agmt Recipnt:	R9 TBA - California (Pre-law Superfund TBA)		
Clnup Compet Doc2:			
Climate Adapt Mitg1:			
Climate Adapt Mitg2:			

Brownfields Details

Registry I:	110015335234	**SF El He C:**	
EPA ID:		**SF IC Ind:**	
EPA Region:	09	**SF NPL Cod:**	
Cat No:	18070106	**SF NPL C 1:**	
RCRA Handl:		**FF SF Ind:**	
RCRA Curre:		**Map Symbol:**	B
RCRA Remed:		**Data Refre:**	04-Feb-2024
RCRA Const:		**New Site:**	
RCRA El He:		**BF RLF Gra:**	
RCRA El Gm:		**BF RLF Pil:**	
RCRA Rem 1:		**BF Assess :**	
RCRA Ec Gw:		**BF Cleanup:**	
RCRA Ec Ng:		**BF Tba Ind:**	Y
RCRA IC Ep:		**BF 128a In:**	
RCRA IC Gc:		**BF IC Code:**	U
RCRA IC ID:		**BF IC Gc I:**	U
RCRA IC Pr:		**BF IC Ep I:**	U
FF RCRA In:		**BF IC ID I:**	U
RCRA Ec Co:		**BF IC Pr I:**	U
RCRA IC Co:		**BF Assess1:**	
RCRA Gpra :		**BF Multipu:**	
RCRA Rem 2:		**BF Awp Ind:**	
RCRA Dru 1:		**BF Showcas:**	
SF Site ID:		**BF 128a P :**	
SF Ec Ind:		**Congressio:**	CA-43
SF El Gm C:		**Stimulus B:**	
Ind Name:			
Cat Name:	San Gabriel		
Sub Name:	San Gabriel		
Primary Name:	COCKATOO MIDDLE SCHOOL SITE-COCKATOO-APN 4047-001-020		
RCRA Drupa:			
Repow Ref :	https://cimc.epa.gov/ords/cimc/f?p=CIMC:REPOWER:::::P33_REF:24703		
Url:	https://obipublic11.epa.gov/analytics/saw.dll?PortalPages&Action=Navigate&col1=ACRES_GRANT_EXPORT.PROPERTY_ID&val1=%2211297.0%22&PortalPath=/shared/CIMC/_portal/CIMC&Page=Profile+Page		
Census Url:	https://ejscreen.epa.gov/mapper/demogreportpdf.aspx?report=census2010sf1&coords=-118.3524835%2C33.9308859&feattype=point&radius=1.0		
ACS Url:	https://ejscreen.epa.gov/mapper/demogreportpdf.aspx?report=acs2017&coords=-118.3524835%2C33.9308859&feattype=point&radius=1.0		

SAA Site:	
Sf Brac Ty:	
Sf Archive:	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Sf Ffdocke:
Sf Npl C 3:
Sf Npl C 2:
Sf Npl C 1:
SF Site Na:
SF Non N 1:
SF Non N 2:
SF Non N 3:
SF Non Npl:
BF Prope 1: Cockatoo Middle School Site-Cockatoo-Apn 4047-001-011
RCRA Han 1:
RCRA Rau I:
REPOW BF: SGB
REPOW Re 1: RE-Powering Site Profile
REPOW Ref1: 24703

32	4 of29	W	0.32 / 1,714.05	72.46 / 1	Cockatoo Middle School Site- Cockatoo-Apn 4047-001-002 HAWTHORNE BLVD & IMPERIAL HIGHWAY HAWTHORNE CA 90250	FED BROWNFIELDS

Property ID: 11276
County: LOS ANGELES
Lat Measure: 33.9308859
Latitude (Map): 33.9308859
Long Measure: -118.3524835
Longitude (Map): -118.3524835
Property Name: Cockatoo Middle School Site-Cockatoo-Apn 4047-001-002
Address: HAWTHORNE BLVD & IMPERIAL HIGHWAY
City: HAWTHORNE
State Code: CA
Zip Code: 90250
Primary Name (Map): COCKATOO MIDDLE SCHOOL SITE-COCKATOO-APN 4047-001-020
Location Address (Map): HAWTHORNE BLVD & IMPERIAL HIGHWAY
City Name (Map): HAWTHORNE
County Name (Map): LOS ANGELES
State Code (Map): CA
Postal Code (Map): 90250
Data Source: Cleanups in My Community (CIMC) Cleanups and Grants Listing Export - Brownfield Properties; Cleanups in My Community (CIMC) Web Application - Brownfield Properties (Map)

Property Details (Cleanups in My Community)

ID No:
NFA Letter Date:
Media Affected:
Media Cleaned Up:
Contaminants REC:
Contams Actionable:
Contams < Actionble:
Contamnts Cleanup:
Tanks Removal:
Cleanup Needed: U
Cleanup Treatment:
Excavation Disposl:
Contams Extractn:
Reduc Contams:
Additional Clnup:
Institutional Cleanup: U
Institutional Cleanup:
Engineering Needed:
Eng Control:
Additnl Inst Control:
Additnl Eng Control:
Inst Control Date:
Eng Control Date:
Property Alias:
Property Owner:

Size Acres: 8.
Parcel No:
Property Enrolled:
Radius: .5
Census Tract: 06037602103
2010 # Below Poverty: 4110.
2010 Below Poverty: 27.52
2010 Median Income: 14658.
2010 No Low Income: 8022.
2010 Low Income: 53.72
2010 No Vacant Hous: 248.
2010 Vacant Housing: 5.62
2010 # Unemployed: 564.
2010 Unemployed: 3.78
Tech Capping:
Secur Guard Fence:
Immobilization:
Eng Barriers:
Proprietary Cntrl:
Info Device:
Govt Cntrl:
Enf Permit Tool:
Clnup Struct Remov:

Address Source URL:
Address Source URL:
Address Source URL:
Other:

Activity Details(Cleanups in My Community)

Coop Agmt No:	n/a	***Redev Actvy Funded:***	
Program Name:		***Redev Start Dt:***	
Activity Funded:		***Redev Compl date:***	
Type CA Fund:	Hazardous	***Redev Fund Entity:***	
Funding Entity:	EPA	***Redev Residential:***	
Assessmnt Start Dt:	09/12/2001	***Redev Greenspace:***	
Assessmnt Compl Dt:	09/12/2001	***Redev Industrial:***	
Clnup Actvy Start Dt:		***Redev Commercial:***	
Clnup Actvy Comp Dt:		***# of Redev Jobs:***	
Acres Cleaned Up:		***RLF Signed Dt:***	
Clnup Funding Src:		***RLF Intest Rate:***	
Clnup Entity Provid:		***RLF EPA Fund:***	
Signed Rpt Dt:		***RLF Cost Share:***	
Direct Clnup Tot Fnd:		***RLF Prog Income:***	
Direct Clnup Fnd Src:		***RLF Lvg Fund Src:***	
Fund Amt Expnded:		***RLF Lvg Fund Entity:***	
Source of Funding:		***RLF Lvg Fund Amt:***	
Past Use Resiential:		***RLF Subgrant Signed:***	
Past Use Greenspace:		***Subgrant EPA Fund:***	
Past Use Industrial:		***Subgrant Cost Shr:***	
Past Use Commercial:			
Coop Agmt Recipnt:	R9 TBA - California (Pre-law Superfund TBA)		
Clnup Compet Doc2:			
Climate Adapt Mitg1:			
Climate Adapt Mitg2:			

Brownfields Details

Registry I:	110015335234	***SF El He C:***	
EPA ID:		***SF IC Ind:***	
EPA Region:	09	***SF NPL Cod:***	
Cat No:	18070106	***SF NPL C 1:***	
RCRA Handl:		***FF SF Ind:***	
RCRA Curre:		***Map Symbol:***	B
RCRA Remed:		***Data Refre:***	04-Feb-2024
RCRA Const:		***New Site:***	
RCRA El He:		***BF RLF Gra:***	
RCRA El Gm:		***BF RLF Pil:***	
RCRA Rem 1:		***BF Assess :***	
RCRA Ec Gw:		***BF Cleanup:***	
RCRA Ec Ng:		***BF Tba Ind:***	Y
RCRA IC Ep:		***BF 128a In:***	
RCRA IC Gc:		***BF IC Code:***	U
RCRA IC ID:		***BF IC Gc I:***	U
RCRA IC Pr:		***BF IC Ep I:***	U
FF RCRA In:		***BF IC ID I:***	U
RCRA Ec Co:		***BF IC Pr I:***	U
RCRA IC Co:		***BF Assess1:***	
RCRA Gpra :		***BF Multipu:***	
RCRA Rem 2:		***BF Awp Ind:***	
RCRA Dru 1:		***BF Showcas:***	
SF Site ID:		***BF 128a P :***	
SF Ec Ind:		***Congressio:***	CA-43
SF El Gm C:		***Stimulus B:***	
Ind Name:			
Cat Name:	San Gabriel		
Sub Name:	San Gabriel		
Primary Name:	COCKATOO MIDDLE SCHOOL SITE-COCKATOO-APN 4047-001-020		
RCRA Drupa:			
Repow Ref :	https://cimc.epa.gov/ords/cimc/f?p=CIMC:REPOWER:::::P33_REF:11521		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Url:	https://obipublic11.epa.gov/analytics/saw.dll?PortalPages&Action=Navigate&col1=ACRES_GRANT_EXPORT.PROPERTY_ID&val1=%2211276.0%22&PortalPath=/shared/CIMC/_portal/CIMC&Page=Profile+Page
Census Url:	https://ejscreen.epa.gov/mapper/demogreportpdf.aspx?report=census2010sf1&coords=-118.3524835%2C33.9308859&feattype=point&radius=1.0
ACS Url:	https://ejscreen.epa.gov/mapper/demogreportpdf.aspx?report=acs2017&coords=-118.3524835%2C33.9308859&feattype=point&radius=1.0
SAA Site:	
Sf Brac Ty:	
Sf Archive:	
Sf Ffdocke:	
Sf Npl C 3:	
Sf Npl C 2:	
Sf Npl C 1:	
SF Site Na:	
SF Non N 1:	
SF Non N 2:	
SF Non N 3:	
SF Non Npl:	
BF Prope 1:	Cockatoo Middle School Site-Cockatoo-Apn 4047-001-002
RCRA Han 1:	
RCRA Rau I:	
REPOW BF:	SGB
REPOW Re 1:	RE-Powering Site Profile
REPOW Ref1:	11521

32	5 of29	W	0.32 / 1,714.05	72.46 / 1	**Cockatoo Middle School Site-Cockatoo-Apn 4047-001-020** **HAWTHORNE BLVD & IMPERIAL HIGHWAY** **HAWTHORNE CA 90250**	**FED BROWNFIELDS**

Property ID:	11303	**County:**	LOS ANGELES
Lat Measure:	33.9308859	**Latitude (Map):**	33.9308859
Long Measure:	-118.3524835	**Longitude (Map):**	-118.3524835

Property Name:	Cockatoo Middle School Site-Cockatoo-Apn 4047-001-020
Address:	HAWTHORNE BLVD & IMPERIAL HIGHWAY
City:	HAWTHORNE
State Code:	CA
Zip Code:	90250
Primary Name (Map):	COCKATOO MIDDLE SCHOOL SITE-COCKATOO-APN 4047-001-020
Location Address (Map):	HAWTHORNE BLVD & IMPERIAL HIGHWAY
City Name (Map):	HAWTHORNE
County Name (Map):	LOS ANGELES
State Code (Map):	CA
Postal Code (Map):	90250
Data Source:	Cleanups in My Community (CIMC) Cleanups and Grants Listing Export - Brownfield Properties; Cleanups in My Community (CIMC) Web Application - Brownfield Properties (Map)

Property Details (Cleanups in My Community)

ID No:		**Size Acres:**	8.
NFA Letter Date:		**Parcel No:**	
Media Affected:		**Property Enrolled:**	
Media Cleaned Up:		**Radius:**	.5
Contaminants REC:		**Census Tract:**	06037602103
Contams Actionable:		**2010 # Below Poverty:**	4110.
Contams < Actionble:		**2010 Below Poverty:**	27.52
Contamnts Cleanup:		**2010 Median Income:**	14658.
Tanks Removal:		**2010 No Low Income:**	8022.
Cleanup Needed:	U	**2010 Low Income:**	53.72
Cleanup Treatment:		**2010 No Vacant Hous:**	248.
Excavation Disposl:		**2010 Vacant Housing:**	5.62
Contams Extractn:		**2010 # Unemployed:**	564.
Reduc Contams:		**2010 Unemployed:**	3.78
Additional Clnup:		**Tech Capping:**	

Institutional Cleanup:	U	***Secur Guard Fence:***	
Institutional Cleanup:		***Immobilization:***	
Engineering Needed:		***Eng Barriers:***	
Eng Control:		***Proprietary Cntrl:***	
Additnl Inst Control:		***Info Device:***	
Additnl Eng Control:		***Govt Cntrl:***	
Inst Control Date:		***Enf Permit Tool:***	
Eng Control Date:		***Clnup Struct Remov:***	
Property Alias:			
Property Owner:			
Address Source URL:			
Address Source URL:			
Address Source URL:			
Other:			

Activity Details(Cleanups in My Community)

Coop Agmt No:	n/a	***Redev Actvy Funded:***	
Program Name:		***Redev Start Dt:***	
Activity Funded:		***Redev Compl date:***	
Type CA Fund:	Hazardous	***Redev Fund Entity:***	
Funding Entity:	EPA	***Redev Residential:***	
Assessmnt Start Dt:	09/12/2001	***Redev Greenspace:***	
Assessmnt Compl Dt:	09/12/2001	***Redev Industrial:***	
Clnup Actvy Start Dt:		***Redev Commercial:***	
Clnup Actvy Comp Dt:		***# of Redev Jobs:***	
Acres Cleaned Up:		***RLF Signed Dt:***	
Clnup Funding Src:		***RLF Intest Rate:***	
Clnup Entity Provid:		***RLF EPA Fund:***	
Signed Rpt Dt:		***RLF Cost Share:***	
Direct Clnup Tot Fnd:		***RLF Prog Income:***	
Direct Clnup Fnd Src:		***RLF Lvg Fund Src:***	
Fund Amt Expnded:		***RLF Lvg Fund Entity:***	
Source of Funding:		***RLF Lvg Fund Amt:***	
Past Use Resiential:		***RLF Subgrant Signed:***	
Past Use Greenspace:		***Subgrant EPA Fund:***	
Past Use Industrial:		***Subgrant Cost Shr:***	
Past Use Commercial:			
Coop Agmt Recipnt:	R9 TBA - California (Pre-law Superfund TBA)		
Clnup Compet Doc2:			
Climate Adapt Mitg1:			
Climate Adapt Mitg2:			

Brownfields Details

Registry I:	110015335234	***SF El He C:***	
EPA ID:		***SF IC Ind:***	
EPA Region:	09	***SF NPL Cod:***	
Cat No:	18070106	***SF NPL C 1:***	
RCRA Handl:		***FF SF Ind:***	
RCRA Curre:		***Map Symbol:***	B
RCRA Remed:		***Data Refre:***	04-Feb-2024
RCRA Const:		***New Site:***	
RCRA El He:		***BF RLF Gra:***	
RCRA El Gm:		***BF RLF Pil:***	
RCRA Rem 1:		***BF Assess :***	
RCRA Ec Gw:		***BF Cleanup:***	
RCRA Ec Ng:		***BF Tba Ind:***	Y
RCRA IC Ep:		***BF 128a In:***	
RCRA IC Gc:		***BF IC Code:***	U
RCRA IC ID:		***BF IC Gc I:***	U
RCRA IC Pr:		***BF IC Ep I:***	U
FF RCRA In:		***BF IC ID I:***	U
RCRA Ec Co:		***BF IC Pr I:***	U
RCRA IC Co:		***BF Assess1:***	
RCRA Gpra :		***BF Multipu:***	
RCRA Rem 2:		***BF Awp Ind:***	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

RCRA Dru 1:		**BF Showcas:**	
SF Site ID:		**BF 128a P :**	
SF Ec Ind:		**Congressio:**	CA-43
SF El Gm C:		**Stimulus B:**	
Ind Name:			
Cat Name:	San Gabriel		
Sub Name:	San Gabriel		
Primary Name:	COCKATOO MIDDLE SCHOOL SITE-COCKATOO-APN 4047-001-020		
RCRA Drupa:			
Repow Ref :	https://cimc.epa.gov/ords/cimc/f?p=CIMC:REPOWER:::::P33_REF:11535		
Url:	https://obipublic11.epa.gov/analytics/saw.dll?PortalPages&Action=Navigate&col1=ACRES_GRANT_EXPORT.PROPERTY_ID&val1=%2211303.0%22&PortalPath=/shared/CIMC/_portal/CIMC&Page=Profile+Page		
Census Url:	https://ejscreen.epa.gov/mapper/demogreportpdf.aspx?report=census2010sf1&coords=-118.3524835%2C33.9308859&feattype=point&radius=1.0		
ACS Url:	https://ejscreen.epa.gov/mapper/demogreportpdf.aspx?report=acs2017&coords=-118.3524835%2C33.9308859&feattype=point&radius=1.0		
SAA Site:			
Sf Brac Ty:			
Sf Archive:			
Sf Ffdocke:			
Sf Npl C 3:			
Sf Npl C 2:			
Sf Npl C 1:			
SF Site Na:			
SF Non N 1:			
SF Non N 2:			
SF Non N 3:			
SF Non Npl:			
BF Prope 1:	Cockatoo Middle School Site-Cockatoo-Apn 4047-001-020		
RCRA Han 1:			
RCRA Rau I:			
REPOW BF:	SGB		
REPOW Re 1:	RE-Powering Site Profile		
REPOW Ref1:	11535		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
32	6 of29	W	0.32 / 1,714.05	72.46 / 1	Cockatoo Middle School Site-Cockatoo-Apn 4047-001-021 HAWTHORNE BLVD & IMPERIAL HIGHWAY HAWTHORNE CA 90250	FED BROWNFIELDS

Property ID:	11277	**County:**	LOS ANGELES
Lat Measure:	33.9308859	**Latitude (Map):**	33.9308859
Long Measure:	-118.3524835	**Longitude (Map):**	-118.3524835
Property Name:	Cockatoo Middle School Site-Cockatoo-Apn 4047-001-021		
Address:	HAWTHORNE BLVD & IMPERIAL HIGHWAY		
City:	HAWTHORNE		
State Code:	CA		
Zip Code:	90250		
Primary Name (Map):	COCKATOO MIDDLE SCHOOL SITE-COCKATOO-APN 4047-001-020		
Location Address (Map):	HAWTHORNE BLVD & IMPERIAL HIGHWAY		
City Name (Map):	HAWTHORNE		
County Name (Map):	LOS ANGELES		
State Code (Map):	CA		
Postal Code (Map):	90250		
Data Source:	Cleanups in My Community (CIMC) Cleanups and Grants Listing Export - Brownfield Properties; Cleanups in My Community (CIMC) Web Application - Brownfield Properties (Map)		

Property Details (Cleanups in My Community)

ID No:		**Size Acres:**	8.
NFA Letter Date:		**Parcel No:**	
Media Affected:		**Property Enrolled:**	
Media Cleaned Up:		**Radius:**	.5
Contaminants REC:		**Census Tract:**	06037602103

Contams Actionable:		**2010 # Below Poverty:**	4110.
Contams < Actionble:		**2010 Below Poverty:**	27.52
Contamnts Cleanup:		**2010 Median Income:**	14658.
Tanks Removal:		**2010 No Low Income:**	8022.
Cleanup Needed:	U	**2010 Low Income:**	53.72
Cleanup Treatment:		**2010 No Vacant Hous:**	248.
Excavation Disposl:		**2010 Vacant Housing:**	5.62
Contams Extractn:		**2010 # Unemployed:**	564.
Reduc Contams:		**2010 Unemployed:**	3.78
Additional Clnup:		**Tech Capping:**	
Institutional Cleanup:	U	**Secur Guard Fence:**	
Institutional Cleanup:		**Immobilization:**	
Engineering Needed:		**Eng Barriers:**	
Eng Control:		**Proprietary Cntrl:**	
Additnl Inst Control:		**Info Device:**	
Additnl Eng Control:		**Govt Cntrl:**	
Inst Control Date:		**Enf Permit Tool:**	
Eng Control Date:		**Clnup Struct Remov:**	
Property Alias:			
Property Owner:			
Address Source URL:			
Address Source URL:			
Address Source URL:			
Other:			

Activity Details(Cleanups in My Community)

Coop Agmt No:	n/a	**Redev Actvy Funded:**	
Program Name:		**Redev Start Dt:**	
Activity Funded:		**Redev Compl date:**	
Type CA Fund:	Hazardous	**Redev Fund Entity:**	
Funding Entity:	EPA	**Redev Residential:**	
Assessmnt Start Dt:	09/12/2001	**Redev Greenspace:**	
Assessmnt Compl Dt:	09/12/2001	**Redev Industrial:**	
Clnup Actvy Start Dt:		**Redev Commercial:**	
Clnup Actvy Comp Dt:		**# of Redev Jobs:**	
Acres Cleaned Up:		**RLF Signed Dt:**	
Clnup Funding Src:		**RLF Intest Rate:**	
Clnup Entity Provid:		**RLF EPA Fund:**	
Signed Rpt Dt:		**RLF Cost Share:**	
Direct Clnup Tot Fnd:		**RLF Prog Income:**	
Direct Clnup Fnd Src:		**RLF Lvg Fund Src:**	
Fund Amt Expnded:		**RLF Lvg Fund Entity:**	
Source of Funding:		**RLF Lvg Fund Amt:**	
Past Use Resiential:		**RLF Subgrant Signed:**	
Past Use Greenspace:		**Subgrant EPA Fund:**	
Past Use Industrial:		**Subgrant Cost Shr:**	
Past Use Commercial:			
Coop Agmt Recipnt:	R9 TBA - California (Pre-law Superfund TBA)		
Clnup Compet Doc2:			
Climate Adapt Mitg1:			
Climate Adapt Mitg2:			

Brownfields Details

Registry I:	110015335234	**SF El He C:**	
EPA ID:		**SF IC Ind:**	
EPA Region:	09	**SF NPL Cod:**	
Cat No:	18070106	**SF NPL C 1:**	
RCRA Handl:		**FF SF Ind:**	
RCRA Curre:		**Map Symbol:**	B
RCRA Remed:		**Data Refre:**	04-Feb-2024
RCRA Const:		**New Site:**	
RCRA El He:		**BF RLF Gra:**	
RCRA El Gm:		**BF RLF Pil:**	
RCRA Rem 1:		**BF Assess :**	
RCRA Ec Gw:		**BF Cleanup:**	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

RCRA Ec Ng:		**BF Tba Ind:**	Y
RCRA IC Ep:		**BF 128a In:**	
RCRA IC Gc:		**BF IC Code:**	U
RCRA IC ID:		**BF IC Gc I:**	U
RCRA IC Pr:		**BF IC Ep I:**	U
FF RCRA In:		**BF IC ID I:**	U
RCRA Ec Co:		**BF IC Pr I:**	U
RCRA IC Co:		**BF Assess1:**	
RCRA Gpra :		**BF Multipu:**	
RCRA Rem 2:		**BF Awp Ind:**	
RCRA Dru 1:		**BF Showcas:**	
SF Site ID:		**BF 128a P :**	
SF Ec Ind:		**Congressio:**	CA-43
SF El Gm C:		**Stimulus B:**	

Ind Name:
Cat Name: San Gabriel
Sub Name: San Gabriel
Primary Name: COCKATOO MIDDLE SCHOOL SITE-COCKATOO-APN 4047-001-020
RCRA Drupa:
Repow Ref : https://cimc.epa.gov/ords/cimc/f?p=CIMC:REPOWER:::::P33_REF:14762
Url: https://obipublic11.epa.gov/analytics/saw.dll?PortalPages&Action=Navigate&col1=ACRES_GRANT_EXPORT.PROPERTY_ID&val1=%2211277.0%22&PortalPath=/shared/CIMC/_portal/CIMC&Page=Profile+Page
Census Url: https://ejscreen.epa.gov/mapper/demogreportpdf.aspx?report=census2010sf1&coords=-118.3524835%2C33.9308859&feattype=point&radius=1.0
ACS Url: https://ejscreen.epa.gov/mapper/demogreportpdf.aspx?report=acs2017&coords=-118.3524835%2C33.9308859&feattype=point&radius=1.0

SAA Site:
Sf Brac Ty:
Sf Archive:
Sf Ffdocke:
Sf Npl C 3:
Sf Npl C 2:
Sf Npl C 1:
SF Site Na:
SF Non N 1:
SF Non N 2:
SF Non N 3:
SF Non Npl:
BF Prope 1: Cockatoo Middle School Site-Cockatoo-Apn 4047-001-021
RCRA Han 1:
RCRA Rau I:
REPOW BF: SGB
REPOW Re 1: RE-Powering Site Profile
REPOW Ref1: 14762

32	7 of29	W	0.32 / 1,714.05	72.46 / 1	**Cockatoo Middle School Site-Cockatoo-Apn 4047-001-019** **HAWTHORNE BLVD & IMPERIAL HIGHWAY** **HAWTHORNE CA 90250**	**FED BROWNFIELDS**

Property ID:	11286	**County:**	LOS ANGELES
Lat Measure:	33.9308859	**Latitude (Map):**	33.9308859
Long Measure:	-118.3524835	**Longitude (Map):**	-118.3524835

Property Name: Cockatoo Middle School Site-Cockatoo-Apn 4047-001-019
Address: HAWTHORNE BLVD & IMPERIAL HIGHWAY
City: HAWTHORNE
State Code: CA
Zip Code: 90250
Primary Name (Map): COCKATOO MIDDLE SCHOOL SITE-COCKATOO-APN 4047-001-020
Location Address (Map): HAWTHORNE BLVD & IMPERIAL HIGHWAY
City Name (Map): HAWTHORNE
County Name (Map): LOS ANGELES
State Code (Map): CA
Postal Code (Map): 90250
Data Source: Cleanups in My Community (CIMC) Cleanups and Grants Listing Export - Brownfield Properties; Cleanups in My

Community (CIMC) Web Application - Brownfield Properties (Map)

Property Details (Cleanups in My Community)

ID No:		***Size Acres:***	8.
NFA Letter Date:		***Parcel No:***	
Media Affected:		***Property Enrolled:***	
Media Cleaned Up:		***Radius:***	.5
Contaminants REC:		***Census Tract:***	06037602103
Contams Actionable:		***2010 # Below Poverty:***	4110.
Contams < Actionble:		***2010 Below Poverty:***	27.52
Contamnts Cleanup:		***2010 Median Income:***	14658.
Tanks Removal:		***2010 No Low Income:***	8022.
Cleanup Needed:	U	***2010 Low Income:***	53.72
Cleanup Treatment:		***2010 No Vacant Hous:***	248.
Excavation Disposl:		***2010 Vacant Housing:***	5.62
Contams Extractn:		***2010 # Unemployed:***	564.
Reduc Contams:		***2010 Unemployed:***	3.78
Additional Clnup:		***Tech Capping:***	
Institutional Cleanup:	U	***Secur Guard Fence:***	
Institutional Cleanup:		***Immobilization:***	
Engineering Needed:		***Eng Barriers:***	
Eng Control:		***Proprietary Cntrl:***	
Additnl Inst Control:		***Info Device:***	
Additnl Eng Control:		***Govt Cntrl:***	
Inst Control Date:		***Enf Permit Tool:***	
Eng Control Date:		***Clnup Struct Remov:***	
Property Alias:			
Property Owner:			
Address Source URL:			
Address Source URL:			
Address Source URL:			
Other:			

Activity Details(Cleanups in My Community)

Coop Agmt No:	n/a	***Redev Actvy Funded:***	
Program Name:		***Redev Start Dt:***	
Activity Funded:		***Redev Compl date:***	
Type CA Fund:	Hazardous	***Redev Fund Entity:***	
Funding Entity:	EPA	***Redev Residential:***	
Assessmnt Start Dt:	09/12/2001	***Redev Greenspace:***	
Assessmnt Compl Dt:	09/12/2001	***Redev Industrial:***	
Clnup Actvy Start Dt:		***Redev Commercial:***	
Clnup Actvy Comp Dt:		***# of Redev Jobs:***	
Acres Cleaned Up:		***RLF Signed Dt:***	
Clnup Funding Src:		***RLF Intest Rate:***	
Clnup Entity Provid:		***RLF EPA Fund:***	
Signed Rpt Dt:		***RLF Cost Share:***	
Direct Clnup Tot Fnd:		***RLF Prog Income:***	
Direct Clnup Fnd Src:		***RLF Lvg Fund Src:***	
Fund Amt Expnded:		***RLF Lvg Fund Entity:***	
Source of Funding:		***RLF Lvg Fund Amt:***	
Past Use Resiential:		***RLF Subgrant Signed:***	
Past Use Greenspace:		***Subgrant EPA Fund:***	
Past Use Industrial:		***Subgrant Cost Shr:***	
Past Use Commercial:			
Coop Agmt Recipnt:	R9 TBA - California (Pre-law Superfund TBA)		
Clnup Compet Doc2:			
Climate Adapt Mitg1:			
Climate Adapt Mitg2:			

Brownfields Details

Registry I:	110015335234	***SF EI He C:***	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

EPA ID:		**SF IC Ind:**	
EPA Region:	09	**SF NPL Cod:**	
Cat No:	18070106	**SF NPL C 1:**	
RCRA Handl:		**FF SF Ind:**	
RCRA Curre:		**Map Symbol:**	B
RCRA Remed:		**Data Refre:**	04-Feb-2024
RCRA Const:		**New Site:**	
RCRA El He:		**BF RLF Gra:**	
RCRA El Gm:		**BF RLF Pil:**	
RCRA Rem 1:		**BF Assess :**	
RCRA Ec Gw:		**BF Cleanup:**	
RCRA Ec Ng:		**BF Tba Ind:**	Y
RCRA IC Ep:		**BF 128a In:**	
RCRA IC Gc:		**BF IC Code:**	U
RCRA IC ID:		**BF IC Gc I:**	U
RCRA IC Pr:		**BF IC Ep I:**	U
FF RCRA In:		**BF IC ID I:**	U
RCRA Ec Co:		**BF IC Pr I:**	U
RCRA IC Co:		**BF Assess1:**	
RCRA Gpra :		**BF Multipu:**	
RCRA Rem 2:		**BF Awp Ind:**	
RCRA Dru 1:		**BF Showcas:**	
SF Site ID:		**BF 128a P :**	
SF Ec Ind:		**Congressio:**	CA-43
SF El Gm C:		**Stimulus B:**	

Ind Name:	
Cat Name:	San Gabriel
Sub Name:	San Gabriel
Primary Name:	COCKATOO MIDDLE SCHOOL SITE-COCKATOO-APN 4047-001-020
RCRA Drupa:	
Repow Ref :	https://cimc.epa.gov/ords/cimc/f?p=CIMC:REPOWER:::::P33_REF:31241
Url:	https://obipublic11.epa.gov/analytics/saw.dll?PortalPages&Action=Navigate&col1=ACRES_GRANT_EXPORT.PROPERTY_ID&val1=%2211286.0%22&PortalPath=/shared/CIMC/_portal/CIMC&Page=Profile+Page
Census Url:	https://ejscreen.epa.gov/mapper/demogreportpdf.aspx?report=census2010sf1&coords=-118.3524835%2C33.9308859&feattype=point&radius=1.0
ACS Url:	https://ejscreen.epa.gov/mapper/demogreportpdf.aspx?report=acs2017&coords=-118.3524835%2C33.9308859&feattype=point&radius=1.0

SAA Site:	
Sf Brac Ty:	
Sf Archive:	
Sf Ffdocke:	
Sf Npl C 3:	
Sf Npl C 2:	
Sf Npl C 1:	
SF Site Na:	
SF Non N 1:	
SF Non N 2:	
SF Non N 3:	
SF Non Npl:	
BF Prope 1:	Cockatoo Middle School Site-Cockatoo-Apn 4047-001-019
RCRA Han 1:	
RCRA Rau I:	
REPOW BF:	SGB
REPOW Re 1:	RE-Powering Site Profile
REPOW Ref1:	31241

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
32	8 of29	W	0.32 / 1,714.05	72.46 / 1	**Cockatoo Middle School Site-Cockatoo-Apn 4047-002-017** **HAWTHORNE BLVD & IMPERIAL HIGHWAY** **HAWTHORNE CA 90250**	FED BROWNFIELDS

Property ID:	11294	**County:**	LOS ANGELES
Lat Measure:	33.9308859	**Latitude (Map):**	33.9308859
Long Measure:	-118.3524835	**Longitude (Map):**	-118.3524835
Property Name:	Cockatoo Middle School Site-Cockatoo-Apn 4047-002-017		

Address:	HAWTHORNE BLVD & IMPERIAL HIGHWAY
City:	HAWTHORNE
State Code:	CA
Zip Code:	90250
Primary Name (Map):	COCKATOO MIDDLE SCHOOL SITE-COCKATOO-APN 4047-001-020
Location Address (Map):	HAWTHORNE BLVD & IMPERIAL HIGHWAY
City Name (Map):	HAWTHORNE
County Name (Map):	LOS ANGELES
State Code (Map):	CA
Postal Code (Map):	90250
Data Source:	Cleanups in My Community (CIMC) Cleanups and Grants Listing Export - Brownfield Properties; Cleanups in My Community (CIMC) Web Application - Brownfield Properties (Map)

Property Details (Cleanups in My Community)

ID No:		**Size Acres:**	8.
NFA Letter Date:		**Parcel No:**	
Media Affected:		**Property Enrolled:**	
Media Cleaned Up:		**Radius:**	.5
Contaminants REC:		**Census Tract:**	06037602103
Contams Actionable:		**2010 # Below Poverty:**	4110.
Contams < Actionble:		**2010 Below Poverty:**	27.52
Contamnts Cleanup:		**2010 Median Income:**	14658.
Tanks Removal:		**2010 No Low Income:**	8022.
Cleanup Needed:	U	**2010 Low Income:**	53.72
Cleanup Treatment:		**2010 No Vacant Hous:**	248.
Excavation Disposl:		**2010 Vacant Housing:**	5.62
Contams Extractn:		**2010 # Unemployed:**	564.
Reduc Contams:		**2010 Unemployed:**	3.78
Additional Clnup:		**Tech Capping:**	
Institutional Cleanup:	U	**Secur Guard Fence:**	
Institutional Cleanup:		**Immobilization:**	
Engineering Needed:		**Eng Barriers:**	
Eng Control:		**Proprietary Cntrl:**	
Additnl Inst Control:		**Info Device:**	
Additnl Eng Control:		**Govt Cntrl:**	
Inst Control Date:		**Enf Permit Tool:**	
Eng Control Date:		**Clnup Struct Remov:**	
Property Alias:			
Property Owner:			
Address Source URL:			
Address Source URL:			
Address Source URL:			
Other:			

Activity Details(Cleanups in My Community)

Coop Agmt No:	n/a	**Redev Actvy Funded:**	
Program Name:		**Redev Start Dt:**	
Activity Funded:		**Redev Compl date:**	
Type CA Fund:	Hazardous	**Redev Fund Entity:**	
Funding Entity:	EPA	**Redev Residential:**	
Assessmnt Start Dt:	09/12/2001	**Redev Greenspace:**	
Assessmnt Compl Dt:	09/12/2001	**Redev Industrial:**	
Clnup Actvy Start Dt:		**Redev Commercial:**	
Clnup Actvy Comp Dt:		**# of Redev Jobs:**	
Acres Cleaned Up:		**RLF Signed Dt:**	
Clnup Funding Src:		**RLF Intest Rate:**	
Clnup Entity Provid:		**RLF EPA Fund:**	
Signed Rpt Dt:		**RLF Cost Share:**	
Direct Clnup Tot Fnd:		**RLF Prog Income:**	
Direct Clnup Fnd Src:		**RLF Lvg Fund Src:**	
Fund Amt Expnded:		**RLF Lvg Fund Entity:**	
Source of Funding:		**RLF Lvg Fund Amt:**	
Past Use Resiential:		**RLF Subgrant Signed:**	
Past Use Greenspace:		**Subgrant EPA Fund:**	
Past Use Industrial:		**Subgrant Cost Shr:**	

Past Use Commercial:	
Coop Agmt Recipnt:	R9 TBA - California (Pre-law Superfund TBA)
Clnup Compet Doc2:	
Climate Adapt Mitg1:	
Climate Adapt Mitg2:	

Brownfields Details

Registry I:	110015335234	**SF El He C:**	
EPA ID:		**SF IC Ind:**	
EPA Region:	09	**SF NPL Cod:**	
Cat No:	18070106	**SF NPL C 1:**	
RCRA Handl:		**FF SF Ind:**	
RCRA Curre:		**Map Symbol:**	B
RCRA Remed:		**Data Refre:**	04-Feb-2024
RCRA Const:		**New Site:**	
RCRA El He:		**BF RLF Gra:**	
RCRA El Gm:		**BF RLF Pil:**	
RCRA Rem 1:		**BF Assess :**	
RCRA Ec Gw:		**BF Cleanup:**	
RCRA Ec Ng:		**BF Tba Ind:**	Y
RCRA IC Ep:		**BF 128a In:**	
RCRA IC Gc:		**BF IC Code:**	U
RCRA IC ID:		**BF IC Gc I:**	U
RCRA IC Pr:		**BF IC Ep I:**	U
FF RCRA In:		**BF IC ID I:**	U
RCRA Ec Co:		**BF IC Pr I:**	U
RCRA IC Co:		**BF Assess1:**	
RCRA Gpra :		**BF Multipu:**	
RCRA Rem 2:		**BF Awp Ind:**	
RCRA Dru 1:		**BF Showcas:**	
SF Site ID:		**BF 128a P :**	
SF Ec Ind:		**Congressio:**	CA-43
SF El Gm C:		**Stimulus B:**	

Ind Name:	
Cat Name:	San Gabriel
Sub Name:	San Gabriel
Primary Name:	COCKATOO MIDDLE SCHOOL SITE-COCKATOO-APN 4047-001-020
RCRA Drupa:	
Repow Ref :	https://cimc.epa.gov/ords/cimc/f?p=CIMC:REPOWER:::::P33_REF:14764
Url:	https://obipublic11.epa.gov/analytics/saw.dll?PortalPages&Action=Navigate&col1=ACRES_GRANT_EXPORT.PROPERTY_ID&val1=%2211294.0%22&PortalPath=/shared/CIMC/_portal/CIMC&Page=Profile+Page
Census Url:	https://ejscreen.epa.gov/mapper/demogreportpdf.aspx?report=census2010sf1&coords=-118.3524835%2C33.9308859&feattype=point&radius=1.0
ACS Url:	https://ejscreen.epa.gov/mapper/demogreportpdf.aspx?report=acs2017&coords=-118.3524835%2C33.9308859&feattype=point&radius=1.0

SAA Site:	
Sf Brac Ty:	
Sf Archive:	
Sf Ffdocke:	
Sf Npl C 3:	
Sf Npl C 2:	
Sf Npl C 1:	
SF Site Na:	
SF Non N 1:	
SF Non N 2:	
SF Non N 3:	
SF Non Npl:	
BF Prope 1:	Cockatoo Middle School Site-Cockatoo-Apn 4047-002-017
RCRA Han 1:	
RCRA Rau I:	
REPOW BF:	SGB
REPOW Re 1:	RE-Powering Site Profile
REPOW Ref1:	14764

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
32	9 of29	W	0.32 / 1,714.05	72.46 / 1	Cockatoo Middle School Site-Cockatoo-Apn 4047-002-015 HAWTHORNE BLVD & IMPERIAL HIGHWAY HAWTHORNE CA 90250	FED BROWNFIELDS

Property ID:	11292	**County:**	LOS ANGELES
Lat Measure:	33.9308859	**Latitude (Map):**	33.9308859
Long Measure:	-118.3524835	**Longitude (Map):**	-118.3524835
Property Name:	Cockatoo Middle School Site-Cockatoo-Apn 4047-002-015		
Address:	HAWTHORNE BLVD & IMPERIAL HIGHWAY		
City:	HAWTHORNE		
State Code:	CA		
Zip Code:	90250		
Primary Name (Map):	COCKATOO MIDDLE SCHOOL SITE-COCKATOO-APN 4047-001-020		
Location Address (Map):	HAWTHORNE BLVD & IMPERIAL HIGHWAY		
City Name (Map):	HAWTHORNE		
County Name (Map):	LOS ANGELES		
State Code (Map):	CA		
Postal Code (Map):	90250		
Data Source:	Cleanups in My Community (CIMC) Cleanups and Grants Listing Export - Brownfield Properties; Cleanups in My Community (CIMC) Web Application - Brownfield Properties (Map)		

Property Details (Cleanups in My Community)

ID No:		**Size Acres:**	8.
NFA Letter Date:		**Parcel No:**	
Media Affected:		**Property Enrolled:**	
Media Cleaned Up:		**Radius:**	.5
Contaminants REC:		**Census Tract:**	06037602103
Contams Actionable:		**2010 # Below Poverty:**	4110.
Contams < Actionble:		**2010 Below Poverty:**	27.52
Contamnts Cleanup:		**2010 Median Income:**	14658.
Tanks Removal:		**2010 No Low Income:**	8022.
Cleanup Needed:	U	**2010 Low Income:**	53.72
Cleanup Treatment:		**2010 No Vacant Hous:**	248.
Excavation Disposl:		**2010 Vacant Housing:**	5.62
Contams Extractn:		**2010 # Unemployed:**	564.
Reduc Contams:		**2010 Unemployed:**	3.78
Additional Clnup:		**Tech Capping:**	
Institutional Cleanup:	U	**Secur Guard Fence:**	
Institutional Cleanup:		**Immobilization:**	
Engineering Needed:		**Eng Barriers:**	
Eng Control:		**Proprietary Cntrl:**	
Additnl Inst Control:		**Info Device:**	
Additnl Eng Control:		**Govt Cntrl:**	
Inst Control Date:		**Enf Permit Tool:**	
Eng Control Date:		**Clnup Struct Remov:**	
Property Alias:			
Property Owner:			
Address Source URL:			
Address Source URL:			
Address Source URL:			
Other:			

Activity Details(Cleanups in My Community)

Coop Agmt No:	n/a	**Redev Actvy Funded:**	
Program Name:		**Redev Start Dt:**	
Activity Funded:		**Redev Compl date:**	
Type CA Fund:	Hazardous	**Redev Fund Entity:**	
Funding Entity:	EPA	**Redev Residential:**	
Assessmnt Start Dt:	09/12/2001	**Redev Greenspace:**	
Assessmnt Compl Dt:	09/12/2001	**Redev Industrial:**	
Clnup Actvy Start Dt:		**Redev Commercial:**	
Clnup Actvy Comp Dt:		**# of Redev Jobs:**	
Acres Cleaned Up:		**RLF Signed Dt:**	

Clnup Funding Src:		**RLF Intest Rate:**	
Clnup Entity Provid:		**RLF EPA Fund:**	
Signed Rpt Dt:		**RLF Cost Share:**	
Direct Clnup Tot Fnd:		**RLF Prog Income:**	
Direct Clnup Fnd Src:		**RLF Lvg Fund Src:**	
Fund Amt Expnded:		**RLF Lvg Fund Entity:**	
Source of Funding:		**RLF Lvg Fund Amt:**	
Past Use Resiential:		**RLF Subgrant Signed:**	
Past Use Greenspace:		**Subgrant EPA Fund:**	
Past Use Industrial:		**Subgrant Cost Shr:**	
Past Use Commercial:			
Coop Agmt Recipnt:	R9 TBA - California (Pre-law Superfund TBA)		
Clnup Compet Doc2:			
Climate Adapt Mitg1:			
Climate Adapt Mitg2:			

Brownfields Details

Registry I:	110015335234	**SF El He C:**	
EPA ID:		**SF IC Ind:**	
EPA Region:	09	**SF NPL Cod:**	
Cat No:	18070106	**SF NPL C 1:**	
RCRA Handl:		**FF SF Ind:**	
RCRA Curre:		**Map Symbol:**	B
RCRA Remed:		**Data Refre:**	04-Feb-2024
RCRA Const:		**New Site:**	
RCRA El He:		**BF RLF Gra:**	
RCRA El Gm:		**BF RLF Pil:**	
RCRA Rem 1:		**BF Assess :**	
RCRA Ec Gw:		**BF Cleanup:**	
RCRA Ec Ng:		**BF Tba Ind:**	Y
RCRA IC Ep:		**BF 128a In:**	
RCRA IC Gc:		**BF IC Code:**	U
RCRA IC ID:		**BF IC Gc I:**	U
RCRA IC Pr:		**BF IC Ep I:**	U
FF RCRA In:		**BF IC ID I:**	U
RCRA Ec Co:		**BF IC Pr I:**	U
RCRA IC Co:		**BF Assess1:**	
RCRA Gpra :		**BF Multipu:**	
RCRA Rem 2:		**BF Awp Ind:**	
RCRA Dru 1:		**BF Showcas:**	
SF Site ID:		**BF 128a P :**	
SF Ec Ind:		**Congressio:**	CA-43
SF El Gm C:		**Stimulus B:**	
Ind Name:			
Cat Name:	San Gabriel		
Sub Name:	San Gabriel		
Primary Name:	COCKATOO MIDDLE SCHOOL SITE-COCKATOO-APN 4047-001-020		
RCRA Drupa:			
Repow Ref :	https://cimc.epa.gov/ords/cimc/f?p=CIMC:REPOWER:::::P33_REF:21281		
Url:	https://obipublic11.epa.gov/analytics/saw.dll?PortalPages&Action=Navigate&col1=ACRES_GRANT_EXPORT.PROPERTY_ID&val1=%2211292.0%22&PortalPath=/shared/CIMC/_portal/CIMC&Page=Profile+Page		
Census Url:	https://ejscreen.epa.gov/mapper/demogreportpdf.aspx?report=census2010sf1&coords=-118.3524835%2C33.9308859&feattype=point&radius=1.0		
ACS Url:	https://ejscreen.epa.gov/mapper/demogreportpdf.aspx?report=acs2017&coords=-118.3524835%2C33.9308859&feattype=point&radius=1.0		

SAA Site:	
Sf Brac Ty:	
Sf Archive:	
Sf Ffdocke:	
Sf Npl C 3:	
Sf Npl C 2:	
Sf Npl C 1:	
SF Site Na:	
SF Non N 1:	
SF Non N 2:	
SF Non N 3:	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

SF Non Npl:	
BF Prope 1:	Cockatoo Middle School Site-Cockatoo-Apn 4047-002-015
RCRA Han 1:	
RCRA Rau I:	
REPOW BF:	SGB
REPOW Re 1:	RE-Powering Site Profile
REPOW Ref1:	21281

32	*10 of29*	*W*	*0.32 / 1,714.05*	*72.46 / 1*	***Cockatoo Middle School Site-Cockatoo-Apn 4047-001-016 HAWTHORNE BLVD & IMPERIAL HIGHWAY HAWTHORNE CA 90250***	***FED BROWNFIELDS***

Property ID:	11282	**County:**	LOS ANGELES
Lat Measure:	33.9308859	**Latitude (Map):**	33.9308859
Long Measure:	-118.3524835	**Longitude (Map):**	-118.3524835
Property Name:	Cockatoo Middle School Site-Cockatoo-Apn 4047-001-016		
Address:	HAWTHORNE BLVD & IMPERIAL HIGHWAY		
City:	HAWTHORNE		
State Code:	CA		
Zip Code:	90250		
Primary Name (Map):	COCKATOO MIDDLE SCHOOL SITE-COCKATOO-APN 4047-001-020		
Location Address (Map):	HAWTHORNE BLVD & IMPERIAL HIGHWAY		
City Name (Map):	HAWTHORNE		
County Name (Map):	LOS ANGELES		
State Code (Map):	CA		
Postal Code (Map):	90250		
Data Source:	Cleanups in My Community (CIMC) Cleanups and Grants Listing Export - Brownfield Properties; Cleanups in My Community (CIMC) Web Application - Brownfield Properties (Map)		

Property Details (Cleanups in My Community)

ID No:		**Size Acres:**	8.
NFA Letter Date:		**Parcel No:**	
Media Affected:		**Property Enrolled:**	
Media Cleaned Up:		**Radius:**	.5
Contaminants REC:		**Census Tract:**	06037602103
Contams Actionable:		**2010 # Below Poverty:**	4110.
Contams < Actionble:		**2010 Below Poverty:**	27.52
Contamnts Cleanup:		**2010 Median Income:**	14658.
Tanks Removal:		**2010 No Low Income:**	8022.
Cleanup Needed:	U	**2010 Low Income:**	53.72
Cleanup Treatment:		**2010 No Vacant Hous:**	248.
Excavation Disposl:		**2010 Vacant Housing:**	5.62
Contams Extractn:		**2010 # Unemployed:**	564.
Reduc Contams:		**2010 Unemployed:**	3.78
Additional Clnup:		**Tech Capping:**	
Institutional Cleanup:	U	**Secur Guard Fence:**	
Institutional Cleanup:		**Immobilization:**	
Engineering Needed:		**Eng Barriers:**	
Eng Control:		**Proprietary Cntrl:**	
Additnl Inst Control:		**Info Device:**	
Additnl Eng Control:		**Govt Cntrl:**	
Inst Control Date:		**Enf Permit Tool:**	
Eng Control Date:		**Clnup Struct Remov:**	
Property Alias:			
Property Owner:			
Address Source URL:			
Address Source URL:			
Address Source URL:			
Other:			

Activity Details(Cleanups in My Community)

Coop Agmt No:	n/a	**Redev Actvy Funded:**	
Program Name:		**Redev Start Dt:**	
Activity Funded:		**Redev Compl date:**	
Type CA Fund:	Hazardous	**Redev Fund Entity:**	
Funding Entity:	EPA	**Redev Residential:**	
Assessmnt Start Dt:	09/12/2001	**Redev Greenspace:**	
Assessmnt Compl Dt:	09/12/2001	**Redev Industrial:**	
Clnup Actvy Start Dt:		**Redev Commercial:**	
Clnup Actvy Comp Dt:		**# of Redev Jobs:**	
Acres Cleaned Up:		**RLF Signed Dt:**	
Clnup Funding Src:		**RLF Intest Rate:**	
Clnup Entity Provid:		**RLF EPA Fund:**	
Signed Rpt Dt:		**RLF Cost Share:**	
Direct Clnup Tot Fnd:		**RLF Prog Income:**	
Direct Clnup Fnd Src:		**RLF Lvg Fund Src:**	
Fund Amt Expnded:		**RLF Lvg Fund Entity:**	
Source of Funding:		**RLF Lvg Fund Amt:**	
Past Use Resiential:		**RLF Subgrant Signed:**	
Past Use Greenspace:		**Subgrant EPA Fund:**	
Past Use Industrial:		**Subgrant Cost Shr:**	
Past Use Commercial:			
Coop Agmt Recipnt:	R9 TBA - California (Pre-law Superfund TBA)		
Clnup Compet Doc2:			
Climate Adapt Mitg1:			
Climate Adapt Mitg2:			

Brownfields Details

Registry I:	110015335234	**SF El He C:**	
EPA ID:		**SF IC Ind:**	
EPA Region:	09	**SF NPL Cod:**	
Cat No:	18070106	**SF NPL C 1:**	
RCRA Handl:		**FF SF Ind:**	
RCRA Curre:		**Map Symbol:**	B
RCRA Remed:		**Data Refre:**	04-Feb-2024
RCRA Const:		**New Site:**	
RCRA El He:		**BF RLF Gra:**	
RCRA El Gm:		**BF RLF Pil:**	
RCRA Rem 1:		**BF Assess :**	
RCRA Ec Gw:		**BF Cleanup:**	
RCRA Ec Ng:		**BF Tba Ind:**	Y
RCRA IC Ep:		**BF 128a In:**	
RCRA IC Gc:		**BF IC Code:**	U
RCRA IC ID:		**BF IC Gc I:**	U
RCRA IC Pr:		**BF IC Ep I:**	U
FF RCRA In:		**BF IC ID I:**	U
RCRA Ec Co:		**BF IC Pr I:**	U
RCRA IC Co:		**BF Assess1:**	
RCRA Gpra :		**BF Multipu:**	
RCRA Rem 2:		**BF Awp Ind:**	
RCRA Dru 1:		**BF Showcas:**	
SF Site ID:		**BF 128a P :**	
SF Ec Ind:		**Congressio:**	CA-43
SF El Gm C:		**Stimulus B:**	
Ind Name:			
Cat Name:	San Gabriel		
Sub Name:	San Gabriel		
Primary Name:	COCKATOO MIDDLE SCHOOL SITE-COCKATOO-APN 4047-001-020		
RCRA Drupa:			
Repow Ref :	https://cimc.epa.gov/ords/cimc/f?p=CIMC:REPOWER:::::P33_REF:21280		
Url:	https://obipublic11.epa.gov/analytics/saw.dll?PortalPages&Action=Navigate&col1=ACRES_GRANT_EXPORT.PROPERTY_ID&val1=%2211282.0%22&PortalPath=/shared/CIMC/_portal/CIMC&Page=Profile+Page		
Census Url:	https://ejscreen.epa.gov/mapper/demogreportpdf.aspx?report=census2010sf1&coords=-118.3524835%2C33.9308859&feattype=point&radius=1.0		
ACS Url:	https://ejscreen.epa.gov/mapper/demogreportpdf.aspx?report=acs2017&coords=-118.3524835%2C33.9308859&feattype=point&radius=1.0		

SAA Site:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Sf Brac Ty:	
Sf Archive:	
Sf Ffdocke:	
Sf Npl C 3:	
Sf Npl C 2:	
Sf Npl C 1:	
SF Site Na:	
SF Non N 1:	
SF Non N 2:	
SF Non N 3:	
SF Non Npl:	
BF Prope 1:	Cockatoo Middle School Site-Cockatoo-Apn 4047-001-016
RCRA Han 1:	
RCRA Rau I:	
REPOW BF:	SGB
REPOW Re 1:	RE-Powering Site Profile
REPOW Ref1:	21280

32	11 of29	W	0.32 / 1,714.05	72.46 / 1	**Cockatoo Middle School Site-Cockatoo-Apn 4047-002-019** **HAWTHORNE BLVD & IMPERIAL HIGHWAY** **HAWTHORNE CA 90250**	**FED BROWNFIELDS**

Property ID:	11296	**County:**	LOS ANGELES
Lat Measure:	33.9308859	**Latitude (Map):**	33.9308859
Long Measure:	-118.3524835	**Longitude (Map):**	-118.3524835

Property Name:	Cockatoo Middle School Site-Cockatoo-Apn 4047-002-019
Address:	HAWTHORNE BLVD & IMPERIAL HIGHWAY
City:	HAWTHORNE
State Code:	CA
Zip Code:	90250
Primary Name (Map):	COCKATOO MIDDLE SCHOOL SITE-COCKATOO-APN 4047-001-020
Location Address (Map):	HAWTHORNE BLVD & IMPERIAL HIGHWAY
City Name (Map):	HAWTHORNE
County Name (Map):	LOS ANGELES
State Code (Map):	CA
Postal Code (Map):	90250
Data Source:	Cleanups in My Community (CIMC) Cleanups and Grants Listing Export - Brownfield Properties; Cleanups in My Community (CIMC) Web Application - Brownfield Properties (Map)

Property Details (Cleanups in My Community)

ID No:		**Size Acres:**	8.
NFA Letter Date:		**Parcel No:**	
Media Affected:		**Property Enrolled:**	
Media Cleaned Up:		**Radius:**	.5
Contaminants REC:		**Census Tract:**	06037602103
Contams Actionable:		**2010 # Below Poverty:**	4110.
Contams < Actionble:		**2010 Below Poverty:**	27.52
Contamnts Cleanup:		**2010 Median Income:**	14658.
Tanks Removal:		**2010 No Low Income:**	8022.
Cleanup Needed:	U	**2010 Low Income:**	53.72
Cleanup Treatment:		**2010 No Vacant Hous:**	248.
Excavation Disposl:		**2010 Vacant Housing:**	5.62
Contams Extractn:		**2010 # Unemployed:**	564.
Reduc Contams:		**2010 Unemployed:**	3.78
Additional Clnup:		**Tech Capping:**	
Institutional Cleanup:	U	**Secur Guard Fence:**	
Institutional Cleanup:		**Immobilization:**	
Engineering Needed:		**Eng Barriers:**	
Eng Control:		**Proprietary Cntrl:**	
Additnl Inst Control:		**Info Device:**	
Additnl Eng Control:		**Govt Cntrl:**	
Inst Control Date:		**Enf Permit Tool:**	
Eng Control Date:		**Clnup Struct Remov:**	

Property Alias:
Property Owner:
Address Source URL:
Address Source URL:
Address Source URL:
Other:

Activity Details(Cleanups in My Community)

Coop Agmt No:	n/a	***Redev Actvy Funded:***	
Program Name:		***Redev Start Dt:***	
Activity Funded:		***Redev Compl date:***	
Type CA Fund:	Hazardous	***Redev Fund Entity:***	
Funding Entity:	EPA	***Redev Residential:***	
Assessmnt Start Dt:	09/12/2001	***Redev Greenspace:***	
Assessmnt Compl Dt:	09/12/2001	***Redev Industrial:***	
Clnup Actvy Start Dt:		***Redev Commercial:***	
Clnup Actvy Comp Dt:		***# of Redev Jobs:***	
Acres Cleaned Up:		***RLF Signed Dt:***	
Clnup Funding Src:		***RLF Intest Rate:***	
Clnup Entity Provid:		***RLF EPA Fund:***	
Signed Rpt Dt:		***RLF Cost Share:***	
Direct Clnup Tot Fnd:		***RLF Prog Income:***	
Direct Clnup Fnd Src:		***RLF Lvg Fund Src:***	
Fund Amt Expnded:		***RLF Lvg Fund Entity:***	
Source of Funding:		***RLF Lvg Fund Amt:***	
Past Use Resiential:		***RLF Subgrant Signed:***	
Past Use Greenspace:		***Subgrant EPA Fund:***	
Past Use Industrial:		***Subgrant Cost Shr:***	
Past Use Commercial:			
Coop Agmt Recipnt:	R9 TBA - California (Pre-law Superfund TBA)		
Clnup Compet Doc2:			
Climate Adapt Mitg1:			
Climate Adapt Mitg2:			

Brownfields Details

Registry I:	110015335234	***SF El He C:***	
EPA ID:		***SF IC Ind:***	
EPA Region:	09	***SF NPL Cod:***	
Cat No:	18070106	***SF NPL C 1:***	
RCRA Handl:		***FF SF Ind:***	
RCRA Curre:		***Map Symbol:***	B
RCRA Remed:		***Data Refre:***	04-Feb-2024
RCRA Const:		***New Site:***	
RCRA El He:		***BF RLF Gra:***	
RCRA El Gm:		***BF RLF Pil:***	
RCRA Rem 1:		***BF Assess :***	
RCRA Ec Gw:		***BF Cleanup:***	
RCRA Ec Ng:		***BF Tba Ind:***	Y
RCRA IC Ep:		***BF 128a In:***	
RCRA IC Gc:		***BF IC Code:***	U
RCRA IC ID:		***BF IC Gc I:***	U
RCRA IC Pr:		***BF IC Ep I:***	U
FF RCRA In:		***BF IC ID I:***	U
RCRA Ec Co:		***BF IC Pr I:***	U
RCRA IC Co:		***BF Assess1:***	
RCRA Gpra :		***BF Multipu:***	
RCRA Rem 2:		***BF Awp Ind:***	
RCRA Dru 1:		***BF Showcas:***	
SF Site ID:		***BF 128a P :***	
SF Ec Ind:		***Congressio:***	CA-43
SF El Gm C:		***Stimulus B:***	
Ind Name:			
Cat Name:	San Gabriel		
Sub Name:	San Gabriel		
Primary Name:	COCKATOO MIDDLE SCHOOL SITE-COCKATOO-APN 4047-001-020		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

RCRA Drupa:	
Repow Ref :	https://cimc.epa.gov/ords/cimc/f?p=CIMC:REPOWER:::::P33_REF:24702
Url:	https://obipublic11.epa.gov/analytics/saw.dll?PortalPages&Action=Navigate&col1=ACRES_GRANT_EXPORT.PROPERTY_ID&val1=%2211296.0%22&PortalPath=/shared/CIMC/_portal/CIMC&Page=Profile+Page
Census Url:	https://ejscreen.epa.gov/mapper/demogreportpdf.aspx?report=census2010sf1&coords=-118.3524835%2C33.9308859&feattype=point&radius=1.0
ACS Url:	https://ejscreen.epa.gov/mapper/demogreportpdf.aspx?report=acs2017&coords=-118.3524835%2C33.9308859&feattype=point&radius=1.0
SAA Site:	
Sf Brac Ty:	
Sf Archive:	
Sf Ffdocke:	
Sf Npl C 3:	
Sf Npl C 2:	
Sf Npl C 1:	
SF Site Na:	
SF Non N 1:	
SF Non N 2:	
SF Non N 3:	
SF Non Npl:	
BF Prope 1:	Cockatoo Middle School Site-Cockatoo-Apn 4047-002-019
RCRA Han 1:	
RCRA Rau I:	
REPOW BF:	SGB
REPOW Re 1:	RE-Powering Site Profile
REPOW Ref1:	24702

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
32	12 of29	W	0.32 / 1,714.05	72.46 / 1	Cockatoo Middle School Site-Cockatoo-Apn 4047-001-001 HAWTHORNE BLVD & IMPERIAL HIGHWAY HAWTHORNE CA 90250	FED BROWNFIELDS

Property ID:	11275	**County:**	LOS ANGELES
Lat Measure:	33.9308859	**Latitude (Map):**	33.9308859
Long Measure:	-118.3524835	**Longitude (Map):**	-118.3524835
Property Name:	Cockatoo Middle School Site-Cockatoo-Apn 4047-001-001		
Address:	HAWTHORNE BLVD & IMPERIAL HIGHWAY		
City:	HAWTHORNE		
State Code:	CA		
Zip Code:	90250		
Primary Name (Map):	COCKATOO MIDDLE SCHOOL SITE-COCKATOO-APN 4047-001-020		
Location Address (Map):	HAWTHORNE BLVD & IMPERIAL HIGHWAY		
City Name (Map):	HAWTHORNE		
County Name (Map):	LOS ANGELES		
State Code (Map):	CA		
Postal Code (Map):	90250		
Data Source:	Cleanups in My Community (CIMC) Cleanups and Grants Listing Export - Brownfield Properties; Cleanups in My Community (CIMC) Web Application - Brownfield Properties (Map)		

Property Details (Cleanups in My Community)

ID No:		**Size Acres:**	8.
NFA Letter Date:		**Parcel No:**	
Media Affected:		**Property Enrolled:**	
Media Cleaned Up:		**Radius:**	.5
Contaminants REC:		**Census Tract:**	06037602103
Contams Actionable:		**2010 # Below Poverty:**	4110.
Contams < Actionble:		**2010 Below Poverty:**	27.52
Contamnts Cleanup:		**2010 Median Income:**	14658.
Tanks Removal:		**2010 No Low Income:**	8022.
Cleanup Needed:	U	**2010 Low Income:**	53.72
Cleanup Treatment:		**2010 No Vacant Hous:**	248.
Excavation Disposl:		**2010 Vacant Housing:**	5.62
Contams Extractn:		**2010 # Unemployed:**	564.

Reduc Contams:		***2010 Unemployed:***	3.78
Additional Clnup:		***Tech Capping:***	
Institutional Cleanup:	U	***Secur Guard Fence:***	
Institutional Cleanup:		***Immobilization:***	
Engineering Needed:		***Eng Barriers:***	
Eng Control:		***Proprietary Cntrl:***	
Additnl Inst Control:		***Info Device:***	
Additnl Eng Control:		***Govt Cntrl:***	
Inst Control Date:		***Enf Permit Tool:***	
Eng Control Date:		***Clnup Struct Remov:***	
Property Alias:			
Property Owner:			
Address Source URL:			
Address Source URL:			
Address Source URL:			
Other:			

Activity Details(Cleanups in My Community)

Coop Agmt No:	n/a	***Redev Actvy Funded:***	
Program Name:		***Redev Start Dt:***	
Activity Funded:		***Redev Compl date:***	
Type CA Fund:	Hazardous	***Redev Fund Entity:***	
Funding Entity:	EPA	***Redev Residential:***	
Assessmnt Start Dt:	09/12/2001	***Redev Greenspace:***	
Assessmnt Compl Dt:	09/12/2001	***Redev Industrial:***	
Clnup Actvy Start Dt:		***Redev Commercial:***	
Clnup Actvy Comp Dt:		***# of Redev Jobs:***	
Acres Cleaned Up:		***RLF Signed Dt:***	
Clnup Funding Src:		***RLF Intest Rate:***	
Clnup Entity Provid:		***RLF EPA Fund:***	
Signed Rpt Dt:		***RLF Cost Share:***	
Direct Clnup Tot Fnd:		***RLF Prog Income:***	
Direct Clnup Fnd Src:		***RLF Lvg Fund Src:***	
Fund Amt Expnded:		***RLF Lvg Fund Entity:***	
Source of Funding:		***RLF Lvg Fund Amt:***	
Past Use Resiential:		***RLF Subgrant Signed:***	
Past Use Greenspace:		***Subgrant EPA Fund:***	
Past Use Industrial:		***Subgrant Cost Shr:***	
Past Use Commercial:			
Coop Agmt Recipnt:	R9 TBA - California (Pre-law Superfund TBA)		
Clnup Compet Doc2:			
Climate Adapt Mitg1:			
Climate Adapt Mitg2:			

Brownfields Details

Registry I:	110015335234	***SF El He C:***	
EPA ID:		***SF IC Ind:***	
EPA Region:	09	***SF NPL Cod:***	
Cat No:	18070106	***SF NPL C 1:***	
RCRA Handl:		***FF SF Ind:***	
RCRA Curre:		***Map Symbol:***	B
RCRA Remed:		***Data Refre:***	04-Feb-2024
RCRA Const:		***New Site:***	
RCRA El He:		***BF RLF Gra:***	
RCRA El Gm:		***BF RLF Pil:***	
RCRA Rem 1:		***BF Assess :***	
RCRA Ec Gw:		***BF Cleanup:***	
RCRA Ec Ng:		***BF Tba Ind:***	Y
RCRA IC Ep:		***BF 128a In:***	
RCRA IC Gc:		***BF IC Code:***	U
RCRA IC ID:		***BF IC Gc I:***	U
RCRA IC Pr:		***BF IC Ep I:***	U
FF RCRA In:		***BF IC ID I:***	U
RCRA Ec Co:		***BF IC Pr I:***	U
RCRA IC Co:		***BF Assess1:***	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

RCRA Gpra :		**BF Multipu:**	
RCRA Rem 2:		**BF Awp Ind:**	
RCRA Dru 1:		**BF Showcas:**	
SF Site ID:		**BF 128a P :**	
SF Ec Ind:		**Congressio:**	CA-43
SF El Gm C:		**Stimulus B:**	
Ind Name:			
Cat Name:	San Gabriel		
Sub Name:	San Gabriel		
Primary Name:	COCKATOO MIDDLE SCHOOL SITE-COCKATOO-APN 4047-001-020		
RCRA Drupa:			
Repow Ref :	https://cimc.epa.gov/ords/cimc/f?p=CIMC:REPOWER:::::P33_REF:11520		
Url:	https://obipublic11.epa.gov/analytics/saw.dll?PortalPages&Action=Navigate&col1=ACRES_GRANT_EXPORT.PROPERTY_ID&val1=%2211275.0%22&PortalPath=/shared/CIMC/_portal/CIMC&Page=Profile+Page		
Census Url:	https://ejscreen.epa.gov/mapper/demogreportpdf.aspx?report=census2010sf1&coords=-118.3524835%2C33.9308859&feattype=point&radius=1.0		
ACS Url:	https://ejscreen.epa.gov/mapper/demogreportpdf.aspx?report=acs2017&coords=-118.3524835%2C33.9308859&feattype=point&radius=1.0		
SAA Site:			
Sf Brac Ty:			
Sf Archive:			
Sf Ffdocke:			
Sf Npl C 3:			
Sf Npl C 2:			
Sf Npl C 1:			
SF Site Na:			
SF Non N 1:			
SF Non N 2:			
SF Non N 3:			
SF Non Npl:			
BF Prope 1:	Cockatoo Middle School Site-Cockatoo-Apn 4047-001-001		
RCRA Han 1:			
RCRA Rau I:			
REPOW BF:	SGB		
REPOW Re 1:	RE-Powering Site Profile		
REPOW Ref1:	11520		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
32	13 of29	W	0.32 / 1,714.05	72.46 / 1	Cockatoo Middle School Site-Cockatoo-Apn 4047-002-005 HAWTHORNE BLVD & IMPERIAL HIGHWAY HAWTHORNE CA 90250	FED BROWNFIELDS

Property ID:	11287	**County:**	LOS ANGELES
Lat Measure:	33.9308859	**Latitude (Map):**	33.9308859
Long Measure:	-118.3524835	**Longitude (Map):**	-118.3524835
Property Name:	Cockatoo Middle School Site-Cockatoo-Apn 4047-002-005		
Address:	HAWTHORNE BLVD & IMPERIAL HIGHWAY		
City:	HAWTHORNE		
State Code:	CA		
Zip Code:	90250		
Primary Name (Map):	COCKATOO MIDDLE SCHOOL SITE-COCKATOO-APN 4047-001-020		
Location Address (Map):	HAWTHORNE BLVD & IMPERIAL HIGHWAY		
City Name (Map):	HAWTHORNE		
County Name (Map):	LOS ANGELES		
State Code (Map):	CA		
Postal Code (Map):	90250		
Data Source:	Cleanups in My Community (CIMC) Cleanups and Grants Listing Export - Brownfield Properties; Cleanups in My Community (CIMC) Web Application - Brownfield Properties (Map)		

Property Details (Cleanups in My Community)

ID No:		**Size Acres:**	8.
NFA Letter Date:		**Parcel No:**	
Media Affected:		**Property Enrolled:**	

Media Cleaned Up:		***Radius:***	.5
Contaminants REC:		***Census Tract:***	06037602103
Contams Actionable:		***2010 # Below Poverty:***	4110.
Contams < Actionble:		***2010 Below Poverty:***	27.52
Contamnts Cleanup:		***2010 Median Income:***	14658.
Tanks Removal:		***2010 No Low Income:***	8022.
Cleanup Needed:	U	***2010 Low Income:***	53.72
Cleanup Treatment:		***2010 No Vacant Hous:***	248.
Excavation Disposl:		***2010 Vacant Housing:***	5.62
Contams Extractn:		***2010 # Unemployed:***	564.
Reduc Contams:		***2010 Unemployed:***	3.78
Additional Clnup:		***Tech Capping:***	
Institutional Cleanup:	U	***Secur Guard Fence:***	
Institutional Cleanup:		***Immobilization:***	
Engineering Needed:		***Eng Barriers:***	
Eng Control:		***Proprietary Cntrl:***	
Additnl Inst Control:		***Info Device:***	
Additnl Eng Control:		***Govt Cntrl:***	
Inst Control Date:		***Enf Permit Tool:***	
Eng Control Date:		***Clnup Struct Remov:***	
Property Alias:			
Property Owner:			
Address Source URL:			
Address Source URL:			
Address Source URL:			
Other:			

Activity Details(Cleanups in My Community)

Coop Agmt No:	n/a	***Redev Actvy Funded:***	
Program Name:		***Redev Start Dt:***	
Activity Funded:		***Redev Compl date:***	
Type CA Fund:	Hazardous	***Redev Fund Entity:***	
Funding Entity:	EPA	***Redev Residential:***	
Assessmnt Start Dt:	09/12/2001	***Redev Greenspace:***	
Assessmnt Compl Dt:	09/12/2001	***Redev Industrial:***	
Clnup Actvy Start Dt:		***Redev Commercial:***	
Clnup Actvy Comp Dt:		***# of Redev Jobs:***	
Acres Cleaned Up:		***RLF Signed Dt:***	
Clnup Funding Src:		***RLF Intest Rate:***	
Clnup Entity Provid:		***RLF EPA Fund:***	
Signed Rpt Dt:		***RLF Cost Share:***	
Direct Clnup Tot Fnd:		***RLF Prog Income:***	
Direct Clnup Fnd Src:		***RLF Lvg Fund Src:***	
Fund Amt Expnded:		***RLF Lvg Fund Entity:***	
Source of Funding:		***RLF Lvg Fund Amt:***	
Past Use Resiential:		***RLF Subgrant Signed:***	
Past Use Greenspace:		***Subgrant EPA Fund:***	
Past Use Industrial:		***Subgrant Cost Shr:***	
Past Use Commercial:			
Coop Agmt Recipnt:	R9 TBA - California (Pre-law Superfund TBA)		
Clnup Compet Doc2:			
Climate Adapt Mitg1:			
Climate Adapt Mitg2:			

Brownfields Details

Registry I:	110015335234	***SF El He C:***	
EPA ID:		***SF IC Ind:***	
EPA Region:	09	***SF NPL Cod:***	
Cat No:	18070106	***SF NPL C 1:***	
RCRA Handl:		***FF SF Ind:***	
RCRA Curre:		***Map Symbol:***	B
RCRA Remed:		***Data Refre:***	04-Feb-2024
RCRA Const:		***New Site:***	
RCRA El He:		***BF RLF Gra:***	
RCRA El Gm:		***BF RLF Pil:***	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

RCRA Rem 1:		**BF Assess :**	
RCRA Ec Gw:		**BF Cleanup:**	
RCRA Ec Ng:		**BF Tba Ind:**	Y
RCRA IC Ep:		**BF 128a In:**	
RCRA IC Gc:		**BF IC Code:**	U
RCRA IC ID:		**BF IC Gc I:**	U
RCRA IC Pr:		**BF IC Ep I:**	U
FF RCRA In:		**BF IC ID I:**	U
RCRA Ec Co:		**BF IC Pr I:**	U
RCRA IC Co:		**BF Assess1:**	
RCRA Gpra :		**BF Multipu:**	
RCRA Rem 2:		**BF Awp Ind:**	
RCRA Dru 1:		**BF Showcas:**	
SF Site ID:		**BF 128a P :**	
SF Ec Ind:		**Congressio:**	CA-43
SF El Gm C:		**Stimulus B:**	

Ind Name:
Cat Name: San Gabriel
Sub Name: San Gabriel
Primary Name: COCKATOO MIDDLE SCHOOL SITE-COCKATOO-APN 4047-001-020
RCRA Drupa:
Repow Ref : https://cimc.epa.gov/ords/cimc/f?p=CIMC:REPOWER:::::P33_REF:27941
Url: https://obipublic11.epa.gov/analytics/saw.dll?PortalPages&Action=Navigate&col1=ACRES_GRANT_EXPORT.PROPERTY_ID&val1=%2211287.0%22&PortalPath=/shared/CIMC/_portal/CIMC&Page=Profile+Page
Census Url: https://ejscreen.epa.gov/mapper/demogreportpdf.aspx?report=census2010sf1&coords=-118.3524835%2C33.9308859&feattype=point&radius=1.0
ACS Url: https://ejscreen.epa.gov/mapper/demogreportpdf.aspx?report=acs2017&coords=-118.3524835%2C33.9308859&feattype=point&radius=1.0

SAA Site:
Sf Brac Ty:
Sf Archive:
Sf Ffdocke:
Sf Npl C 3:
Sf Npl C 2:
Sf Npl C 1:
SF Site Na:
SF Non N 1:
SF Non N 2:
SF Non N 3:
SF Non Npl:
BF Prope 1: Cockatoo Middle School Site-Cockatoo-Apn 4047-002-005
RCRA Han 1:
RCRA Rau I:
REPOW BF: SGB
REPOW Re 1: RE-Powering Site Profile
REPOW Ref1: 27941

32	*14 of29*	*W*	*0.32 / 1,714.05*	*72.46 / 1*	***Cockatoo Middle School Site-Cockatoo-Apn 4047-0021-010 HAWTHORNE BLVD & IMPERIAL HIGHWAY HAWTHORNE CA 90250***	***FED BROWNFIELDS***

Property ID:	11300	**County:**	LOS ANGELES
Lat Measure:	33.9308859	**Latitude (Map):**	33.9308859
Long Measure:	-118.3524835	**Longitude (Map):**	-118.3524835

Property Name: Cockatoo Middle School Site-Cockatoo-Apn 4047-0021-010
Address: HAWTHORNE BLVD & IMPERIAL HIGHWAY
City: HAWTHORNE
State Code: CA
Zip Code: 90250
Primary Name (Map): COCKATOO MIDDLE SCHOOL SITE-COCKATOO-APN 4047-001-020
Location Address (Map): HAWTHORNE BLVD & IMPERIAL HIGHWAY
City Name (Map): HAWTHORNE
County Name (Map): LOS ANGELES
State Code (Map): CA

Postal Code (Map): 90250
Data Source: Cleanups in My Community (CIMC) Cleanups and Grants Listing Export - Brownfield Properties; Cleanups in My Community (CIMC) Web Application - Brownfield Properties (Map)

Property Details (Cleanups in My Community)

ID No:		**Size Acres:**	8.
NFA Letter Date:		**Parcel No:**	
Media Affected:		**Property Enrolled:**	
Media Cleaned Up:		**Radius:**	.5
Contaminants REC:		**Census Tract:**	06037602103
Contams Actionable:		**2010 # Below Poverty:**	4110.
Contams < Actionble:		**2010 Below Poverty:**	27.52
Contamnts Cleanup:		**2010 Median Income:**	14658.
Tanks Removal:		**2010 No Low Income:**	8022.
Cleanup Needed:	U	**2010 Low Income:**	53.72
Cleanup Treatment:		**2010 No Vacant Hous:**	248.
Excavation Disposl:		**2010 Vacant Housing:**	5.62
Contams Extractn:		**2010 # Unemployed:**	564.
Reduc Contams:		**2010 Unemployed:**	3.78
Additional Clnup:		**Tech Capping:**	
Institutional Cleanup:	U	**Secur Guard Fence:**	
Institutional Cleanup:		**Immobilization:**	
Engineering Needed:		**Eng Barriers:**	
Eng Control:		**Proprietary Cntrl:**	
Additnl Inst Control:		**Info Device:**	
Additnl Eng Control:		**Govt Cntrl:**	
Inst Control Date:		**Enf Permit Tool:**	
Eng Control Date:		**Clnup Struct Remov:**	
Property Alias:			
Property Owner:			
Address Source URL:			
Address Source URL:			
Address Source URL:			
Other:			

Activity Details(Cleanups in My Community)

Coop Agmt No:	n/a	**Redev Actvy Funded:**	
Program Name:		**Redev Start Dt:**	
Activity Funded:		**Redev Compl date:**	
Type CA Fund:	Hazardous	**Redev Fund Entity:**	
Funding Entity:	EPA	**Redev Residential:**	
Assessmnt Start Dt:	09/12/2001	**Redev Greenspace:**	
Assessmnt Compl Dt:	09/12/2001	**Redev Industrial:**	
Clnup Actvy Start Dt:		**Redev Commercial:**	
Clnup Actvy Comp Dt:		**# of Redev Jobs:**	
Acres Cleaned Up:		**RLF Signed Dt:**	
Clnup Funding Src:		**RLF Intest Rate:**	
Clnup Entity Provid:		**RLF EPA Fund:**	
Signed Rpt Dt:		**RLF Cost Share:**	
Direct Clnup Tot Fnd:		**RLF Prog Income:**	
Direct Clnup Fnd Src:		**RLF Lvg Fund Src:**	
Fund Amt Expnded:		**RLF Lvg Fund Entity:**	
Source of Funding:		**RLF Lvg Fund Amt:**	
Past Use Resiential:		**RLF Subgrant Signed:**	
Past Use Greenspace:		**Subgrant EPA Fund:**	
Past Use Industrial:		**Subgrant Cost Shr:**	
Past Use Commercial:			
Coop Agmt Recipnt:	R9 TBA - California (Pre-law Superfund TBA)		
Clnup Compet Doc2:			
Climate Adapt Mitg1:			
Climate Adapt Mitg2:			

Brownfields Details

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Registry I:	110015335234	**SF El He C:**	
EPA ID:		**SF IC Ind:**	
EPA Region:	09	**SF NPL Cod:**	
Cat No:	18070106	**SF NPL C 1:**	
RCRA Handl:		**FF SF Ind:**	
RCRA Curre:		**Map Symbol:**	B
RCRA Remed:		**Data Refre:**	04-Feb-2024
RCRA Const:		**New Site:**	
RCRA El He:		**BF RLF Gra:**	
RCRA El Gm:		**BF RLF Pil:**	
RCRA Rem 1:		**BF Assess :**	
RCRA Ec Gw:		**BF Cleanup:**	
RCRA Ec Ng:		**BF Tba Ind:**	Y
RCRA IC Ep:		**BF 128a In:**	
RCRA IC Gc:		**BF IC Code:**	U
RCRA IC ID:		**BF IC Gc I:**	U
RCRA IC Pr:		**BF IC Ep I:**	U
FF RCRA In:		**BF IC ID I:**	U
RCRA Ec Co:		**BF IC Pr I:**	U
RCRA IC Co:		**BF Assess1:**	
RCRA Gpra :		**BF Multipu:**	
RCRA Rem 2:		**BF Awp Ind:**	
RCRA Dru 1:		**BF Showcas:**	
SF Site ID:		**BF 128a P :**	
SF Ec Ind:		**Congressio:**	CA-43
SF El Gm C:		**Stimulus B:**	
Ind Name:			

Cat Name: San Gabriel
Sub Name: San Gabriel
Primary Name: COCKATOO MIDDLE SCHOOL SITE-COCKATOO-APN 4047-001-020
RCRA Drupa:
Repow Ref : https://cimc.epa.gov/ords/cimc/f?p=CIMC:REPOWER:::::P33_REF:11533
Url: https://obipublic11.epa.gov/analytics/saw.dll?PortalPages&Action=Navigate&col1=ACRES_GRANT_EXPORT.PROPERTY_ID&val1=%2211300.0%22&PortalPath=/shared/CIMC/_portal/CIMC&Page=Profile+Page
Census Url: https://ejscreen.epa.gov/mapper/demogreportpdf.aspx?report=census2010sf1&coords=-118.3524835%2C33.9308859&feattype=point&radius=1.0
ACS Url: https://ejscreen.epa.gov/mapper/demogreportpdf.aspx?report=acs2017&coords=-118.3524835%2C33.9308859&feattype=point&radius=1.0

SAA Site:
Sf Brac Ty:
Sf Archive:
Sf Ffdocke:
Sf Npl C 3:
Sf Npl C 2:
Sf Npl C 1:
SF Site Na:
SF Non N 1:
SF Non N 2:
SF Non N 3:
SF Non Npl:
BF Prope 1: Cockatoo Middle School Site-Cockatoo-Apn 4047-0021-010
RCRA Han 1:
RCRA Rau I:
REPOW BF: SGB
REPOW Re 1: RE-Powering Site Profile
REPOW Ref1: 11533

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
32	15 of29	W	0.32 / 1,714.05	72.46 / 1	Cockatoo Middle School Site-Cockatoo-Apn 4047-002-011 HAWTHORNE BLVD & IMPERIAL HIGHWAY HAWTHORNE CA 90250	FED BROWNFIELDS

Property ID:	11299	**County:**	LOS ANGELES
Lat Measure:	33.9308859	**Latitude (Map):**	33.9308859
Long Measure:	-118.3524835	**Longitude (Map):**	-118.3524835

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Property Name:	Cockatoo Middle School Site-Cockatoo-Apn 4047-002-011
Address:	HAWTHORNE BLVD & IMPERIAL HIGHWAY
City:	HAWTHORNE
State Code:	CA
Zip Code:	90250
Primary Name (Map):	COCKATOO MIDDLE SCHOOL SITE-COCKATOO-APN 4047-001-020
Location Address (Map):	HAWTHORNE BLVD & IMPERIAL HIGHWAY
City Name (Map):	HAWTHORNE
County Name (Map):	LOS ANGELES
State Code (Map):	CA
Postal Code (Map):	90250
Data Source:	Cleanups in My Community (CIMC) Cleanups and Grants Listing Export - Brownfield Properties; Cleanups in My Community (CIMC) Web Application - Brownfield Properties (Map)

Property Details (Cleanups in My Community)

ID No:		**Size Acres:**	8.
NFA Letter Date:		**Parcel No:**	
Media Affected:		**Property Enrolled:**	
Media Cleaned Up:		**Radius:**	.5
Contaminants REC:		**Census Tract:**	06037602103
Contams Actionable:		**2010 # Below Poverty:**	4110.
Contams < Actionble:		**2010 Below Poverty:**	27.52
Contamnts Cleanup:		**2010 Median Income:**	14658.
Tanks Removal:		**2010 No Low Income:**	8022.
Cleanup Needed:	U	**2010 Low Income:**	53.72
Cleanup Treatment:		**2010 No Vacant Hous:**	248.
Excavation Disposl:		**2010 Vacant Housing:**	5.62
Contams Extractn:		**2010 # Unemployed:**	564.
Reduc Contams:		**2010 Unemployed:**	3.78
Additional Clnup:		**Tech Capping:**	
Institutional Cleanup:	U	**Secur Guard Fence:**	
Institutional Cleanup:		**Immobilization:**	
Engineering Needed:		**Eng Barriers:**	
Eng Control:		**Proprietary Cntrl:**	
Additnl Inst Control:		**Info Device:**	
Additnl Eng Control:		**Govt Cntrl:**	
Inst Control Date:		**Enf Permit Tool:**	
Eng Control Date:		**Clnup Struct Remov:**	
Property Alias:			
Property Owner:			
Address Source URL:			
Address Source URL:			
Address Source URL:			
Other:			

Activity Details(Cleanups in My Community)

Coop Agmt No:	n/a	**Redev Actvy Funded:**	
Program Name:		**Redev Start Dt:**	
Activity Funded:		**Redev Compl date:**	
Type CA Fund:	Hazardous	**Redev Fund Entity:**	
Funding Entity:	EPA	**Redev Residential:**	
Assessmnt Start Dt:	09/12/2001	**Redev Greenspace:**	
Assessmnt Compl Dt:	09/12/2001	**Redev Industrial:**	
Clnup Actvy Start Dt:		**Redev Commercial:**	
Clnup Actvy Comp Dt:		**# of Redev Jobs:**	
Acres Cleaned Up:		**RLF Signed Dt:**	
Clnup Funding Src:		**RLF Intest Rate:**	
Clnup Entity Provid:		**RLF EPA Fund:**	
Signed Rpt Dt:		**RLF Cost Share:**	
Direct Clnup Tot Fnd:		**RLF Prog Income:**	
Direct Clnup Fnd Src:		**RLF Lvg Fund Src:**	
Fund Amt Expnded:		**RLF Lvg Fund Entity:**	
Source of Funding:		**RLF Lvg Fund Amt:**	
Past Use Resiential:		**RLF Subgrant Signed:**	
Past Use Greenspace:		**Subgrant EPA Fund:**	

Past Use Industrial:		**Subgrant Cost Shr:**	
Past Use Commercial:			
Coop Agmt Recipnt:	R9 TBA - California (Pre-law Superfund TBA)		
Clnup Compet Doc2:			
Climate Adapt Mitg1:			
Climate Adapt Mitg2:			

Brownfields Details

Registry I:	110015335234	**SF El He C:**	
EPA ID:		**SF IC Ind:**	
EPA Region:	09	**SF NPL Cod:**	
Cat No:	18070106	**SF NPL C 1:**	
RCRA Handl:		**FF SF Ind:**	
RCRA Curre:		**Map Symbol:**	B
RCRA Remed:		**Data Refre:**	04-Feb-2024
RCRA Const:		**New Site:**	
RCRA El He:		**BF RLF Gra:**	
RCRA El Gm:		**BF RLF Pil:**	
RCRA Rem 1:		**BF Assess :**	
RCRA Ec Gw:		**BF Cleanup:**	
RCRA Ec Ng:		**BF Tba Ind:**	Y
RCRA IC Ep:		**BF 128a In:**	
RCRA IC Gc:		**BF IC Code:**	U
RCRA IC ID:		**BF IC Gc I:**	U
RCRA IC Pr:		**BF IC Ep I:**	U
FF RCRA In:		**BF IC ID I:**	U
RCRA Ec Co:		**BF IC Pr I:**	U
RCRA IC Co:		**BF Assess1:**	
RCRA Gpra :		**BF Multipu:**	
RCRA Rem 2:		**BF Awp Ind:**	
RCRA Dru 1:		**BF Showcas:**	
SF Site ID:		**BF 128a P :**	
SF Ec Ind:		**Congressio:**	CA-43
SF El Gm C:		**Stimulus B:**	
Ind Name:			
Cat Name:	San Gabriel		
Sub Name:	San Gabriel		
Primary Name:	COCKATOO MIDDLE SCHOOL SITE-COCKATOO-APN 4047-001-020		
RCRA Drupa:			
Repow Ref :	https://cimc.epa.gov/ords/cimc/f?p=CIMC:REPOWER:::::P33_REF:31244		
Url:	https://obipublic11.epa.gov/analytics/saw.dll?PortalPages&Action=Navigate&col1=ACRES_GRANT_EXPORT.PROPERTY_ID&val1=%2211299.0%22&PortalPath=/shared/CIMC/_portal/CIMC&Page=Profile+Page		
Census Url:	https://ejscreen.epa.gov/mapper/demogreportpdf.aspx?report=census2010sf1&coords=-118.3524835%2C33.9308859&feattype=point&radius=1.0		
ACS Url:	https://ejscreen.epa.gov/mapper/demogreportpdf.aspx?report=acs2017&coords=-118.3524835%2C33.9308859&feattype=point&radius=1.0		

SAA Site:	
Sf Brac Ty:	
Sf Archive:	
Sf Ffdocke:	
Sf Npl C 3:	
Sf Npl C 2:	
Sf Npl C 1:	
SF Site Na:	
SF Non N 1:	
SF Non N 2:	
SF Non N 3:	
SF Non Npl:	
BF Prope 1:	Cockatoo Middle School Site-Cockatoo-Apn 4047-002-011
RCRA Han 1:	
RCRA Rau I:	
REPOW BF:	SGB
REPOW Re 1:	RE-Powering Site Profile
REPOW Ref1:	31244

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
32	16 of29	W	0.32 / 1,714.05	72.46 / 1	Cockatoo Middle School Site-Cockatoo-Apn 4047-001-018 HAWTHORNE BLVD & IMPERIAL HIGHWAY HAWTHORNE CA 90250	FED BROWNFIELDS

Property ID:	11284	**County:**	LOS ANGELES
Lat Measure:	33.9308859	**Latitude (Map):**	33.9308859
Long Measure:	-118.3524835	**Longitude (Map):**	-118.3524835
Property Name:	Cockatoo Middle School Site-Cockatoo-Apn 4047-001-018		
Address:	HAWTHORNE BLVD & IMPERIAL HIGHWAY		
City:	HAWTHORNE		
State Code:	CA		
Zip Code:	90250		
Primary Name (Map):	COCKATOO MIDDLE SCHOOL SITE-COCKATOO-APN 4047-001-020		
Location Address (Map):	HAWTHORNE BLVD & IMPERIAL HIGHWAY		
City Name (Map):	HAWTHORNE		
County Name (Map):	LOS ANGELES		
State Code (Map):	CA		
Postal Code (Map):	90250		
Data Source:	Cleanups in My Community (CIMC) Cleanups and Grants Listing Export - Brownfield Properties; Cleanups in My Community (CIMC) Web Application - Brownfield Properties (Map)		

Property Details (Cleanups in My Community)

ID No:		**Size Acres:**	8.
NFA Letter Date:		**Parcel No:**	
Media Affected:		**Property Enrolled:**	
Media Cleaned Up:		**Radius:**	.5
Contaminants REC:		**Census Tract:**	06037602103
Contams Actionable:		**2010 # Below Poverty:**	4110.
Contams < Actionble:		**2010 Below Poverty:**	27.52
Contamnts Cleanup:		**2010 Median Income:**	14658.
Tanks Removal:		**2010 No Low Income:**	8022.
Cleanup Needed:	U	**2010 Low Income:**	53.72
Cleanup Treatment:		**2010 No Vacant Hous:**	248.
Excavation Disposl:		**2010 Vacant Housing:**	5.62
Contams Extractn:		**2010 # Unemployed:**	564.
Reduc Contams:		**2010 Unemployed:**	3.78
Additional Clnup:		**Tech Capping:**	
Institutional Cleanup:	U	**Secur Guard Fence:**	
Institutional Cleanup:		**Immobilization:**	
Engineering Needed:		**Eng Barriers:**	
Eng Control:		**Proprietary Cntrl:**	
Additnl Inst Control:		**Info Device:**	
Additnl Eng Control:		**Govt Cntrl:**	
Inst Control Date:		**Enf Permit Tool:**	
Eng Control Date:		**Clnup Struct Remov:**	
Property Alias:			
Property Owner:			
Address Source URL:			
Address Source URL:			
Address Source URL:			
Other:			

Activity Details(Cleanups in My Community)

Coop Agmt No:	n/a	**Redev Actvy Funded:**	
Program Name:		**Redev Start Dt:**	
Activity Funded:		**Redev Compl date:**	
Type CA Fund:	Hazardous	**Redev Fund Entity:**	
Funding Entity:	EPA	**Redev Residential:**	
Assessmnt Start Dt:	09/12/2001	**Redev Greenspace:**	
Assessmnt Compl Dt:	09/12/2001	**Redev Industrial:**	
Clnup Actvy Start Dt:		**Redev Commercial:**	
Clnup Actvy Comp Dt:		**# of Redev Jobs:**	

Acres Cleaned Up:		**RLF Signed Dt:**	
Clnup Funding Src:		**RLF Intest Rate:**	
Clnup Entity Provid:		**RLF EPA Fund:**	
Signed Rpt Dt:		**RLF Cost Share:**	
Direct Clnup Tot Fnd:		**RLF Prog Income:**	
Direct Clnup Fnd Src:		**RLF Lvg Fund Src:**	
Fund Amt Expnded:		**RLF Lvg Fund Entity:**	
Source of Funding:		**RLF Lvg Fund Amt:**	
Past Use Resiential:		**RLF Subgrant Signed:**	
Past Use Greenspace:		**Subgrant EPA Fund:**	
Past Use Industrial:		**Subgrant Cost Shr:**	
Past Use Commercial:			
Coop Agmt Recipnt:	R9 TBA - California (Pre-law Superfund TBA)		
Clnup Compet Doc2:			
Climate Adapt Mitg1:			
Climate Adapt Mitg2:			

Brownfields Details

Registry I:	110015335234	**SF El He C:**	
EPA ID:		**SF IC Ind:**	
EPA Region:	09	**SF NPL Cod:**	
Cat No:	18070106	**SF NPL C 1:**	
RCRA Handl:		**FF SF Ind:**	
RCRA Curre:		**Map Symbol:**	B
RCRA Remed:		**Data Refre:**	04-Feb-2024
RCRA Const:		**New Site:**	
RCRA El He:		**BF RLF Gra:**	
RCRA El Gm:		**BF RLF Pil:**	
RCRA Rem 1:		**BF Assess :**	
RCRA Ec Gw:		**BF Cleanup:**	
RCRA Ec Ng:		**BF Tba Ind:**	Y
RCRA IC Ep:		**BF 128a In:**	
RCRA IC Gc:		**BF IC Code:**	U
RCRA IC ID:		**BF IC Gc I:**	U
RCRA IC Pr:		**BF IC Ep I:**	U
FF RCRA In:		**BF IC ID I:**	U
RCRA Ec Co:		**BF IC Pr I:**	U
RCRA IC Co:		**BF Assess1:**	
RCRA Gpra :		**BF Multipu:**	
RCRA Rem 2:		**BF Awp Ind:**	
RCRA Dru 1:		**BF Showcas:**	
SF Site ID:		**BF 128a P :**	
SF Ec Ind:		**Congressio:**	CA-43
SF El Gm C:		**Stimulus B:**	
Ind Name:			
Cat Name:	San Gabriel		
Sub Name:	San Gabriel		
Primary Name:	COCKATOO MIDDLE SCHOOL SITE-COCKATOO-APN 4047-001-020		
RCRA Drupa:			
Repow Ref :	https://cimc.epa.gov/ords/cimc/f?p=CIMC:REPOWER:::::P33_REF:27940		
Url:	https://obipublic11.epa.gov/analytics/saw.dll?PortalPages&Action=Navigate&col1=ACRES_GRANT_EXPORT.PROPERTY_ID&val1=%2211284.0%22&PortalPath=/shared/CIMC/_portal/CIMC&Page=Profile+Page		
Census Url:	https://ejscreen.epa.gov/mapper/demogreportpdf.aspx?report=census2010sf1&coords=-118.3524835%2C33.9308859&feattype=point&radius=1.0		
ACS Url:	https://ejscreen.epa.gov/mapper/demogreportpdf.aspx?report=acs2017&coords=-118.3524835%2C33.9308859&feattype=point&radius=1.0		

SAA Site:	
Sf Brac Ty:	
Sf Archive:	
Sf Ffdocke:	
Sf Npl C 3:	
Sf Npl C 2:	
Sf Npl C 1:	
SF Site Na:	
SF Non N 1:	
SF Non N 2:	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

SF Non N 3:	
SF Non Npl:	
BF Prope 1:	Cockatoo Middle School Site-Cockatoo-Apn 4047-001-018
RCRA Han 1:	
RCRA Rau I:	
REPOW BF:	SGB
REPOW Re 1:	RE-Powering Site Profile
REPOW Ref1:	27940

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
32	17 of29	W	0.32 / 1,714.05	72.46 / 1	Cockatoo Middle School Site-Cockatoo-Apn 4047-002-006 HAWTHORNE BLVD & IMPERIAL HIGHWAY HAWTHORNE CA 90250	FED BROWNFIELDS

Property ID:	11288	**County:**	LOS ANGELES
Lat Measure:	33.9308859	**Latitude (Map):**	33.9308859
Long Measure:	-118.3524835	**Longitude (Map):**	-118.3524835
Property Name:	Cockatoo Middle School Site-Cockatoo-Apn 4047-002-006		
Address:	HAWTHORNE BLVD & IMPERIAL HIGHWAY		
City:	HAWTHORNE		
State Code:	CA		
Zip Code:	90250		
Primary Name (Map):	COCKATOO MIDDLE SCHOOL SITE-COCKATOO-APN 4047-001-020		
Location Address (Map):	HAWTHORNE BLVD & IMPERIAL HIGHWAY		
City Name (Map):	HAWTHORNE		
County Name (Map):	LOS ANGELES		
State Code (Map):	CA		
Postal Code (Map):	90250		
Data Source:	Cleanups in My Community (CIMC) Cleanups and Grants Listing Export - Brownfield Properties; Cleanups in My Community (CIMC) Web Application - Brownfield Properties (Map)		

Property Details (Cleanups in My Community)

ID No:		**Size Acres:**	8.
NFA Letter Date:		**Parcel No:**	
Media Affected:		**Property Enrolled:**	
Media Cleaned Up:		**Radius:**	.5
Contaminants REC:		**Census Tract:**	06037602103
Contams Actionable:		**2010 # Below Poverty:**	4110.
Contams < Actionble:		**2010 Below Poverty:**	27.52
Contamnts Cleanup:		**2010 Median Income:**	14658.
Tanks Removal:		**2010 No Low Income:**	8022.
Cleanup Needed:	U	**2010 Low Income:**	53.72
Cleanup Treatment:		**2010 No Vacant Hous:**	248.
Excavation Disposl:		**2010 Vacant Housing:**	5.62
Contams Extractn:		**2010 # Unemployed:**	564.
Reduc Contams:		**2010 Unemployed:**	3.78
Additional Clnup:		**Tech Capping:**	
Institutional Cleanup:	U	**Secur Guard Fence:**	
Institutional Cleanup:		**Immobilization:**	
Engineering Needed:		**Eng Barriers:**	
Eng Control:		**Proprietary Cntrl:**	
Additnl Inst Control:		**Info Device:**	
Additnl Eng Control:		**Govt Cntrl:**	
Inst Control Date:		**Enf Permit Tool:**	
Eng Control Date:		**Clnup Struct Remov:**	
Property Alias:			
Property Owner:			
Address Source URL:			
Address Source URL:			
Address Source URL:			
Other:			

Activity Details(Cleanups in My Community)

Coop Agmt No:	n/a	**Redev Actvy Funded:**	
Program Name:		**Redev Start Dt:**	
Activity Funded:		**Redev Compl date:**	
Type CA Fund:	Hazardous	**Redev Fund Entity:**	
Funding Entity:	EPA	**Redev Residential:**	
Assessmnt Start Dt:	09/12/2001	**Redev Greenspace:**	
Assessmnt Compl Dt:	09/12/2001	**Redev Industrial:**	
Clnup Actvy Start Dt:		**Redev Commercial:**	
Clnup Actvy Comp Dt:		**# of Redev Jobs:**	
Acres Cleaned Up:		**RLF Signed Dt:**	
Clnup Funding Src:		**RLF Intest Rate:**	
Clnup Entity Provid:		**RLF EPA Fund:**	
Signed Rpt Dt:		**RLF Cost Share:**	
Direct Clnup Tot Fnd:		**RLF Prog Income:**	
Direct Clnup Fnd Src:		**RLF Lvg Fund Src:**	
Fund Amt Expnded:		**RLF Lvg Fund Entity:**	
Source of Funding:		**RLF Lvg Fund Amt:**	
Past Use Resiential:		**RLF Subgrant Signed:**	
Past Use Greenspace:		**Subgrant EPA Fund:**	
Past Use Industrial:		**Subgrant Cost Shr:**	
Past Use Commercial:			
Coop Agmt Recipnt:	R9 TBA - California (Pre-law Superfund TBA)		
Clnup Compet Doc2:			
Climate Adapt Mitg1:			
Climate Adapt Mitg2:			

Brownfields Details

Registry I:	110015335234	**SF El He C:**	
EPA ID:		**SF IC Ind:**	
EPA Region:	09	**SF NPL Cod:**	
Cat No:	18070106	**SF NPL C 1:**	
RCRA Handl:		**FF SF Ind:**	
RCRA Curre:		**Map Symbol:**	B
RCRA Remed:		**Data Refre:**	04-Feb-2024
RCRA Const:		**New Site:**	
RCRA El He:		**BF RLF Gra:**	
RCRA El Gm:		**BF RLF Pil:**	
RCRA Rem 1:		**BF Assess :**	
RCRA Ec Gw:		**BF Cleanup:**	
RCRA Ec Ng:		**BF Tba Ind:**	Y
RCRA IC Ep:		**BF 128a In:**	
RCRA IC Gc:		**BF IC Code:**	U
RCRA IC ID:		**BF IC Gc I:**	U
RCRA IC Pr:		**BF IC Ep I:**	U
FF RCRA In:		**BF IC ID I:**	U
RCRA Ec Co:		**BF IC Pr I:**	U
RCRA IC Co:		**BF Assess1:**	
RCRA Gpra :		**BF Multipu:**	
RCRA Rem 2:		**BF Awp Ind:**	
RCRA Dru 1:		**BF Showcas:**	
SF Site ID:		**BF 128a P :**	
SF Ec Ind:		**Congressio:**	CA-43
SF El Gm C:		**Stimulus B:**	
Ind Name:			
Cat Name:	San Gabriel		
Sub Name:	San Gabriel		
Primary Name:	COCKATOO MIDDLE SCHOOL SITE-COCKATOO-APN 4047-001-020		
RCRA Drupa:			
Repow Ref :	https://cimc.epa.gov/ords/cimc/f?p=CIMC:REPOWER:::::P33_REF:11532		
Url:	https://obipublic11.epa.gov/analytics/saw.dll?PortalPages&Action=Navigate&col1=ACRES_GRANT_EXPORT.PROPERTY_ID&val1=%2211288.0%22&PortalPath=/shared/CIMC/_portal/CIMC&Page=Profile+Page		
Census Url:	https://ejscreen.epa.gov/mapper/demogreportpdf.aspx?report=census2010sf1&coords=-118.3524835%2C33.9308859&feattype=point&radius=1.0		
ACS Url:	https://ejscreen.epa.gov/mapper/demogreportpdf.aspx?report=acs2017&coords=-118.3524835%2C33.9308859&feattype=point&radius=1.0		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

SAA Site:	
Sf Brac Ty:	
Sf Archive:	
Sf Ffdocke:	
Sf Npl C 3:	
Sf Npl C 2:	
Sf Npl C 1:	
SF Site Na:	
SF Non N 1:	
SF Non N 2:	
SF Non N 3:	
SF Non Npl:	
BF Prope 1:	Cockatoo Middle School Site-Cockatoo-Apn 4047-002-006
RCRA Han 1:	
RCRA Rau I:	
REPOW BF:	SGB
REPOW Re 1:	RE-Powering Site Profile
REPOW Ref1:	11532

32	18 of29	W	0.32 / 1,714.05	72.46 / 1	**Cockatoo Middle School Site-Cockatoo-Apn 4047-001-015** **HAWTHORNE BLVD & IMPERIAL HIGHWAY** **HAWTHORNE CA 90250**	**FED BROWNFIELDS**

Property ID:	11281	**County:**	LOS ANGELES
Lat Measure:	33.9308859	**Latitude (Map):**	33.9308859
Long Measure:	-118.3524835	**Longitude (Map):**	-118.3524835
Property Name:	Cockatoo Middle School Site-Cockatoo-Apn 4047-001-015		
Address:	HAWTHORNE BLVD & IMPERIAL HIGHWAY		
City:	HAWTHORNE		
State Code:	CA		
Zip Code:	90250		
Primary Name (Map):	COCKATOO MIDDLE SCHOOL SITE-COCKATOO-APN 4047-001-020		
Location Address (Map):	HAWTHORNE BLVD & IMPERIAL HIGHWAY		
City Name (Map):	HAWTHORNE		
County Name (Map):	LOS ANGELES		
State Code (Map):	CA		
Postal Code (Map):	90250		
Data Source:	Cleanups in My Community (CIMC) Cleanups and Grants Listing Export - Brownfield Properties; Cleanups in My Community (CIMC) Web Application - Brownfield Properties (Map)		

Property Details (Cleanups in My Community)

ID No:		**Size Acres:**	8.
NFA Letter Date:		**Parcel No:**	
Media Affected:		**Property Enrolled:**	
Media Cleaned Up:		**Radius:**	.5
Contaminants REC:		**Census Tract:**	06037602103
Contams Actionable:		**2010 # Below Poverty:**	4110.
Contams < Actionble:		**2010 Below Poverty:**	27.52
Contamnts Cleanup:		**2010 Median Income:**	14658.
Tanks Removal:		**2010 No Low Income:**	8022.
Cleanup Needed:	U	**2010 Low Income:**	53.72
Cleanup Treatment:		**2010 No Vacant Hous:**	248.
Excavation Disposl:		**2010 Vacant Housing:**	5.62
Contams Extractn:		**2010 # Unemployed:**	564.
Reduc Contams:		**2010 Unemployed:**	3.78
Additional Clnup:		**Tech Capping:**	
Institutional Cleanup:	U	**Secur Guard Fence:**	
Institutional Cleanup:		**Immobilization:**	
Engineering Needed:		**Eng Barriers:**	
Eng Control:		**Proprietary Cntrl:**	
Additnl Inst Control:		**Info Device:**	
Additnl Eng Control:		**Govt Cntrl:**	
Inst Control Date:		**Enf Permit Tool:**	

Eng Control Date: ***Clnup Struct Remov:***
Property Alias:
Property Owner:
Address Source URL:
Address Source URL:
Address Source URL:
Other:

Activity Details(Cleanups in My Community)

Coop Agmt No:	n/a	***Redev Actvy Funded:***	
Program Name:		***Redev Start Dt:***	
Activity Funded:		***Redev Compl date:***	
Type CA Fund:	Hazardous	***Redev Fund Entity:***	
Funding Entity:	EPA	***Redev Residential:***	
Assessmnt Start Dt:	09/12/2001	***Redev Greenspace:***	
Assessmnt Compl Dt:	09/12/2001	***Redev Industrial:***	
Clnup Actvy Start Dt:		***Redev Commercial:***	
Clnup Actvy Comp Dt:		***# of Redev Jobs:***	
Acres Cleaned Up:		***RLF Signed Dt:***	
Clnup Funding Src:		***RLF Intest Rate:***	
Clnup Entity Provid:		***RLF EPA Fund:***	
Signed Rpt Dt:		***RLF Cost Share:***	
Direct Clnup Tot Fnd:		***RLF Prog Income:***	
Direct Clnup Fnd Src:		***RLF Lvg Fund Src:***	
Fund Amt Expnded:		***RLF Lvg Fund Entity:***	
Source of Funding:		***RLF Lvg Fund Amt:***	
Past Use Resiential:		***RLF Subgrant Signed:***	
Past Use Greenspace:		***Subgrant EPA Fund:***	
Past Use Industrial:		***Subgrant Cost Shr:***	
Past Use Commercial:			
Coop Agmt Recipnt:	R9 TBA - California (Pre-law Superfund TBA)		
Clnup Compet Doc2:			
Climate Adapt Mitg1:			
Climate Adapt Mitg2:			

Brownfields Details

Registry I:	110015335234	***SF El He C:***	
EPA ID:		***SF IC Ind:***	
EPA Region:	09	***SF NPL Cod:***	
Cat No:	18070106	***SF NPL C 1:***	
RCRA Handl:		***FF SF Ind:***	
RCRA Curre:		***Map Symbol:***	B
RCRA Remed:		***Data Refre:***	04-Feb-2024
RCRA Const:		***New Site:***	
RCRA El He:		***BF RLF Gra:***	
RCRA El Gm:		***BF RLF Pil:***	
RCRA Rem 1:		***BF Assess :***	
RCRA Ec Gw:		***BF Cleanup:***	
RCRA Ec Ng:		***BF Tba Ind:***	Y
RCRA IC Ep:		***BF 128a In:***	
RCRA IC Gc:		***BF IC Code:***	U
RCRA IC ID:		***BF IC Gc I:***	U
RCRA IC Pr:		***BF IC Ep I:***	U
FF RCRA In:		***BF IC ID I:***	U
RCRA Ec Co:		***BF IC Pr I:***	U
RCRA IC Co:		***BF Assess1:***	
RCRA Gpra :		***BF Multipu:***	
RCRA Rem 2:		***BF Awp Ind:***	
RCRA Dru 1:		***BF Showcas:***	
SF Site ID:		***BF 128a P :***	
SF Ec Ind:		***Congressio:***	CA-43
SF El Gm C:		***Stimulus B:***	
Ind Name:			
Cat Name:	San Gabriel		
Sub Name:	San Gabriel		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Primary Name:	COCKATOO MIDDLE SCHOOL SITE-COCKATOO-APN 4047-001-020
RCRA Drupa:	
Repow Ref :	https://cimc.epa.gov/ords/cimc/f?p=CIMC:REPOWER:::::P33_REF:21279
Url:	https://obipublic11.epa.gov/analytics/saw.dll?PortalPages&Action=Navigate&col1=ACRES_GRANT_EXPORT.PROPERTY_ID&val1=%2211281.0%22&PortalPath=/shared/CIMC/_portal/CIMC&Page=Profile+Page
Census Url:	https://ejscreen.epa.gov/mapper/demogreportpdf.aspx?report=census2010sf1&coords=-118.3524835%2C33.9308859&feattype=point&radius=1.0
ACS Url:	https://ejscreen.epa.gov/mapper/demogreportpdf.aspx?report=acs2017&coords=-118.3524835%2C33.9308859&feattype=point&radius=1.0
SAA Site:	
Sf Brac Ty:	
Sf Archive:	
Sf Ffdocke:	
Sf Npl C 3:	
Sf Npl C 2:	
Sf Npl C 1:	
SF Site Na:	
SF Non N 1:	
SF Non N 2:	
SF Non N 3:	
SF Non Npl:	
BF Prope 1:	Cockatoo Middle School Site-Cockatoo-Apn 4047-001-015
RCRA Han 1:	
RCRA Rau I:	
REPOW BF:	SGB
REPOW Re 1:	RE-Powering Site Profile
REPOW Ref1:	21279

32	19 of29	W	0.32 / 1,714.05	72.46 / 1	**Cockatoo Middle School Site-Cockatoo-Apn 4047-002-009** **HAWTHORNE BLVD & IMPERIAL HIGHWAY** **HAWTHORNE CA 90250**	**FED BROWNFIELDS**

Property ID:	11301	**County:**	LOS ANGELES
Lat Measure:	33.9308859	**Latitude (Map):**	33.9308859
Long Measure:	-118.3524835	**Longitude (Map):**	-118.3524835
Property Name:	Cockatoo Middle School Site-Cockatoo-Apn 4047-002-009		
Address:	HAWTHORNE BLVD & IMPERIAL HIGHWAY		
City:	HAWTHORNE		
State Code:	CA		
Zip Code:	90250		
Primary Name (Map):	COCKATOO MIDDLE SCHOOL SITE-COCKATOO-APN 4047-001-020		
Location Address (Map):	HAWTHORNE BLVD & IMPERIAL HIGHWAY		
City Name (Map):	HAWTHORNE		
County Name (Map):	LOS ANGELES		
State Code (Map):	CA		
Postal Code (Map):	90250		
Data Source:	Cleanups in My Community (CIMC) Cleanups and Grants Listing Export - Brownfield Properties; Cleanups in My Community (CIMC) Web Application - Brownfield Properties (Map)		

Property Details (Cleanups in My Community)

ID No:		**Size Acres:**	8.
NFA Letter Date:		**Parcel No:**	
Media Affected:		**Property Enrolled:**	
Media Cleaned Up:		**Radius:**	.5
Contaminants REC:		**Census Tract:**	06037602103
Contams Actionable:		**2010 # Below Poverty:**	4110.
Contams < Actionble:		**2010 Below Poverty:**	27.52
Contamnts Cleanup:		**2010 Median Income:**	14658.
Tanks Removal:		**2010 No Low Income:**	8022.
Cleanup Needed:	U	**2010 Low Income:**	53.72
Cleanup Treatment:		**2010 No Vacant Hous:**	248.
Excavation Disposl:		**2010 Vacant Housing:**	5.62

Contams Extractn:		**2010 # Unemployed:**	564.
Reduc Contams:		**2010 Unemployed:**	3.78
Additional Clnup:		**Tech Capping:**	
Institutional Cleanup:	U	**Secur Guard Fence:**	
Institutional Cleanup:		**Immobilization:**	
Engineering Needed:		**Eng Barriers:**	
Eng Control:		**Proprietary Cntrl:**	
Additnl Inst Control:		**Info Device:**	
Additnl Eng Control:		**Govt Cntrl:**	
Inst Control Date:		**Enf Permit Tool:**	
Eng Control Date:		**Clnup Struct Remov:**	
Property Alias:			
Property Owner:			
Address Source URL:			
Address Source URL:			
Address Source URL:			
Other:			

Activity Details(Cleanups in My Community)

Coop Agmt No:	n/a	**Redev Actvy Funded:**	
Program Name:		**Redev Start Dt:**	
Activity Funded:		**Redev Compl date:**	
Type CA Fund:	Hazardous	**Redev Fund Entity:**	
Funding Entity:	EPA	**Redev Residential:**	
Assessmnt Start Dt:	09/12/2001	**Redev Greenspace:**	
Assessmnt Compl Dt:	09/12/2001	**Redev Industrial:**	
Clnup Actvy Start Dt:		**Redev Commercial:**	
Clnup Actvy Comp Dt:		**# of Redev Jobs:**	
Acres Cleaned Up:		**RLF Signed Dt:**	
Clnup Funding Src:		**RLF Intest Rate:**	
Clnup Entity Provid:		**RLF EPA Fund:**	
Signed Rpt Dt:		**RLF Cost Share:**	
Direct Clnup Tot Fnd:		**RLF Prog Income:**	
Direct Clnup Fnd Src:		**RLF Lvg Fund Src:**	
Fund Amt Expnded:		**RLF Lvg Fund Entity:**	
Source of Funding:		**RLF Lvg Fund Amt:**	
Past Use Resiential:		**RLF Subgrant Signed:**	
Past Use Greenspace:		**Subgrant EPA Fund:**	
Past Use Industrial:		**Subgrant Cost Shr:**	
Past Use Commercial:			
Coop Agmt Recipnt:	R9 TBA - California (Pre-law Superfund TBA)		
Clnup Compet Doc2:			
Climate Adapt Mitg1:			
Climate Adapt Mitg2:			

Brownfields Details

Registry I:	110015335234	**SF El He C:**	
EPA ID:		**SF IC Ind:**	
EPA Region:	09	**SF NPL Cod:**	
Cat No:	18070106	**SF NPL C 1:**	
RCRA Handl:		**FF SF Ind:**	
RCRA Curre:		**Map Symbol:**	B
RCRA Remed:		**Data Refre:**	04-Feb-2024
RCRA Const:		**New Site:**	
RCRA El He:		**BF RLF Gra:**	
RCRA El Gm:		**BF RLF Pil:**	
RCRA Rem 1:		**BF Assess :**	
RCRA Ec Gw:		**BF Cleanup:**	
RCRA Ec Ng:		**BF Tba Ind:**	Y
RCRA IC Ep:		**BF 128a In:**	
RCRA IC Gc:		**BF IC Code:**	U
RCRA IC ID:		**BF IC Gc I:**	U
RCRA IC Pr:		**BF IC Ep I:**	U
FF RCRA In:		**BF IC ID I:**	U
RCRA Ec Co:		**BF IC Pr I:**	U

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

RCRA IC Co:		**BF Assess1:**	
RCRA Gpra :		**BF Multipu:**	
RCRA Rem 2:		**BF Awp Ind:**	
RCRA Dru 1:		**BF Showcas:**	
SF Site ID:		**BF 128a P :**	
SF Ec Ind:		**Congressio:**	CA-43
SF El Gm C:		**Stimulus B:**	
Ind Name:			
Cat Name:	San Gabriel		
Sub Name:	San Gabriel		
Primary Name:	COCKATOO MIDDLE SCHOOL SITE-COCKATOO-APN 4047-001-020		
RCRA Drupa:			
Repow Ref :	https://cimc.epa.gov/ords/cimc/f?p=CIMC:REPOWER:::::P33_REF:11534		
Url:	https://obipublic11.epa.gov/analytics/saw.dll?PortalPages&Action=Navigate&col1=ACRES_GRANT_EXPORT.PROPERTY_ID&val1=%2211301.0%22&PortalPath=/shared/CIMC/_portal/CIMC&Page=Profile+Page		
Census Url:	https://ejscreen.epa.gov/mapper/demogreportpdf.aspx?report=census2010sf1&coords=-118.3524835%2C33.9308859&feattype=point&radius=1.0		
ACS Url:	https://ejscreen.epa.gov/mapper/demogreportpdf.aspx?report=acs2017&coords=-118.3524835%2C33.9308859&feattype=point&radius=1.0		
SAA Site:			
Sf Brac Ty:			
Sf Archive:			
Sf Ffdocke:			
Sf Npl C 3:			
Sf Npl C 2:			
Sf Npl C 1:			
SF Site Na:			
SF Non N 1:			
SF Non N 2:			
SF Non N 3:			
SF Non Npl:			
BF Prope 1:	Cockatoo Middle School Site-Cockatoo-Apn 4047-002-009		
RCRA Han 1:			
RCRA Rau I:			
REPOW BF:	SGB		
REPOW Re 1:	RE-Powering Site Profile		
REPOW Ref1:	11534		

32	***20 of29***	***W***	***0.32 / 1,714.05***	***72.46 / 1***	***Cockatoo Middle School Site-Cockatoo-Apn 4047-001-008 HAWTHORNE BLVD & IMPERIAL HIGHWAY HAWTHORNE CA 90250***	***FED BROWNFIELDS***

Property ID:	11279	**County:**	LOS ANGELES
Lat Measure:	33.9308859	**Latitude (Map):**	33.9308859
Long Measure:	-118.3524835	**Longitude (Map):**	-118.3524835
Property Name:	Cockatoo Middle School Site-Cockatoo-Apn 4047-001-008		
Address:	HAWTHORNE BLVD & IMPERIAL HIGHWAY		
City:	HAWTHORNE		
State Code:	CA		
Zip Code:	90250		
Primary Name (Map):	COCKATOO MIDDLE SCHOOL SITE-COCKATOO-APN 4047-001-020		
Location Address (Map):	HAWTHORNE BLVD & IMPERIAL HIGHWAY		
City Name (Map):	HAWTHORNE		
County Name (Map):	LOS ANGELES		
State Code (Map):	CA		
Postal Code (Map):	90250		
Data Source:	Cleanups in My Community (CIMC) Cleanups and Grants Listing Export - Brownfield Properties; Cleanups in My Community (CIMC) Web Application - Brownfield Properties (Map)		

Property Details (Cleanups in My Community)

ID No:		**Size Acres:**	8.
NFA Letter Date:		**Parcel No:**	

Media Affected:		**Property Enrolled:**	
Media Cleaned Up:		**Radius:**	.5
Contaminants REC:		**Census Tract:**	06037602103
Contams Actionable:		**2010 # Below Poverty:**	4110.
Contams < Actionble:		**2010 Below Poverty:**	27.52
Contamnts Cleanup:		**2010 Median Income:**	14658.
Tanks Removal:		**2010 No Low Income:**	8022.
Cleanup Needed:	U	**2010 Low Income:**	53.72
Cleanup Treatment:		**2010 No Vacant Hous:**	248.
Excavation Disposl:		**2010 Vacant Housing:**	5.62
Contams Extractn:		**2010 # Unemployed:**	564.
Reduc Contams:		**2010 Unemployed:**	3.78
Additional Clnup:		**Tech Capping:**	
Institutional Cleanup:	U	**Secur Guard Fence:**	
Institutional Cleanup:		**Immobilization:**	
Engineering Needed:		**Eng Barriers:**	
Eng Control:		**Proprietary Cntrl:**	
Additnl Inst Control:		**Info Device:**	
Additnl Eng Control:		**Govt Cntrl:**	
Inst Control Date:		**Enf Permit Tool:**	
Eng Control Date:		**Clnup Struct Remov:**	
Property Alias:			
Property Owner:			
Address Source URL:			
Address Source URL:			
Address Source URL:			
Other:			

Activity Details(Cleanups in My Community)

Coop Agmt No:	n/a	**Redev Actvy Funded:**	
Program Name:		**Redev Start Dt:**	
Activity Funded:		**Redev Compl date:**	
Type CA Fund:	Hazardous	**Redev Fund Entity:**	
Funding Entity:	EPA	**Redev Residential:**	
Assessmnt Start Dt:	09/12/2001	**Redev Greenspace:**	
Assessmnt Compl Dt:	09/12/2001	**Redev Industrial:**	
Clnup Actvy Start Dt:		**Redev Commercial:**	
Clnup Actvy Comp Dt:		**# of Redev Jobs:**	
Acres Cleaned Up:		**RLF Signed Dt:**	
Clnup Funding Src:		**RLF Intest Rate:**	
Clnup Entity Provid:		**RLF EPA Fund:**	
Signed Rpt Dt:		**RLF Cost Share:**	
Direct Clnup Tot Fnd:		**RLF Prog Income:**	
Direct Clnup Fnd Src:		**RLF Lvg Fund Src:**	
Fund Amt Expnded:		**RLF Lvg Fund Entity:**	
Source of Funding:		**RLF Lvg Fund Amt:**	
Past Use Resiential:		**RLF Subgrant Signed:**	
Past Use Greenspace:		**Subgrant EPA Fund:**	
Past Use Industrial:		**Subgrant Cost Shr:**	
Past Use Commercial:			
Coop Agmt Recipnt:	R9 TBA - California (Pre-law Superfund TBA)		
Clnup Compet Doc2:			
Climate Adapt Mitg1:			
Climate Adapt Mitg2:			

Brownfields Details

Registry I:	110015335234	**SF EI He C:**	
EPA ID:		**SF IC Ind:**	
EPA Region:	09	**SF NPL Cod:**	
Cat No:	18070106	**SF NPL C 1:**	
RCRA Handl:		**FF SF Ind:**	
RCRA Curre:		**Map Symbol:**	B
RCRA Remed:		**Data Refre:**	04-Feb-2024
RCRA Const:		**New Site:**	
RCRA EI He:		**BF RLF Gra:**	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

RCRA El Gm:		**BF RLF Pil:**	
RCRA Rem 1:		**BF Assess :**	
RCRA Ec Gw:		**BF Cleanup:**	
RCRA Ec Ng:		**BF Tba Ind:**	Y
RCRA IC Ep:		**BF 128a In:**	
RCRA IC Gc:		**BF IC Code:**	U
RCRA IC ID:		**BF IC Gc I:**	U
RCRA IC Pr:		**BF IC Ep I:**	U
FF RCRA In:		**BF IC ID I:**	U
RCRA Ec Co:		**BF IC Pr I:**	U
RCRA IC Co:		**BF Assess1:**	
RCRA Gpra :		**BF Multipu:**	
RCRA Rem 2:		**BF Awp Ind:**	
RCRA Dru 1:		**BF Showcas:**	
SF Site ID:		**BF 128a P :**	
SF Ec Ind:		**Congressio:**	CA-43
SF El Gm C:		**Stimulus B:**	

Ind Name:
Cat Name: San Gabriel
Sub Name: San Gabriel
Primary Name: COCKATOO MIDDLE SCHOOL SITE-COCKATOO-APN 4047-001-020
RCRA Drupa:
Repow Ref : https://cimc.epa.gov/ords/cimc/f?p=CIMC:REPOWER:::::P33_REF:18077
Url: https://obipublic11.epa.gov/analytics/saw.dll?PortalPages&Action=Navigate&col1=ACRES_GRANT_EXPORT.PROPERTY_ID&val1=%2211279.0%22&PortalPath=/shared/CIMC/_portal/CIMC&Page=Profile+Page
Census Url: https://ejscreen.epa.gov/mapper/demogreportpdf.aspx?report=census2010sf1&coords=-118.3524835%2C33.9308859&feattype=point&radius=1.0
ACS Url: https://ejscreen.epa.gov/mapper/demogreportpdf.aspx?report=acs2017&coords=-118.3524835%2C33.9308859&feattype=point&radius=1.0

SAA Site:
Sf Brac Ty:
Sf Archive:
Sf Ffdocke:
Sf Npl C 3:
Sf Npl C 2:
Sf Npl C 1:
SF Site Na:
SF Non N 1:
SF Non N 2:
SF Non N 3:
SF Non Npl:
BF Prope 1: Cockatoo Middle School Site-Cockatoo-Apn 4047-001-008
RCRA Han 1:
RCRA Rau I:
REPOW BF: SGB
REPOW Re 1: RE-Powering Site Profile
REPOW Ref1: 18077

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
32	21 of29	W	0.32 / 1,714.05	72.46 / 1	**Cockatoo Middle School Site-Cockatoo-Francis Beauty Salon** **HAWTHORNE BLVD & IMPERIAL HIGHWAY** **HAWTHORNE CA 90250**	FED BROWNFIELDS

Property ID:	11278	**County:**	LOS ANGELES
Lat Measure:	33.9308859	**Latitude (Map):**	33.9308859
Long Measure:	-118.3524835	**Longitude (Map):**	-118.3524835

Property Name: Cockatoo Middle School Site-Cockatoo-Francis Beauty Salon
Address: HAWTHORNE BLVD & IMPERIAL HIGHWAY
City: HAWTHORNE
State Code: CA
Zip Code: 90250
Primary Name (Map): COCKATOO MIDDLE SCHOOL SITE-COCKATOO-APN 4047-001-020
Location Address (Map): HAWTHORNE BLVD & IMPERIAL HIGHWAY
City Name (Map): HAWTHORNE
County Name (Map): LOS ANGELES

State Code (Map): CA
Postal Code (Map): 90250
Data Source: Cleanups in My Community (CIMC) Cleanups and Grants Listing Export - Brownfield Properties; Cleanups in My Community (CIMC) Web Application - Brownfield Properties (Map)

Property Details (Cleanups in My Community)

ID No:		**Size Acres:**	8.
NFA Letter Date:		**Parcel No:**	
Media Affected:		**Property Enrolled:**	
Media Cleaned Up:		**Radius:**	.5
Contaminants REC:		**Census Tract:**	06037602103
Contams Actionable:		**2010 # Below Poverty:**	4110.
Contams < Actionble:		**2010 Below Poverty:**	27.52
Contamnts Cleanup:		**2010 Median Income:**	14658.
Tanks Removal:		**2010 No Low Income:**	8022.
Cleanup Needed:	U	**2010 Low Income:**	53.72
Cleanup Treatment:		**2010 No Vacant Hous:**	248.
Excavation Disposl:		**2010 Vacant Housing:**	5.62
Contams Extractn:		**2010 # Unemployed:**	564.
Reduc Contams:		**2010 Unemployed:**	3.78
Additional Clnup:		**Tech Capping:**	
Institutional Cleanup:	U	**Secur Guard Fence:**	
Institutional Cleanup:		**Immobilization:**	
Engineering Needed:		**Eng Barriers:**	
Eng Control:		**Proprietary Cntrl:**	
Additnl Inst Control:		**Info Device:**	
Additnl Eng Control:		**Govt Cntrl:**	
Inst Control Date:		**Enf Permit Tool:**	
Eng Control Date:		**Clnup Struct Remov:**	
Property Alias:			
Property Owner:			
Address Source URL:			
Address Source URL:			
Address Source URL:			
Other:			

Activity Details(Cleanups in My Community)

Coop Agmt No:	n/a	**Redev Actvy Funded:**	
Program Name:		**Redev Start Dt:**	
Activity Funded:		**Redev Compl date:**	
Type CA Fund:	Hazardous	**Redev Fund Entity:**	
Funding Entity:	EPA	**Redev Residential:**	
Assessmnt Start Dt:	09/12/2001	**Redev Greenspace:**	
Assessmnt Compl Dt:	09/12/2001	**Redev Industrial:**	
Clnup Actvy Start Dt:		**Redev Commercial:**	
Clnup Actvy Comp Dt:		**# of Redev Jobs:**	
Acres Cleaned Up:		**RLF Signed Dt:**	
Clnup Funding Src:		**RLF Intest Rate:**	
Clnup Entity Provid:		**RLF EPA Fund:**	
Signed Rpt Dt:		**RLF Cost Share:**	
Direct Clnup Tot Fnd:		**RLF Prog Income:**	
Direct Clnup Fnd Src:		**RLF Lvg Fund Src:**	
Fund Amt Expnded:		**RLF Lvg Fund Entity:**	
Source of Funding:		**RLF Lvg Fund Amt:**	
Past Use Resiential:		**RLF Subgrant Signed:**	
Past Use Greenspace:		**Subgrant EPA Fund:**	
Past Use Industrial:		**Subgrant Cost Shr:**	
Past Use Commercial:			
Coop Agmt Recipnt:	R9 TBA - California (Pre-law Superfund TBA)		
Clnup Compet Doc2:			
Climate Adapt Mitg1:			
Climate Adapt Mitg2:			

Brownfields Details

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Registry I:	110015335234	**SF El He C:**	
EPA ID:		**SF IC Ind:**	
EPA Region:	09	**SF NPL Cod:**	
Cat No:	18070106	**SF NPL C 1:**	
RCRA Handl:		**FF SF Ind:**	
RCRA Curre:		**Map Symbol:**	B
RCRA Remed:		**Data Refre:**	04-Feb-2024
RCRA Const:		**New Site:**	
RCRA El He:		**BF RLF Gra:**	
RCRA El Gm:		**BF RLF Pil:**	
RCRA Rem 1:		**BF Assess :**	
RCRA Ec Gw:		**BF Cleanup:**	
RCRA Ec Ng:		**BF Tba Ind:**	Y
RCRA IC Ep:		**BF 128a In:**	
RCRA IC Gc:		**BF IC Code:**	U
RCRA IC ID:		**BF IC Gc I:**	U
RCRA IC Pr:		**BF IC Ep I:**	U
FF RCRA In:		**BF IC ID I:**	U
RCRA Ec Co:		**BF IC Pr I:**	U
RCRA IC Co:		**BF Assess1:**	
RCRA Gpra :		**BF Multipu:**	
RCRA Rem 2:		**BF Awp Ind:**	
RCRA Dru 1:		**BF Showcas:**	
SF Site ID:		**BF 128a P :**	
SF Ec Ind:		**Congressio:**	CA-43
SF El Gm C:		**Stimulus B:**	

Ind Name:
Cat Name: San Gabriel
Sub Name: San Gabriel
Primary Name: COCKATOO MIDDLE SCHOOL SITE-COCKATOO-APN 4047-001-020
RCRA Drupa:
Repow Ref : https://cimc.epa.gov/ords/cimc/f?p=CIMC:REPOWER:::::P33_REF:21278
Url: https://obipublic11.epa.gov/analytics/saw.dll?PortalPages&Action=Navigate&col1=ACRES_GRANT_EXPORT.PROPERTY_ID&val1=%2211278.0%22&PortalPath=/shared/CIMC/_portal/CIMC&Page=Profile+Page
Census Url: https://ejscreen.epa.gov/mapper/demogreportpdf.aspx?report=census2010sf1&coords=-118.3524835%2C33.9308859&feattype=point&radius=1.0
ACS Url: https://ejscreen.epa.gov/mapper/demogreportpdf.aspx?report=acs2017&coords=-118.3524835%2C33.9308859&feattype=point&radius=1.0

SAA Site:
Sf Brac Ty:
Sf Archive:
Sf Ffdocke:
Sf Npl C 3:
Sf Npl C 2:
Sf Npl C 1:
SF Site Na:
SF Non N 1:
SF Non N 2:
SF Non N 3:
SF Non Npl:
BF Prope 1: Cockatoo Middle School Site-Cockatoo-Francis Beauty Salon
RCRA Han 1:
RCRA Rau I:
REPOW BF: SGB
REPOW Re 1: RE-Powering Site Profile
REPOW Ref1: 21278

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
32	22 of29	W	0.32 / 1,714.05	72.46 / 1	**Cockatoo Middle School Site-Cockatoo-Apn 4047-002-003** **HAWTHORNE BLVD & IMPERIAL HIGHWAY** **HAWTHORNE CA 90250**	FED BROWNFIELDS

Property ID:	11285	**County:**	LOS ANGELES
Lat Measure:	33.9308859	**Latitude (Map):**	33.9308859

Long Measure:	-118.3524835	**Longitude (Map):**	-118.3524835
Property Name:	Cockatoo Middle School Site-Cockatoo-Apn 4047-002-003		
Address:	HAWTHORNE BLVD & IMPERIAL HIGHWAY		
City:	HAWTHORNE		
State Code:	CA		
Zip Code:	90250		
Primary Name (Map):	COCKATOO MIDDLE SCHOOL SITE-COCKATOO-APN 4047-001-020		
Location Address (Map):	HAWTHORNE BLVD & IMPERIAL HIGHWAY		
City Name (Map):	HAWTHORNE		
County Name (Map):	LOS ANGELES		
State Code (Map):	CA		
Postal Code (Map):	90250		
Data Source:	Cleanups in My Community (CIMC) Cleanups and Grants Listing Export - Brownfield Properties; Cleanups in My Community (CIMC) Web Application - Brownfield Properties (Map)		

Property Details (Cleanups in My Community)

ID No:		**Size Acres:**	8.
NFA Letter Date:		**Parcel No:**	
Media Affected:		**Property Enrolled:**	
Media Cleaned Up:		**Radius:**	.5
Contaminants REC:		**Census Tract:**	06037602103
Contams Actionable:		**2010 # Below Poverty:**	4110.
Contams < Actionble:		**2010 Below Poverty:**	27.52
Contamnts Cleanup:		**2010 Median Income:**	14658.
Tanks Removal:		**2010 No Low Income:**	8022.
Cleanup Needed:	U	**2010 Low Income:**	53.72
Cleanup Treatment:		**2010 No Vacant Hous:**	248.
Excavation Disposl:		**2010 Vacant Housing:**	5.62
Contams Extractn:		**2010 # Unemployed:**	564.
Reduc Contams:		**2010 Unemployed:**	3.78
Additional Clnup:		**Tech Capping:**	
Institutional Cleanup:	U	**Secur Guard Fence:**	
Institutional Cleanup:		**Immobilization:**	
Engineering Needed:		**Eng Barriers:**	
Eng Control:		**Proprietary Cntrl:**	
Additnl Inst Control:		**Info Device:**	
Additnl Eng Control:		**Govt Cntrl:**	
Inst Control Date:		**Enf Permit Tool:**	
Eng Control Date:		**Clnup Struct Remov:**	
Property Alias:			
Property Owner:			
Address Source URL:			
Address Source URL:			
Address Source URL:			
Other:			

Activity Details(Cleanups in My Community)

Coop Agmt No:	n/a	**Redev Actvy Funded:**	
Program Name:		**Redev Start Dt:**	
Activity Funded:		**Redev Compl date:**	
Type CA Fund:	Hazardous	**Redev Fund Entity:**	
Funding Entity:	EPA	**Redev Residential:**	
Assessmnt Start Dt:	09/12/2001	**Redev Greenspace:**	
Assessmnt Compl Dt:	09/12/2001	**Redev Industrial:**	
Clnup Actvy Start Dt:		**Redev Commercial:**	
Clnup Actvy Comp Dt:		**# of Redev Jobs:**	
Acres Cleaned Up:		**RLF Signed Dt:**	
Clnup Funding Src:		**RLF Intest Rate:**	
Clnup Entity Provid:		**RLF EPA Fund:**	
Signed Rpt Dt:		**RLF Cost Share:**	
Direct Clnup Tot Fnd:		**RLF Prog Income:**	
Direct Clnup Fnd Src:		**RLF Lvg Fund Src:**	
Fund Amt Expnded:		**RLF Lvg Fund Entity:**	
Source of Funding:		**RLF Lvg Fund Amt:**	
Past Use Resiential:		**RLF Subgrant Signed:**	

Past Use Greenspace:		**Subgrant EPA Fund:**	
Past Use Industrial:		**Subgrant Cost Shr:**	
Past Use Commercial:			
Coop Agmt Recipnt:	R9 TBA - California (Pre-law Superfund TBA)		
Clnup Compet Doc2:			
Climate Adapt Mitg1:			
Climate Adapt Mitg2:			

Brownfields Details

Registry I:	110015335234	**SF El He C:**	
EPA ID:		**SF IC Ind:**	
EPA Region:	09	**SF NPL Cod:**	
Cat No:	18070106	**SF NPL C 1:**	
RCRA Handl:		**FF SF Ind:**	
RCRA Curre:		**Map Symbol:**	B
RCRA Remed:		**Data Refre:**	04-Feb-2024
RCRA Const:		**New Site:**	
RCRA El He:		**BF RLF Gra:**	
RCRA El Gm:		**BF RLF Pil:**	
RCRA Rem 1:		**BF Assess :**	
RCRA Ec Gw:		**BF Cleanup:**	
RCRA Ec Ng:		**BF Tba Ind:**	Y
RCRA IC Ep:		**BF 128a In:**	
RCRA IC Gc:		**BF IC Code:**	U
RCRA IC ID:		**BF IC Gc I:**	U
RCRA IC Pr:		**BF IC Ep I:**	U
FF RCRA In:		**BF IC ID I:**	U
RCRA Ec Co:		**BF IC Pr I:**	U
RCRA IC Co:		**BF Assess1:**	
RCRA Gpra :		**BF Multipu:**	
RCRA Rem 2:		**BF Awp Ind:**	
RCRA Dru 1:		**BF Showcas:**	
SF Site ID:		**BF 128a P :**	
SF Ec Ind:		**Congressio:**	CA-43
SF El Gm C:		**Stimulus B:**	
Ind Name:			
Cat Name:	San Gabriel		
Sub Name:	San Gabriel		
Primary Name:	COCKATOO MIDDLE SCHOOL SITE-COCKATOO-APN 4047-001-020		
RCRA Drupa:			
Repow Ref :	https://cimc.epa.gov/ords/cimc/f?p=CIMC:REPOWER:::::P33_REF:14763		
Url:	https://obipublic11.epa.gov/analytics/saw.dll?PortalPages&Action=Navigate&col1=ACRES_GRANT_EXPORT.PROPERTY_ID&val1=%2211285.0%22&PortalPath=/shared/CIMC/_portal/CIMC&Page=Profile+Page		
Census Url:	https://ejscreen.epa.gov/mapper/demogreportpdf.aspx?report=census2010sf1&coords=-118.3524835%2C33.9308859&feattype=point&radius=1.0		
ACS Url:	https://ejscreen.epa.gov/mapper/demogreportpdf.aspx?report=acs2017&coords=-118.3524835%2C33.9308859&feattype=point&radius=1.0		

SAA Site:	
Sf Brac Ty:	
Sf Archive:	
Sf Ffdocke:	
Sf Npl C 3:	
Sf Npl C 2:	
Sf Npl C 1:	
SF Site Na:	
SF Non N 1:	
SF Non N 2:	
SF Non N 3:	
SF Non Npl:	
BF Prope 1:	Cockatoo Middle School Site-Cockatoo-Apn 4047-002-003
RCRA Han 1:	
RCRA Rau I:	
REPOW BF:	SGB
REPOW Re 1:	RE-Powering Site Profile
REPOW Ref1:	14763

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
32	23 of29	W	0.32 / 1,714.05	72.46 / 1	Cockatoo Middle School Site-Cockatoo-Apn 4047-002-018 HAWTHORNE BLVD & IMPERIAL HIGHWAY HAWTHORNE CA 90250	FED BROWNFIELDS

Property ID:	11295	**County:**	LOS ANGELES
Lat Measure:	33.9308859	**Latitude (Map):**	33.9308859
Long Measure:	-118.3524835	**Longitude (Map):**	-118.3524835
Property Name:	Cockatoo Middle School Site-Cockatoo-Apn 4047-002-018		
Address:	HAWTHORNE BLVD & IMPERIAL HIGHWAY		
City:	HAWTHORNE		
State Code:	CA		
Zip Code:	90250		
Primary Name (Map):	COCKATOO MIDDLE SCHOOL SITE-COCKATOO-APN 4047-001-020		
Location Address (Map):	HAWTHORNE BLVD & IMPERIAL HIGHWAY		
City Name (Map):	HAWTHORNE		
County Name (Map):	LOS ANGELES		
State Code (Map):	CA		
Postal Code (Map):	90250		
Data Source:	Cleanups in My Community (CIMC) Cleanups and Grants Listing Export - Brownfield Properties; Cleanups in My Community (CIMC) Web Application - Brownfield Properties (Map)		

Property Details (Cleanups in My Community)

ID No:		**Size Acres:**	8.
NFA Letter Date:		**Parcel No:**	
Media Affected:		**Property Enrolled:**	
Media Cleaned Up:		**Radius:**	.5
Contaminants REC:		**Census Tract:**	06037602103
Contams Actionable:		**2010 # Below Poverty:**	4110.
Contams < Actionble:		**2010 Below Poverty:**	27.52
Contamnts Cleanup:		**2010 Median Income:**	14658.
Tanks Removal:		**2010 No Low Income:**	8022.
Cleanup Needed:	U	**2010 Low Income:**	53.72
Cleanup Treatment:		**2010 No Vacant Hous:**	248.
Excavation Disposl:		**2010 Vacant Housing:**	5.62
Contams Extractn:		**2010 # Unemployed:**	564.
Reduc Contams:		**2010 Unemployed:**	3.78
Additional Clnup:		**Tech Capping:**	
Institutional Cleanup:	U	**Secur Guard Fence:**	
Institutional Cleanup:		**Immobilization:**	
Engineering Needed:		**Eng Barriers:**	
Eng Control:		**Proprietary Cntrl:**	
Additnl Inst Control:		**Info Device:**	
Additnl Eng Control:		**Govt Cntrl:**	
Inst Control Date:		**Enf Permit Tool:**	
Eng Control Date:		**Clnup Struct Remov:**	
Property Alias:			
Property Owner:			
Address Source URL:			
Address Source URL:			
Address Source URL:			
Other:			

Activity Details(Cleanups in My Community)

Coop Agmt No:	n/a	**Redev Actvy Funded:**	
Program Name:		**Redev Start Dt:**	
Activity Funded:		**Redev Compl date:**	
Type CA Fund:	Hazardous	**Redev Fund Entity:**	
Funding Entity:	EPA	**Redev Residential:**	
Assessmnt Start Dt:	09/12/2001	**Redev Greenspace:**	
Assessmnt Compl Dt:	09/12/2001	**Redev Industrial:**	
Clnup Actvy Start Dt:		**Redev Commercial:**	

Clnup Actvy Comp Dt:		**# of Redev Jobs:**	
Acres Cleaned Up:		**RLF Signed Dt:**	
Clnup Funding Src:		**RLF Intest Rate:**	
Clnup Entity Provid:		**RLF EPA Fund:**	
Signed Rpt Dt:		**RLF Cost Share:**	
Direct Clnup Tot Fnd:		**RLF Prog Income:**	
Direct Clnup Fnd Src:		**RLF Lvg Fund Src:**	
Fund Amt Expnded:		**RLF Lvg Fund Entity:**	
Source of Funding:		**RLF Lvg Fund Amt:**	
Past Use Resiential:		**RLF Subgrant Signed:**	
Past Use Greenspace:		**Subgrant EPA Fund:**	
Past Use Industrial:		**Subgrant Cost Shr:**	
Past Use Commercial:			
Coop Agmt Recipnt:	R9 TBA - California (Pre-law Superfund TBA)		
Clnup Compet Doc2:			
Climate Adapt Mitg1:			
Climate Adapt Mitg2:			

Brownfields Details

Registry I:	110015335234	**SF El He C:**	
EPA ID:		**SF IC Ind:**	
EPA Region:	09	**SF NPL Cod:**	
Cat No:	18070106	**SF NPL C 1:**	
RCRA Handl:		**FF SF Ind:**	
RCRA Curre:		**Map Symbol:**	B
RCRA Remed:		**Data Refre:**	04-Feb-2024
RCRA Const:		**New Site:**	
RCRA El He:		**BF RLF Gra:**	
RCRA El Gm:		**BF RLF Pil:**	
RCRA Rem 1:		**BF Assess :**	
RCRA Ec Gw:		**BF Cleanup:**	
RCRA Ec Ng:		**BF Tba Ind:**	Y
RCRA IC Ep:		**BF 128a In:**	
RCRA IC Gc:		**BF IC Code:**	U
RCRA IC ID:		**BF IC Gc I:**	U
RCRA IC Pr:		**BF IC Ep I:**	U
FF RCRA In:		**BF IC ID I:**	U
RCRA Ec Co:		**BF IC Pr I:**	U
RCRA IC Co:		**BF Assess1:**	
RCRA Gpra :		**BF Multipu:**	
RCRA Rem 2:		**BF Awp Ind:**	
RCRA Dru 1:		**BF Showcas:**	
SF Site ID:		**BF 128a P :**	
SF Ec Ind:		**Congressio:**	CA-43
SF El Gm C:		**Stimulus B:**	
Ind Name:			
Cat Name:	San Gabriel		
Sub Name:	San Gabriel		
Primary Name:	COCKATOO MIDDLE SCHOOL SITE-COCKATOO-APN 4047-001-020		
RCRA Drupa:			
Repow Ref :	https://cimc.epa.gov/ords/cimc/f?p=CIMC:REPOWER:::::P33_REF:31243		
Url:	https://obipublic11.epa.gov/analytics/saw.dll?PortalPages&Action=Navigate&col1=ACRES_GRANT_EXPORT.PROPERTY_ID&val1=%2211295.0%22&PortalPath=/shared/CIMC/_portal/CIMC&Page=Profile+Page		
Census Url:	https://ejscreen.epa.gov/mapper/demogreportpdf.aspx?report=census2010sf1&coords=-118.3524835%2C33.9308859&feattype=point&radius=1.0		
ACS Url:	https://ejscreen.epa.gov/mapper/demogreportpdf.aspx?report=acs2017&coords=-118.3524835%2C33.9308859&feattype=point&radius=1.0		

SAA Site:	
Sf Brac Ty:	
Sf Archive:	
Sf Ffdocke:	
Sf Npl C 3:	
Sf Npl C 2:	
Sf Npl C 1:	
SF Site Na:	
SF Non N 1:	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

SF Non N 2:	
SF Non N 3:	
SF Non Npl:	
BF Prope 1:	Cockatoo Middle School Site-Cockatoo-Apn 4047-002-018
RCRA Han 1:	
RCRA Rau I:	
REPOW BF:	SGB
REPOW Re 1:	RE-Powering Site Profile
REPOW Ref1:	31243

32	24 of29	W	0.32 / 1,714.05	72.46 / 1	Cockatoo Middle School Site- Cockatoo-Apn 4047-002-007 HAWTHORNE BLVD & IMPERIAL HIGHWAY HAWTHORNE CA 90250	FED BROWNFIELDS

Property ID:	11289	**County:**	LOS ANGELES
Lat Measure:	33.9308859	**Latitude (Map):**	33.9308859
Long Measure:	-118.3524835	**Longitude (Map):**	-118.3524835
Property Name:	Cockatoo Middle School Site-Cockatoo-Apn 4047-002-007		
Address:	HAWTHORNE BLVD & IMPERIAL HIGHWAY		
City:	HAWTHORNE		
State Code:	CA		
Zip Code:	90250		
Primary Name (Map):	COCKATOO MIDDLE SCHOOL SITE-COCKATOO-APN 4047-001-020		
Location Address (Map):	HAWTHORNE BLVD & IMPERIAL HIGHWAY		
City Name (Map):	HAWTHORNE		
County Name (Map):	LOS ANGELES		
State Code (Map):	CA		
Postal Code (Map):	90250		
Data Source:	Cleanups in My Community (CIMC) Cleanups and Grants Listing Export - Brownfield Properties; Cleanups in My Community (CIMC) Web Application - Brownfield Properties (Map)		

Property Details (Cleanups in My Community)

ID No:		**Size Acres:**	8.
NFA Letter Date:		**Parcel No:**	
Media Affected:		**Property Enrolled:**	
Media Cleaned Up:		**Radius:**	.5
Contaminants REC:		**Census Tract:**	06037602103
Contams Actionable:		**2010 # Below Poverty:**	4110.
Contams < Actionble:		**2010 Below Poverty:**	27.52
Contamnts Cleanup:		**2010 Median Income:**	14658.
Tanks Removal:		**2010 No Low Income:**	8022.
Cleanup Needed:	U	**2010 Low Income:**	53.72
Cleanup Treatment:		**2010 No Vacant Hous:**	248.
Excavation Disposl:		**2010 Vacant Housing:**	5.62
Contams Extractn:		**2010 # Unemployed:**	564.
Reduc Contams:		**2010 Unemployed:**	3.78
Additional Clnup:		**Tech Capping:**	
Institutional Cleanup:	U	**Secur Guard Fence:**	
Institutional Cleanup:		**Immobilization:**	
Engineering Needed:		**Eng Barriers:**	
Eng Control:		**Proprietary Cntrl:**	
Additnl Inst Control:		**Info Device:**	
Additnl Eng Control:		**Govt Cntrl:**	
Inst Control Date:		**Enf Permit Tool:**	
Eng Control Date:		**Clnup Struct Remov:**	
Property Alias:			
Property Owner:			
Address Source URL:			
Address Source URL:			
Address Source URL:			
Other:			

Activity Details(Cleanups in My Community)

Coop Agmt No:	n/a	***Redev Actvy Funded:***	
Program Name:		***Redev Start Dt:***	
Activity Funded:		***Redev Compl date:***	
Type CA Fund:	Hazardous	***Redev Fund Entity:***	
Funding Entity:	EPA	***Redev Residential:***	
Assessmnt Start Dt:	09/12/2001	***Redev Greenspace:***	
Assessmnt Compl Dt:	09/12/2001	***Redev Industrial:***	
Clnup Actvy Start Dt:		***Redev Commercial:***	
Clnup Actvy Comp Dt:		***# of Redev Jobs:***	
Acres Cleaned Up:		***RLF Signed Dt:***	
Clnup Funding Src:		***RLF Intest Rate:***	
Clnup Entity Provid:		***RLF EPA Fund:***	
Signed Rpt Dt:		***RLF Cost Share:***	
Direct Clnup Tot Fnd:		***RLF Prog Income:***	
Direct Clnup Fnd Src:		***RLF Lvg Fund Src:***	
Fund Amt Expnded:		***RLF Lvg Fund Entity:***	
Source of Funding:		***RLF Lvg Fund Amt:***	
Past Use Resiential:		***RLF Subgrant Signed:***	
Past Use Greenspace:		***Subgrant EPA Fund:***	
Past Use Industrial:		***Subgrant Cost Shr:***	
Past Use Commercial:			
Coop Agmt Recipnt:	R9 TBA - California (Pre-law Superfund TBA)		
Clnup Compet Doc2:			
Climate Adapt Mitg1:			
Climate Adapt Mitg2:			

Brownfields Details

Registry I:	110015335234	***SF El He C:***	
EPA ID:		***SF IC Ind:***	
EPA Region:	09	***SF NPL Cod:***	
Cat No:	18070106	***SF NPL C 1:***	
RCRA Handl:		***FF SF Ind:***	
RCRA Curre:		***Map Symbol:***	B
RCRA Remed:		***Data Refre:***	04-Feb-2024
RCRA Const:		***New Site:***	
RCRA El He:		***BF RLF Gra:***	
RCRA El Gm:		***BF RLF Pil:***	
RCRA Rem 1:		***BF Assess :***	
RCRA Ec Gw:		***BF Cleanup:***	
RCRA Ec Ng:		***BF Tba Ind:***	Y
RCRA IC Ep:		***BF 128a In:***	
RCRA IC Gc:		***BF IC Code:***	U
RCRA IC ID:		***BF IC Gc I:***	U
RCRA IC Pr:		***BF IC Ep I:***	U
FF RCRA In:		***BF IC ID I:***	U
RCRA Ec Co:		***BF IC Pr I:***	U
RCRA IC Co:		***BF Assess1:***	
RCRA Gpra :		***BF Multipu:***	
RCRA Rem 2:		***BF Awp Ind:***	
RCRA Dru 1:		***BF Showcas:***	
SF Site ID:		***BF 128a P :***	
SF Ec Ind:		***Congressio:***	CA-43
SF El Gm C:		***Stimulus B:***	
Ind Name:			
Cat Name:	San Gabriel		
Sub Name:	San Gabriel		
Primary Name:	COCKATOO MIDDLE SCHOOL SITE-COCKATOO-APN 4047-001-020		
RCRA Drupa:			
Repow Ref :	https://cimc.epa.gov/ords/cimc/f?p=CIMC:REPOWER:::::P33_REF:24701		
Url:	https://obipublic11.epa.gov/analytics/saw.dll?PortalPages&Action=Navigate&col1=ACRES_GRANT_EXPORT.PROPERTY_ID&val1=%2211289.0%22&PortalPath=/shared/CIMC/_portal/CIMC&Page=Profile+Page		
Census Url:	https://ejscreen.epa.gov/mapper/demogreportpdf.aspx?report=census2010sf1&coords=-118.3524835%2C33.9308859&feattype=point&radius=1.0		
ACS Url:	https://ejscreen.epa.gov/mapper/demogreportpdf.aspx?report=acs2017&coords=-118.3524835%2C33.9308859&feattype=point&radius=1.0		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

SAA Site:
Sf Brac Ty:
Sf Archive:
Sf Ffdocke:
Sf Npl C 3:
Sf Npl C 2:
Sf Npl C 1:
SF Site Na:
SF Non N 1:
SF Non N 2:
SF Non N 3:
SF Non Npl:
BF Prope 1: Cockatoo Middle School Site-Cockatoo-Apn 4047-002-007
RCRA Han 1:
RCRA Rau I:
REPOW BF: SGB
REPOW Re 1: RE-Powering Site Profile
REPOW Ref1: 24701

32	*25 of29*	*W*	*0.32 / 1,714.05*	*72.46 / 1*	***Cockatoo Middle School Site-Cockatoo-Apn 4047-002-001 HAWTHORNE BLVD & IMPERIAL HIGHWAY HAWTHORNE CA 90250***	***FED BROWNFIELDS***

Property ID:	11302	***County:***	LOS ANGELES
Lat Measure:	33.9308859	***Latitude (Map):***	33.9308859
Long Measure:	-118.3524835	***Longitude (Map):***	-118.3524835

Property Name: Cockatoo Middle School Site-Cockatoo-Apn 4047-002-001
Address: HAWTHORNE BLVD & IMPERIAL HIGHWAY
City: HAWTHORNE
State Code: CA
Zip Code: 90250
Primary Name (Map): COCKATOO MIDDLE SCHOOL SITE-COCKATOO-APN 4047-001-020
Location Address (Map): HAWTHORNE BLVD & IMPERIAL HIGHWAY
City Name (Map): HAWTHORNE
County Name (Map): LOS ANGELES
State Code (Map): CA
Postal Code (Map): 90250
Data Source: Cleanups in My Community (CIMC) Cleanups and Grants Listing Export - Brownfield Properties; Cleanups in My Community (CIMC) Web Application - Brownfield Properties (Map)

Property Details (Cleanups in My Community)

ID No:		***Size Acres:***	8.
NFA Letter Date:		***Parcel No:***	
Media Affected:		***Property Enrolled:***	
Media Cleaned Up:		***Radius:***	.5
Contaminants REC:		***Census Tract:***	06037602103
Contams Actionable:		***2010 # Below Poverty:***	4110.
Contams < Actionble:		***2010 Below Poverty:***	27.52
Contamnts Cleanup:		***2010 Median Income:***	14658.
Tanks Removal:		***2010 No Low Income:***	8022.
Cleanup Needed:	U	***2010 Low Income:***	53.72
Cleanup Treatment:		***2010 No Vacant Hous:***	248.
Excavation Disposl:		***2010 Vacant Housing:***	5.62
Contams Extractn:		***2010 # Unemployed:***	564.
Reduc Contams:		***2010 Unemployed:***	3.78
Additional Clnup:		***Tech Capping:***	
Institutional Cleanup:	U	***Secur Guard Fence:***	
Institutional Cleanup:		***Immobilization:***	
Engineering Needed:		***Eng Barriers:***	
Eng Control:		***Proprietary Cntrl:***	
Additnl Inst Control:		***Info Device:***	
Additnl Eng Control:		***Govt Cntrl:***	

Inst Control Date:		**Enf Permit Tool:**	
Eng Control Date:		**Clnup Struct Remov:**	
Property Alias:			
Property Owner:			
Address Source URL:			
Address Source URL:			
Address Source URL:			
Other:			

Activity Details(Cleanups in My Community)

Coop Agmt No:	n/a	**Redev Actvy Funded:**	
Program Name:		**Redev Start Dt:**	
Activity Funded:		**Redev Compl date:**	
Type CA Fund:	Hazardous	**Redev Fund Entity:**	
Funding Entity:	EPA	**Redev Residential:**	
Assessmnt Start Dt:	09/12/2001	**Redev Greenspace:**	
Assessmnt Compl Dt:	09/12/2001	**Redev Industrial:**	
Clnup Actvy Start Dt:		**Redev Commercial:**	
Clnup Actvy Comp Dt:		**# of Redev Jobs:**	
Acres Cleaned Up:		**RLF Signed Dt:**	
Clnup Funding Src:		**RLF Intest Rate:**	
Clnup Entity Provid:		**RLF EPA Fund:**	
Signed Rpt Dt:		**RLF Cost Share:**	
Direct Clnup Tot Fnd:		**RLF Prog Income:**	
Direct Clnup Fnd Src:		**RLF Lvg Fund Src:**	
Fund Amt Expnded:		**RLF Lvg Fund Entity:**	
Source of Funding:		**RLF Lvg Fund Amt:**	
Past Use Resiential:		**RLF Subgrant Signed:**	
Past Use Greenspace:		**Subgrant EPA Fund:**	
Past Use Industrial:		**Subgrant Cost Shr:**	
Past Use Commercial:			
Coop Agmt Recipnt:	R9 TBA - California (Pre-law Superfund TBA)		
Clnup Compet Doc2:			
Climate Adapt Mitg1:			
Climate Adapt Mitg2:			

Brownfields Details

Registry I:	110015335234	**SF El He C:**	
EPA ID:		**SF IC Ind:**	
EPA Region:	09	**SF NPL Cod:**	
Cat No:	18070106	**SF NPL C 1:**	
RCRA Handl:		**FF SF Ind:**	
RCRA Curre:		**Map Symbol:**	B
RCRA Remed:		**Data Refre:**	04-Feb-2024
RCRA Const:		**New Site:**	
RCRA El He:		**BF RLF Gra:**	
RCRA El Gm:		**BF RLF Pil:**	
RCRA Rem 1:		**BF Assess :**	
RCRA Ec Gw:		**BF Cleanup:**	
RCRA Ec Ng:		**BF Tba Ind:**	Y
RCRA IC Ep:		**BF 128a In:**	
RCRA IC Gc:		**BF IC Code:**	U
RCRA IC ID:		**BF IC Gc I:**	U
RCRA IC Pr:		**BF IC Ep I:**	U
FF RCRA In:		**BF IC ID I:**	U
RCRA Ec Co:		**BF IC Pr I:**	U
RCRA IC Co:		**BF Assess1:**	
RCRA Gpra :		**BF Multipu:**	
RCRA Rem 2:		**BF Awp Ind:**	
RCRA Dru 1:		**BF Showcas:**	
SF Site ID:		**BF 128a P :**	
SF Ec Ind:		**Congressio:**	CA-43
SF El Gm C:		**Stimulus B:**	
Ind Name:			
Cat Name:	San Gabriel		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Sub Name:	San Gabriel
Primary Name:	COCKATOO MIDDLE SCHOOL SITE-COCKATOO-APN 4047-001-020
RCRA Drupa:	
Repow Ref :	https://cimc.epa.gov/ords/cimc/f?p=CIMC:REPOWER:::::P33_REF:21282
Url:	https://obipublic11.epa.gov/analytics/saw.dll?PortalPages&Action=Navigate&col1=ACRES_GRANT_EXPORT.PROPERTY_ID&val1=%2211302.0%22&PortalPath=/shared/CIMC/_portal/CIMC&Page=Profile+Page
Census Url:	https://ejscreen.epa.gov/mapper/demogreportpdf.aspx?report=census2010sf1&coords=-118.3524835%2C33.9308859&feattype=point&radius=1.0
ACS Url:	https://ejscreen.epa.gov/mapper/demogreportpdf.aspx?report=acs2017&coords=-118.3524835%2C33.9308859&feattype=point&radius=1.0
SAA Site:	
Sf Brac Ty:	
Sf Archive:	
Sf Ffdocke:	
Sf Npl C 3:	
Sf Npl C 2:	
Sf Npl C 1:	
SF Site Na:	
SF Non N 1:	
SF Non N 2:	
SF Non N 3:	
SF Non Npl:	
BF Prope 1:	Cockatoo Middle School Site-Cockatoo-Apn 4047-002-001
RCRA Han 1:	
RCRA Rau I:	
REPOW BF:	SGB
REPOW Re 1:	RE-Powering Site Profile
REPOW Ref1:	21282

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
32	26 of29	W	0.32 / 1,714.05	72.46 / 1	Cockatoo Middle School Site-Cockatoo-Apn 4047-001-009 HAWTHORNE BLVD & IMPERIAL HIGHWAY HAWTHORNE CA 90250	FED BROWNFIELDS

Property ID:	11280	**County:**	LOS ANGELES
Lat Measure:	33.9308859	**Latitude (Map):**	33.9308859
Long Measure:	-118.3524835	**Longitude (Map):**	-118.3524835
Property Name:	Cockatoo Middle School Site-Cockatoo-Apn 4047-001-009		
Address:	HAWTHORNE BLVD & IMPERIAL HIGHWAY		
City:	HAWTHORNE		
State Code:	CA		
Zip Code:	90250		
Primary Name (Map):	COCKATOO MIDDLE SCHOOL SITE-COCKATOO-APN 4047-001-020		
Location Address (Map):	HAWTHORNE BLVD & IMPERIAL HIGHWAY		
City Name (Map):	HAWTHORNE		
County Name (Map):	LOS ANGELES		
State Code (Map):	CA		
Postal Code (Map):	90250		
Data Source:	Cleanups in My Community (CIMC) Cleanups and Grants Listing Export - Brownfield Properties; Cleanups in My Community (CIMC) Web Application - Brownfield Properties (Map)		

Property Details (Cleanups in My Community)

ID No:		**Size Acres:**	8.
NFA Letter Date:		**Parcel No:**	
Media Affected:		**Property Enrolled:**	
Media Cleaned Up:		**Radius:**	.5
Contaminants REC:		**Census Tract:**	06037602103
Contams Actionable:		**2010 # Below Poverty:**	4110.
Contams < Actionble:		**2010 Below Poverty:**	27.52
Contamnts Cleanup:		**2010 Median Income:**	14658.
Tanks Removal:		**2010 No Low Income:**	8022.
Cleanup Needed:	U	**2010 Low Income:**	53.72
Cleanup Treatment:		**2010 No Vacant Hous:**	248.

Excavation Disposl:		**2010 Vacant Housing:**	5.62
Contams Extractn:		**2010 # Unemployed:**	564.
Reduc Contams:		**2010 Unemployed:**	3.78
Additional Clnup:		**Tech Capping:**	
Institutional Cleanup:	U	**Secur Guard Fence:**	
Institutional Cleanup:		**Immobilization:**	
Engineering Needed:		**Eng Barriers:**	
Eng Control:		**Proprietary Cntrl:**	
Additnl Inst Control:		**Info Device:**	
Additnl Eng Control:		**Govt Cntrl:**	
Inst Control Date:		**Enf Permit Tool:**	
Eng Control Date:		**Clnup Struct Remov:**	
Property Alias:			
Property Owner:			
Address Source URL:			
Address Source URL:			
Address Source URL:			
Other:			

Activity Details(Cleanups in My Community)

Coop Agmt No:	n/a	**Redev Actvy Funded:**	
Program Name:		**Redev Start Dt:**	
Activity Funded:		**Redev Compl date:**	
Type CA Fund:	Hazardous	**Redev Fund Entity:**	
Funding Entity:	EPA	**Redev Residential:**	
Assessmnt Start Dt:	09/12/2001	**Redev Greenspace:**	
Assessmnt Compl Dt:	09/12/2001	**Redev Industrial:**	
Clnup Actvy Start Dt:		**Redev Commercial:**	
Clnup Actvy Comp Dt:		**# of Redev Jobs:**	
Acres Cleaned Up:		**RLF Signed Dt:**	
Clnup Funding Src:		**RLF Intest Rate:**	
Clnup Entity Provid:		**RLF EPA Fund:**	
Signed Rpt Dt:		**RLF Cost Share:**	
Direct Clnup Tot Fnd:		**RLF Prog Income:**	
Direct Clnup Fnd Src:		**RLF Lvg Fund Src:**	
Fund Amt Expnded:		**RLF Lvg Fund Entity:**	
Source of Funding:		**RLF Lvg Fund Amt:**	
Past Use Resiential:		**RLF Subgrant Signed:**	
Past Use Greenspace:		**Subgrant EPA Fund:**	
Past Use Industrial:		**Subgrant Cost Shr:**	
Past Use Commercial:			
Coop Agmt Recipnt:	R9 TBA - California (Pre-law Superfund TBA)		
Clnup Compet Doc2:			
Climate Adapt Mitg1:			
Climate Adapt Mitg2:			

Brownfields Details

Registry I:	110015335234	**SF El He C:**	
EPA ID:		**SF IC Ind:**	
EPA Region:	09	**SF NPL Cod:**	
Cat No:	18070106	**SF NPL C 1:**	
RCRA Handl:		**FF SF Ind:**	
RCRA Curre:		**Map Symbol:**	B
RCRA Remed:		**Data Refre:**	04-Feb-2024
RCRA Const:		**New Site:**	
RCRA El He:		**BF RLF Gra:**	
RCRA El Gm:		**BF RLF Pil:**	
RCRA Rem 1:		**BF Assess :**	
RCRA Ec Gw:		**BF Cleanup:**	
RCRA Ec Ng:		**BF Tba Ind:**	Y
RCRA IC Ep:		**BF 128a In:**	
RCRA IC Gc:		**BF IC Code:**	U
RCRA IC ID:		**BF IC Gc I:**	U
RCRA IC Pr:		**BF IC Ep I:**	U
FF RCRA In:		**BF IC ID I:**	U

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

RCRA Ec Co:		**BF IC Pr I:**	U
RCRA IC Co:		**BF Assess1:**	
RCRA Gpra :		**BF Multipu:**	
RCRA Rem 2:		**BF Awp Ind:**	
RCRA Dru 1:		**BF Showcas:**	
SF Site ID:		**BF 128a P :**	
SF Ec Ind:		**Congressio:**	CA-43
SF El Gm C:		**Stimulus B:**	
Ind Name:			
Cat Name:	San Gabriel		
Sub Name:	San Gabriel		
Primary Name:	COCKATOO MIDDLE SCHOOL SITE-COCKATOO-APN 4047-001-020		
RCRA Drupa:			
Repow Ref :	https://cimc.epa.gov/ords/cimc/f?p=CIMC:REPOWER:::::P33_REF:11531		
Url:	https://obipublic11.epa.gov/analytics/saw.dll?PortalPages&Action=Navigate&col1=ACRES_GRANT_EXPORT.PROPERTY_ID&val1=%2211280.0%22&PortalPath=/shared/CIMC/_portal/CIMC&Page=Profile+Page		
Census Url:	https://ejscreen.epa.gov/mapper/demogreportpdf.aspx?report=census2010sf1&coords=-118.3524835%2C33.9308859&feattype=point&radius=1.0		
ACS Url:	https://ejscreen.epa.gov/mapper/demogreportpdf.aspx?report=acs2017&coords=-118.3524835%2C33.9308859&feattype=point&radius=1.0		
SAA Site:			
Sf Brac Ty:			
Sf Archive:			
Sf Ffdocke:			
Sf Npl C 3:			
Sf Npl C 2:			
Sf Npl C 1:			
SF Site Na:			
SF Non N 1:			
SF Non N 2:			
SF Non N 3:			
SF Non Npl:			
BF Prope 1:	Cockatoo Middle School Site-Cockatoo-Apn 4047-001-009		
RCRA Han 1:			
RCRA Rau I:			
REPOW BF:	SGB		
REPOW Re 1:	RE-Powering Site Profile		
REPOW Ref1:	11531		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
32	27 of29	W	0.32 / 1,714.05	72.46 / 1	**Cockatoo Middle School Site-Cockatoo-Apn 4047-001-017** **HAWTHORNE BLVD & IMPERIAL HIGHWAY** **HAWTHORNE CA 90250**	**FED BROWNFIELDS**

Property ID:	11283	**County:**	LOS ANGELES
Lat Measure:	33.9308859	**Latitude (Map):**	33.9308859
Long Measure:	-118.3524835	**Longitude (Map):**	-118.3524835
Property Name:	Cockatoo Middle School Site-Cockatoo-Apn 4047-001-017		
Address:	HAWTHORNE BLVD & IMPERIAL HIGHWAY		
City:	HAWTHORNE		
State Code:	CA		
Zip Code:	90250		
Primary Name (Map):	COCKATOO MIDDLE SCHOOL SITE-COCKATOO-APN 4047-001-020		
Location Address (Map):	HAWTHORNE BLVD & IMPERIAL HIGHWAY		
City Name (Map):	HAWTHORNE		
County Name (Map):	LOS ANGELES		
State Code (Map):	CA		
Postal Code (Map):	90250		
Data Source:	Cleanups in My Community (CIMC) Cleanups and Grants Listing Export - Brownfield Properties; Cleanups in My Community (CIMC) Web Application - Brownfield Properties (Map)		

Property Details (Cleanups in My Community)

ID No:		**Size Acres:**	8.

NFA Letter Date:		**Parcel No:**	
Media Affected:		**Property Enrolled:**	
Media Cleaned Up:		**Radius:**	.5
Contaminants REC:		**Census Tract:**	06037602103
Contams Actionable:		**2010 # Below Poverty:**	4110.
Contams < Actionble:		**2010 Below Poverty:**	27.52
Contamnts Cleanup:		**2010 Median Income:**	14658.
Tanks Removal:		**2010 No Low Income:**	8022.
Cleanup Needed:	U	**2010 Low Income:**	53.72
Cleanup Treatment:		**2010 No Vacant Hous:**	248.
Excavation Disposl:		**2010 Vacant Housing:**	5.62
Contams Extractn:		**2010 # Unemployed:**	564.
Reduc Contams:		**2010 Unemployed:**	3.78
Additional Clnup:		**Tech Capping:**	
Institutional Cleanup:	U	**Secur Guard Fence:**	
Institutional Cleanup:		**Immobilization:**	
Engineering Needed:		**Eng Barriers:**	
Eng Control:		**Proprietary Cntrl:**	
Additnl Inst Control:		**Info Device:**	
Additnl Eng Control:		**Govt Cntrl:**	
Inst Control Date:		**Enf Permit Tool:**	
Eng Control Date:		**Clnup Struct Remov:**	
Property Alias:			
Property Owner:			
Address Source URL:			
Address Source URL:			
Address Source URL:			
Other:			

Activity Details(Cleanups in My Community)

Coop Agmt No:	n/a	**Redev Actvy Funded:**	
Program Name:		**Redev Start Dt:**	
Activity Funded:		**Redev Compl date:**	
Type CA Fund:	Hazardous	**Redev Fund Entity:**	
Funding Entity:	EPA	**Redev Residential:**	
Assessmnt Start Dt:	09/12/2001	**Redev Greenspace:**	
Assessmnt Compl Dt:	09/12/2001	**Redev Industrial:**	
Clnup Actvy Start Dt:		**Redev Commercial:**	
Clnup Actvy Comp Dt:		**# of Redev Jobs:**	
Acres Cleaned Up:		**RLF Signed Dt:**	
Clnup Funding Src:		**RLF Intest Rate:**	
Clnup Entity Provid:		**RLF EPA Fund:**	
Signed Rpt Dt:		**RLF Cost Share:**	
Direct Clnup Tot Fnd:		**RLF Prog Income:**	
Direct Clnup Fnd Src:		**RLF Lvg Fund Src:**	
Fund Amt Expnded:		**RLF Lvg Fund Entity:**	
Source of Funding:		**RLF Lvg Fund Amt:**	
Past Use Resiential:		**RLF Subgrant Signed:**	
Past Use Greenspace:		**Subgrant EPA Fund:**	
Past Use Industrial:		**Subgrant Cost Shr:**	
Past Use Commercial:			
Coop Agmt Recipnt:	R9 TBA - California (Pre-law Superfund TBA)		
Clnup Compet Doc2:			
Climate Adapt Mitg1:			
Climate Adapt Mitg2:			

Brownfields Details

Registry I:	110015335234	**SF EI He C:**	
EPA ID:		**SF IC Ind:**	
EPA Region:	09	**SF NPL Cod:**	
Cat No:	18070106	**SF NPL C 1:**	
RCRA Handl:		**FF SF Ind:**	
RCRA Curre:		**Map Symbol:**	B
RCRA Remed:		**Data Refre:**	04-Feb-2024
RCRA Const:		**New Site:**	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

RCRA El He:		**BF RLF Gra:**	
RCRA El Gm:		**BF RLF Pil:**	
RCRA Rem 1:		**BF Assess :**	
RCRA Ec Gw:		**BF Cleanup:**	
RCRA Ec Ng:		**BF Tba Ind:**	Y
RCRA IC Ep:		**BF 128a In:**	
RCRA IC Gc:		**BF IC Code:**	U
RCRA IC ID:		**BF IC Gc I:**	U
RCRA IC Pr:		**BF IC Ep I:**	U
FF RCRA In:		**BF IC ID I:**	U
RCRA Ec Co:		**BF IC Pr I:**	U
RCRA IC Co:		**BF Assess1:**	
RCRA Gpra :		**BF Multipu:**	
RCRA Rem 2:		**BF Awp Ind:**	
RCRA Dru 1:		**BF Showcas:**	
SF Site ID:		**BF 128a P :**	
SF Ec Ind:		**Congressio:**	CA-43
SF El Gm C:		**Stimulus B:**	

Ind Name:
Cat Name: San Gabriel
Sub Name: San Gabriel
Primary Name: COCKATOO MIDDLE SCHOOL SITE-COCKATOO-APN 4047-001-020
RCRA Drupa:
Repow Ref : https://cimc.epa.gov/ords/cimc/f?p=CIMC:REPOWER:::::P33_REF:27939
Url: https://obipublic11.epa.gov/analytics/saw.dll?PortalPages&Action=Navigate&col1=ACRES_GRANT_EXPORT.PROPERTY_ID&val1=%2211283.0%22&PortalPath=/shared/CIMC/_portal/CIMC&Page=Profile+Page
Census Url: https://ejscreen.epa.gov/mapper/demogreportpdf.aspx?report=census2010sf1&coords=-118.3524835%2C33.9308859&feattype=point&radius=1.0
ACS Url: https://ejscreen.epa.gov/mapper/demogreportpdf.aspx?report=acs2017&coords=-118.3524835%2C33.9308859&feattype=point&radius=1.0

SAA Site:
Sf Brac Ty:
Sf Archive:
Sf Ffdocke:
Sf Npl C 3:
Sf Npl C 2:
Sf Npl C 1:
SF Site Na:
SF Non N 1:
SF Non N 2:
SF Non N 3:
SF Non Npl:
BF Prope 1: Cockatoo Middle School Site-Cockatoo-Apn 4047-001-017
RCRA Han 1:
RCRA Rau I:
REPOW BF: SGB
REPOW Re 1: RE-Powering Site Profile
REPOW Ref1: 27939

32	28 of29	W	0.32 / 1,714.05	72.46 / 1	**Cockatoo Middle School Site-Cockatoo-Apn 4047-002-013** **HAWTHORNE BLVD & IMPERIAL HIGHWAY** **HAWTHORNE CA 90250**	**FED BROWNFIELDS**

Property ID:	11290	**County:**	LOS ANGELES
Lat Measure:	33.9308859	**Latitude (Map):**	33.9308859
Long Measure:	-118.3524835	**Longitude (Map):**	-118.3524835

Property Name: Cockatoo Middle School Site-Cockatoo-Apn 4047-002-013
Address: HAWTHORNE BLVD & IMPERIAL HIGHWAY
City: HAWTHORNE
State Code: CA
Zip Code: 90250
Primary Name (Map): COCKATOO MIDDLE SCHOOL SITE-COCKATOO-APN 4047-001-020
Location Address (Map): HAWTHORNE BLVD & IMPERIAL HIGHWAY
City Name (Map): HAWTHORNE

County Name (Map):	LOS ANGELES
State Code (Map):	CA
Postal Code (Map):	90250
Data Source:	Cleanups in My Community (CIMC) Cleanups and Grants Listing Export - Brownfield Properties; Cleanups in My Community (CIMC) Web Application - Brownfield Properties (Map)

Property Details (Cleanups in My Community)

ID No:		**Size Acres:**	8.
NFA Letter Date:		**Parcel No:**	
Media Affected:		**Property Enrolled:**	
Media Cleaned Up:		**Radius:**	.5
Contaminants REC:		**Census Tract:**	06037602103
Contams Actionable:		**2010 # Below Poverty:**	4110.
Contams < Actionble:		**2010 Below Poverty:**	27.52
Contamnts Cleanup:		**2010 Median Income:**	14658.
Tanks Removal:		**2010 No Low Income:**	8022.
Cleanup Needed:	U	**2010 Low Income:**	53.72
Cleanup Treatment:		**2010 No Vacant Hous:**	248.
Excavation Disposl:		**2010 Vacant Housing:**	5.62
Contams Extractn:		**2010 # Unemployed:**	564.
Reduc Contams:		**2010 Unemployed:**	3.78
Additional Clnup:		**Tech Capping:**	
Institutional Cleanup:	U	**Secur Guard Fence:**	
Institutional Cleanup:		**Immobilization:**	
Engineering Needed:		**Eng Barriers:**	
Eng Control:		**Proprietary Cntrl:**	
Additnl Inst Control:		**Info Device:**	
Additnl Eng Control:		**Govt Cntrl:**	
Inst Control Date:		**Enf Permit Tool:**	
Eng Control Date:		**Clnup Struct Remov:**	
Property Alias:			
Property Owner:			
Address Source URL:			
Address Source URL:			
Address Source URL:			
Other:			

Activity Details(Cleanups in My Community)

Coop Agmt No:	n/a	**Redev Actvy Funded:**	
Program Name:		**Redev Start Dt:**	
Activity Funded:		**Redev Compl date:**	
Type CA Fund:	Hazardous	**Redev Fund Entity:**	
Funding Entity:	EPA	**Redev Residential:**	
Assessmnt Start Dt:	09/12/2001	**Redev Greenspace:**	
Assessmnt Compl Dt:	09/12/2001	**Redev Industrial:**	
Clnup Actvy Start Dt:		**Redev Commercial:**	
Clnup Actvy Comp Dt:		**# of Redev Jobs:**	
Acres Cleaned Up:		**RLF Signed Dt:**	
Clnup Funding Src:		**RLF Intest Rate:**	
Clnup Entity Provid:		**RLF EPA Fund:**	
Signed Rpt Dt:		**RLF Cost Share:**	
Direct Clnup Tot Fnd:		**RLF Prog Income:**	
Direct Clnup Fnd Src:		**RLF Lvg Fund Src:**	
Fund Amt Expnded:		**RLF Lvg Fund Entity:**	
Source of Funding:		**RLF Lvg Fund Amt:**	
Past Use Resiential:		**RLF Subgrant Signed:**	
Past Use Greenspace:		**Subgrant EPA Fund:**	
Past Use Industrial:		**Subgrant Cost Shr:**	
Past Use Commercial:			
Coop Agmt Recipnt:	R9 TBA - California (Pre-law Superfund TBA)		
Clnup Compet Doc2:			
Climate Adapt Mitg1:			
Climate Adapt Mitg2:			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Brownfields Details

Registry I:	110015335234	***SF El He C:***	
EPA ID:		***SF IC Ind:***	
EPA Region:	09	***SF NPL Cod:***	
Cat No:	18070106	***SF NPL C 1:***	
RCRA Handl:		***FF SF Ind:***	
RCRA Curre:		***Map Symbol:***	B
RCRA Remed:		***Data Refre:***	04-Feb-2024
RCRA Const:		***New Site:***	
RCRA El He:		***BF RLF Gra:***	
RCRA El Gm:		***BF RLF Pil:***	
RCRA Rem 1:		***BF Assess :***	
RCRA Ec Gw:		***BF Cleanup:***	
RCRA Ec Ng:		***BF Tba Ind:***	Y
RCRA IC Ep:		***BF 128a In:***	
RCRA IC Gc:		***BF IC Code:***	U
RCRA IC ID:		***BF IC Gc I:***	U
RCRA IC Pr:		***BF IC Ep I:***	U
FF RCRA In:		***BF IC ID I:***	U
RCRA Ec Co:		***BF IC Pr I:***	U
RCRA IC Co:		***BF Assess1:***	
RCRA Gpra :		***BF Multipu:***	
RCRA Rem 2:		***BF Awp Ind:***	
RCRA Dru 1:		***BF Showcas:***	
SF Site ID:		***BF 128a P :***	
SF Ec Ind:		***Congressio:***	CA-43
SF El Gm C:		***Stimulus B:***	
Ind Name:			
Cat Name:	San Gabriel		
Sub Name:	San Gabriel		
Primary Name:	COCKATOO MIDDLE SCHOOL SITE-COCKATOO-APN 4047-001-020		
RCRA Drupa:			
Repow Ref :	https://cimc.epa.gov/ords/cimc/f?p=CIMC:REPOWER:::::P33_REF:31242		
Url:	https://obipublic11.epa.gov/analytics/saw.dll?PortalPages&Action=Navigate&col1=ACRES_GRANT_EXPORT.PROPERTY_ID&val1=%2211290.0%22&PortalPath=/shared/CIMC/_portal/CIMC&Page=Profile+Page		
Census Url:	https://ejscreen.epa.gov/mapper/demogreportpdf.aspx?report=census2010sf1&coords=-118.3524835%2C33.9308859&feattype=point&radius=1.0		
ACS Url:	https://ejscreen.epa.gov/mapper/demogreportpdf.aspx?report=acs2017&coords=-118.3524835%2C33.9308859&feattype=point&radius=1.0		
SAA Site:			
Sf Brac Ty:			
Sf Archive:			
Sf Ffdocke:			
Sf Npl C 3:			
Sf Npl C 2:			
Sf Npl C 1:			
SF Site Na:			
SF Non N 1:			
SF Non N 2:			
SF Non N 3:			
SF Non Npl:			
BF Prope 1:	Cockatoo Middle School Site-Cockatoo-Apn 4047-002-013		
RCRA Han 1:			
RCRA Rau I:			
REPOW BF:	SGB		
REPOW Re 1:	RE-Powering Site Profile		
REPOW Ref1:	31242		

32	***29 of29***	***W***	***0.32 / 1,714.05***	***72.46 / 1***	***Cockatoo Middle School Site-Cockatoo-Apn 4047-002-014 HAWTHORNE BLVD & IMPERIAL HIGHWAY HAWTHORNE CA 90250***	***FED BROWNFIELDS***

Property ID:	11291	***County:***	LOS ANGELES

Lat Measure:	33.9308859	**Latitude (Map):**	33.9308859
Long Measure:	-118.3524835	**Longitude (Map):**	-118.3524835
Property Name:	Cockatoo Middle School Site-Cockatoo-Apn 4047-002-014		
Address:	HAWTHORNE BLVD & IMPERIAL HIGHWAY		
City:	HAWTHORNE		
State Code:	CA		
Zip Code:	90250		
Primary Name (Map):	COCKATOO MIDDLE SCHOOL SITE-COCKATOO-APN 4047-001-020		
Location Address (Map):	HAWTHORNE BLVD & IMPERIAL HIGHWAY		
City Name (Map):	HAWTHORNE		
County Name (Map):	LOS ANGELES		
State Code (Map):	CA		
Postal Code (Map):	90250		
Data Source:	Cleanups in My Community (CIMC) Cleanups and Grants Listing Export - Brownfield Properties; Cleanups in My Community (CIMC) Web Application - Brownfield Properties (Map)		

Property Details (Cleanups in My Community)

ID No:		**Size Acres:**	8.
NFA Letter Date:		**Parcel No:**	
Media Affected:		**Property Enrolled:**	
Media Cleaned Up:		**Radius:**	.5
Contaminants REC:		**Census Tract:**	06037602103
Contams Actionable:		**2010 # Below Poverty:**	4110.
Contams < Actionble:		**2010 Below Poverty:**	27.52
Contamnts Cleanup:		**2010 Median Income:**	14658.
Tanks Removal:		**2010 No Low Income:**	8022.
Cleanup Needed:	U	**2010 Low Income:**	53.72
Cleanup Treatment:		**2010 No Vacant Hous:**	248.
Excavation Disposl:		**2010 Vacant Housing:**	5.62
Contams Extractn:		**2010 # Unemployed:**	564.
Reduc Contams:		**2010 Unemployed:**	3.78
Additional Clnup:		**Tech Capping:**	
Institutional Cleanup:	U	**Secur Guard Fence:**	
Institutional Cleanup:		**Immobilization:**	
Engineering Needed:		**Eng Barriers:**	
Eng Control:		**Proprietary Cntrl:**	
Additnl Inst Control:		**Info Device:**	
Additnl Eng Control:		**Govt Cntrl:**	
Inst Control Date:		**Enf Permit Tool:**	
Eng Control Date:		**Clnup Struct Remov:**	
Property Alias:			
Property Owner:			
Address Source URL:			
Address Source URL:			
Address Source URL:			
Other:			

Activity Details(Cleanups in My Community)

Coop Agmt No:	n/a	**Redev Actvy Funded:**	
Program Name:		**Redev Start Dt:**	
Activity Funded:		**Redev Compl date:**	
Type CA Fund:	Hazardous	**Redev Fund Entity:**	
Funding Entity:	EPA	**Redev Residential:**	
Assessmnt Start Dt:	09/12/2001	**Redev Greenspace:**	
Assessmnt Compl Dt:	09/12/2001	**Redev Industrial:**	
Clnup Actvy Start Dt:		**Redev Commercial:**	
Clnup Actvy Comp Dt:		**# of Redev Jobs:**	
Acres Cleaned Up:		**RLF Signed Dt:**	
Clnup Funding Src:		**RLF Intest Rate:**	
Clnup Entity Provid:		**RLF EPA Fund:**	
Signed Rpt Dt:		**RLF Cost Share:**	
Direct Clnup Tot Fnd:		**RLF Prog Income:**	
Direct Clnup Fnd Src:		**RLF Lvg Fund Src:**	
Fund Amt Expnded:		**RLF Lvg Fund Entity:**	
Source of Funding:		**RLF Lvg Fund Amt:**	

Past Use Resiential:		**RLF Subgrant Signed:**	
Past Use Greenspace:		**Subgrant EPA Fund:**	
Past Use Industrial:		**Subgrant Cost Shr:**	
Past Use Commercial:			
Coop Agmt Recipnt:	R9 TBA - California (Pre-law Superfund TBA)		
Clnup Compet Doc2:			
Climate Adapt Mitg1:			
Climate Adapt Mitg2:			

Brownfields Details

Registry I:	110015335234	**SF El He C:**	
EPA ID:		**SF IC Ind:**	
EPA Region:	09	**SF NPL Cod:**	
Cat No:	18070106	**SF NPL C 1:**	
RCRA Handl:		**FF SF Ind:**	
RCRA Curre:		**Map Symbol:**	B
RCRA Remed:		**Data Refre:**	04-Feb-2024
RCRA Const:		**New Site:**	
RCRA El He:		**BF RLF Gra:**	
RCRA El Gm:		**BF RLF Pil:**	
RCRA Rem 1:		**BF Assess :**	
RCRA Ec Gw:		**BF Cleanup:**	
RCRA Ec Ng:		**BF Tba Ind:**	Y
RCRA IC Ep:		**BF 128a In:**	
RCRA IC Gc:		**BF IC Code:**	U
RCRA IC ID:		**BF IC Gc I:**	U
RCRA IC Pr:		**BF IC Ep I:**	U
FF RCRA In:		**BF IC ID I:**	U
RCRA Ec Co:		**BF IC Pr I:**	U
RCRA IC Co:		**BF Assess1:**	
RCRA Gpra :		**BF Multipu:**	
RCRA Rem 2:		**BF Awp Ind:**	
RCRA Dru 1:		**BF Showcas:**	
SF Site ID:		**BF 128a P :**	
SF Ec Ind:		**Congressio:**	CA-43
SF El Gm C:		**Stimulus B:**	
Ind Name:			
Cat Name:	San Gabriel		
Sub Name:	San Gabriel		
Primary Name:	COCKATOO MIDDLE SCHOOL SITE-COCKATOO-APN 4047-001-020		
RCRA Drupa:			
Repow Ref :	https://cimc.epa.gov/ords/cimc/f?p=CIMC:REPOWER:::::P33_REF:34580		
Url:	https://obipublic11.epa.gov/analytics/saw.dll?PortalPages&Action=Navigate&col1=ACRES_GRANT_EXPORT.PROPERTY_ID&val1=%2211291.0%22&PortalPath=/shared/CIMC/_portal/CIMC&Page=Profile+Page		
Census Url:	https://ejscreen.epa.gov/mapper/demogreportpdf.aspx?report=census2010sf1&coords=-118.3524835%2C33.9308859&feattype=point&radius=1.0		
ACS Url:	https://ejscreen.epa.gov/mapper/demogreportpdf.aspx?report=acs2017&coords=-118.3524835%2C33.9308859&feattype=point&radius=1.0		

SAA Site:	
Sf Brac Ty:	
Sf Archive:	
Sf Ffdocke:	
Sf Npl C 3:	
Sf Npl C 2:	
Sf Npl C 1:	
SF Site Na:	
SF Non N 1:	
SF Non N 2:	
SF Non N 3:	
SF Non Npl:	
BF Prope 1:	Cockatoo Middle School Site-Cockatoo-Apn 4047-002-014
RCRA Han 1:	
RCRA Rau I:	
REPOW BF:	SGB
REPOW Re 1:	RE-Powering Site Profile

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

REPOW Ref1: 34580

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33 | **1 of2** | **SW** | **0.34 / 1,808.03** | **72.46 / 1** | **HAWTHORNE HOUSING PROJECT** | **ENVIROSTOR**

INGLEWOOD CA

Estor/EPA ID: 80001016
Site Code:
Nat Priority List: NO
APN: NONE SPECIFIED
Census Tract: 6037602104
Site Type: FUDS
Address Description:
Office: CLEANUP CYPRESS
Special Program:
Funding: DERA
Assembly District: 61
Senate District: 35
Permit Renewal Lead:
Public Partici Spclst:
Project Manager:
County: LOS ANGELES
Latitude: 33.9261111111111
Longitude: -118.35
Acres: 0 ACRES
Supervisor: EILEEN MANANIAN
Cleanup Status: INACTIVE - NEEDS EVALUATION AS OF 7/1/2005
Cleanup Oversight Agencies: DTSC - SITE CLEANUP PROGRAM - LEAD AGENCY
School District:
Past Use that Caused Contam: NONE SPECIFIED
Potential Media Affected: NONE SPECIFIED
Potential Contamin of Concern:

NONE SPECIFIED

Site History:

Status: INACTIVE - NEEDS EVALUATION
Program Type: MILITARY EVALUATION
CalEnviroScreen Score: 90-95%
Summary Link: https://www.envirostor.dtsc.ca.gov/public/profile_report?global_id=80001016

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33 | **2 of2** | **SW** | **0.34 / 1,808.03** | **72.46 / 1** | **HAWTHORNE HOUSING PROJECT** | **FUDS**

INGLEWOOD CA

FUDS Property No: J09CA7379
EMS Map Link: https://fudsportal.usace.army.mil/ems/inventory/map?id=63115
FUDS INST ID: CA99799FA40600
Status: Properties without projects
SDS ID:
NPL Status Code:
Eligibility: Ineligible
Site Eligib:
Current Owner: PRIV: PRIVATE Several private muli-families
Has Project: No
DOD FUDS Pro: J09CA7379
Project Required: No
No Further Action:
Congressional District: 43
Congressional Dist 117: 43
Media ID:
Metadata ID:
Feature Desc:
EPA Region: 09
County: LOS ANGELES
Latitude: 33.92611111
Longitude: -118.35
Fiscal year: 2021
USACE Division: SPD
USACE District: Los Angeles District (SPL)
Centroid Lat:
Centroid Long:
Se Anno Cad Data:
Shape Length:
Shape Area:
Shape Len:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

X: -118.349975586
Y: 33.9262084960001
Data Source: U.S. Army Corps of Engineers Geospatial Open Data
Feature Description:

On January 30, 1946, the United States of America leased 7.84 acres of urban land for the Hawthorne Housing project from the property owner, Emma L. Leuzinger. The government constructed twenty-three buildings, a water system, a sewage system, streets, walks and miscellaneous improvements that were used by the War Relocation Authority (WRA) for temporary housing. On April 16, 1946, the buildings and fixtures on the site were declared surplus by the WRA to the War Assets Administration (WAA). On May 7, 1946, the buildings and fixtures were assigned to the Los Angeles Region of the WAA for disposal. The buildings and structures were then transferred to the Federal Public Housing Authority (FPHA) on December 3, 1946. The FPHA later returned the buildings and fixtures back to the War Assets Administration on March 21, 1947. The buildings and fixtures were finally reassigned to the Los Angeles Region of the WAA on June 20, 1947. A letter from the WAA dated September 15, 1947, indicates that the administrator authorized payment of $4,000 cash and conveyance of title to all government-owned improvements on the subject property to Emma L. Leuzinger, lessor, in lieu of physical restoration. A letter from the WAA Los Angeles Region dated November 4, 1947, reports that disposal actions at the Hawthorne Housing Project have been concluded.

Property History:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
34	1 of1	W	0.34 / 1,815.88	72.46 / 1	UNOCAL #5865 4410 IMPERIAL HWY W HAWTHORNE CA 90304	LUST

Global ID: T0603703509
Site Facility Type: LUST CLEANUP SITE
Site Fac Type (SRCH): LUST CLEANUP SITE
Status:
Status (SRCH): COMPLETED - CASE CLOSED
Status (DL): Completed - Case Closed
Status Date (DL): 1/14/2015
Cleanup Status: COMPLETED - CASE CLOSED
Case Type (DL): LUST Cleanup Site
Oil Field (SRCH):
Oil Field Oper (SRCH):
Census Tract (SRCH): 6037602103
Latitude (DL): 33.930670082683
Longitude (DL): -118.353130501852
RWQCB Region (DL): LOS ANGELES RWQCB (REGION 4)
Site Facility Name (SRCH): UNOCAL #5865
Address (SRCH): 4410 IMPERIAL HWY W
City (SRCH): HAWTHORNE
Zip (SRCH): 90304
County (SRCH): LOS ANGELES
Street No (DL): 4410
Street Name (DL): IMPERIAL HWY W
City (DL): HAWTHORNE
Zip (DL): 90304
County (DL): Los Angeles
State (DL): CA
Business Name (DL): UNOCAL #5865
Site Facility Name: UNOCAL #5865
Address : 4410 IMPERIAL HWY W
City : HAWTHORNE
Zip : 90304
County : LOS ANGELES
Report Source: GeoTracker Search Results (SRCH);GeoTracker Sites Data Download (DL);GeoTracker Search Results Report

GeoTracker Sites Data Download - Site Details

CUF Case: NO
Lead Agency: LOS ANGELES RWQCB (REGION 4)
Case Worker: AT
Local Agency: LOS ANGELES COUNTY
RB Case No: I-09887
Local Case No:
File Location: Regional Board
Potential COC: Gasoline
Potential Media of Concern: Aquifer used for drinking water supply
Begin Date: 2/16/1993
How Discovered: Other Means
How Discovered Description:
Stop Method:
Stop Description:
Calwater Watershed Name: Dominguez Channel (411.01)

DWR GW Subbasin Name:	Coastal Plain Of Los Angeles - West Coast (4-011.03)
Disadvantaged Community:	
CalEnvScreen Score:	
Coordinate Source:	Google Map Move
Discharge Cause:	Other
Discharge Source:	Tank
EPA Region:	9
Leak Reported Dt:	1993-02-16 00:00:00
Military DoD Site:	No
No Further Action Dt:	2015-01-14 00:00:00
Qty Rlsd Gallons:	
Facility Project Sub Type:	
Calenviroscreen 3 Score:	86-90%
Calenviroscreen 4 Score:	90-95%
Site History:	

GeoTracker Sites Data Download - Regulatory Contacts

Contact Type:	Regional Board Caseworker - Primary Caseworker
Contact Name:	ARMAN TOUMARI
Organization Name:	LOS ANGELES RWQCB (REGION 4)
Address:	320 WEST 4TH STREET, SUITE 200
City:	LOS ANGELES
Email:	atoumari@waterboards.ca.gov
Phone No:	2135766708

Contact Type:	Local Agency Caseworker
Contact Name:	JOHN AWUJO
Organization Name:	LOS ANGELES COUNTY
Address:	900 S FREMONT AVE
City:	ALHAMBRA
Email:	jawujo@dpw.lacounty.gov
Phone No:	6264583507

GeoTracker Sites Data Download - Status History

Status:	Completed - Case Closed
Status Date:	1/14/2015

Status:	Open - Eligible for Closure
Status Date:	6/28/2013

Status:	Open - Remediation
Status Date:	1/19/2006

Status:	Open - Remediation
Status Date:	8/13/2004

Status:	Open - Site Assessment
Status Date:	4/14/1994

Status:	Open - Site Assessment
Status Date:	4/9/1993

Status:	Open - Site Assessment
Status Date:	2/16/1993

Status:	Open - Case Begin Date
Status Date:	2/16/1993

GeoTracker Search - Regulatory Profile (as of June 5, 2024)

Site Facility Name:	UNOCAL #5865
Site Facility Type:	LUST CLEANUP SITE
Cleanup Status:	COMPLETED - CASE CLOSED

Address:	4410 IMPERIAL HWY W
City:	HAWTHORNE
Zip:	90304
County:	LOS ANGELES
Report Link:	https://geotracker.waterboards.ca.gov/profile_report?global_id=T0603703509
Cleanup Status Detail:	COMPLETED - CASE CLOSED AS OF 1/14/2015
Project Status:	
Cleanup History Link:	https://geotracker.waterboards.ca.gov/profile_report_include?global_id=T0603703509&tabname=regulatoryhistory
Potential COC:	GASOLINE
Potential Media of Concern:	AQUIFER USED FOR DRINKING WATER SUPPLY
File Location:	REGIONAL BOARD
User Defined Beneficial Use:	
Designated Beneficial Use:	MUN, AGR, IND, PROC, 4 - Note: No MYN underlying ports of LA, LBeach - Note: No MYN underlying ports of LA, LBeach, or ElSug
DWR GW Sub Basin:	Coastal Plain Of Los Angeles - West Coast (4-011.03)
Calwater Watershed Name:	Dominguez Channel (411.01)
Post Closure Site Management:	
Future Land Use:	
Cleanup Oversight Agencies:	LOS ANGELES RWQCB (REGION 4) (LEAD) - CASE #: I-09887 CASE MANAGER: ARMAN TOUMARI LOS ANGELES COUNTY CASE MANAGER: JOHN AWUJO
CUF Claim No:	CP0024
CUF Priority Assig:	
CUF Amount Paid:	$2,299,161
WDR Place Type:	
WDR File No:	
WDR Order No:	
Project Oversight Agencies:	
Facility Type:	
Composting Method:	
Grndwtr Monitoring Frequency:	# OF WELLS MONITORED - SEMI-ANNUALLY : 15
Designated Beneficial Use Desc:	Municipal and Domestic Supply, Agricultural Supply, Industrial Service Supply, Industrial Process Supply, 4 - Note: No MYN underlying ports of LA, LBeach - Note: No MYN underlying ports of LA, LBeach, or ElSug
Site History:	

No site history available

GeoTracker Search - Cleanup Status History (as of June 5, 2024)

Status:	Completed - Case Closed
Date :	1/14/2015
Status:	Open - Eligible for Closure
Date :	6/28/2013
Status:	Open - Remediation
Date :	1/19/2006
Status:	Open - Remediation
Date :	8/13/2004
Status:	Open - Site Assessment
Date :	4/14/1994
Status:	Open - Site Assessment
Date :	4/9/1993
Status:	Open - Site Assessment
Date :	2/16/1993
Status:	Open - Case Begin Date
Date :	2/16/1993

GeoTracker Search - Cleanup Action Report (as of June 5, 2024)

Action Type: OTHER (USE DESCRIPTION FIELD)
Begin Date: 5/1/2000
End Date: 11/30/2002
Phase: Water
Contaminant Mass Removed:
Description: Dual Phase Extraction

Action Type: SOIL VAPOR EXTRACTION (SVE)
Begin Date: 12/1/1999
End Date: 6/30/2000
Phase: Water
Contaminant Mass Removed: 19,503 Pounds
Description:

Action Type: EXCAVATION
Begin Date: 6/1/1994
End Date: 6/30/1994
Phase: Soil
Contaminant Mass Removed: 300 Tons
Description:

GeoTracker Search - Regulatory Activities (as of June 5, 2024)

Action Type: Other Regulatory Actions
Action: Closure/No Further Action Letter
Action Date: 1/14/2015
Received Issue Date: 1/14/2015
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0603703509&enforcement_id=6233299&temptable=ENFORCEMENT
Title Description Comments:

Closure

Action Type: Notices
Action: Notification - Preclosure
Action Date: 4/15/2014
Received Issue Date: 4/15/2014
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0603703509&enforcement_id=6200378&temptable=ENFORCEMENT
Title Description Comments:

Pre-Closure Letter

Action Type: Response Requested - Reports
Action: Monitoring Report - Semi-Annually
Action Date: 7/15/2013
Received Issue Date: 7/12/2013
Doc Link:
Title Description Comments:

2nd Qtr 2013 Groundwater Monitoring Report

Action Type: Response Requested - Reports
Action: Monitoring Report - Quarterly
Action Date: 4/15/2012
Received Issue Date: 4/15/2012
Doc Link:
Title Description Comments:

Action Type: Response Requested - Workplans
Action: Well Installation Workplan
Action Date: 4/15/2012
Received Issue Date: 4/15/2012
Doc Link:
Title Description Comments:

Action Type: Other Regulatory Actions
Action: Staff Letter
Action Date: 1/31/2012
Received Issue Date: 1/31/2012
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0603703509&enforcement_id=6112314&temptable=ENFORCEMENT
Title Description Comments:

Workplan Denial

Action Type: Response Requested - Reports
Action: Monitoring Report - Semi-Annually
Action Date: 7/15/2011
Received Issue Date: 7/21/2011
Doc Link:
Title Description Comments:

Action Type: Response Requested - Reports
Action: Monitoring Report - Semi-Annually
Action Date: 1/15/2011
Received Issue Date: 1/19/2011
Doc Link:
Title Description Comments:

Action Type: Response Requested - Reports
Action: Monitoring Report - Semi-Annually
Action Date: 7/15/2009
Received Issue Date: 7/15/2009
Doc Link:
Title Description Comments:

Action Type: Other Regulatory Actions
Action: Staff Letter
Action Date: 6/15/2009
Received Issue Date: 6/15/2009
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0603703509&enforcement_id=6023439&temptable=ENFORCEMENT
Title Description Comments:

Action Type: Response Requested - Reports
Action: Monitoring Report - Quarterly
Action Date: 4/15/2009
Received Issue Date: 5/15/2009
Doc Link:
Title Description Comments:

Action Type: Response Requested - Reports
Action: Monitoring Report - Quarterly
Action Date: 1/15/2009
Received Issue Date: 1/26/2009
Doc Link:
Title Description Comments:

Action Type: Response Requested - Reports
Action: Monitoring Report - Quarterly
Action Date: 10/15/2008
Received Issue Date: 10/29/2008
Doc Link:
Title Description Comments:

Action Type: Response Requested - Reports

Action: Monitoring Report - Quarterly
Action Date: 7/15/2008
Received Issue Date: 10/28/2008
Doc Link:
Title Description Comments:

Action Type: Response Requested - Reports
Action: Soil and Water Investigation Report
Action Date: 7/15/2008
Received Issue Date: 8/25/2008
Doc Link:
Title Description Comments:

Site Assessment Report

Action Type: Response Requested - Reports
Action: Monitoring Report - Quarterly
Action Date: 4/15/2008
Received Issue Date: 4/18/2008
Doc Link:
Title Description Comments:

Monitoring Report - Quarterly

Action Type: Response Requested - Reports
Action: Monitoring Report - Quarterly
Action Date: 1/15/2008
Received Issue Date: 1/16/2008
Doc Link:
Title Description Comments:

Monitoring Report - Quarterly

Action Type: Response Requested - Reports
Action: Monitoring Report - Quarterly
Action Date: 10/15/2007
Received Issue Date: 10/16/2007
Doc Link:
Title Description Comments:

Monitoring Report - Quarterly

Action Type: Response Requested - Reports
Action: Monitoring Report - Quarterly
Action Date: 7/15/2007
Received Issue Date: 7/27/2007
Doc Link:
Title Description Comments:

Monitoring Report - Quarterly

Action Type: Response Requested - Reports
Action: Monitoring Report - Quarterly
Action Date: 4/15/2007
Received Issue Date: 4/18/2007
Doc Link:
Title Description Comments:

Monitoring Report - Quarterly

Action Type: Response Requested - Reports
Action: Monitoring Report - Quarterly
Action Date: 1/15/2007

Received Issue Date: 3/1/2007
Doc Link:
Title Description Comments:

Monitoring Report - Quarterly

Action Type: Response Requested - Reports
Action: Monitoring Report - Quarterly
Action Date: 10/15/2006
Received Issue Date: 10/25/2006
Doc Link:
Title Description Comments:

Monitoring Report - Quarterly

Action Type: Response Requested - Reports
Action: Monitoring Report - Quarterly
Action Date: 7/15/2006
Received Issue Date: 7/31/2006
Doc Link:
Title Description Comments:

Monitoring Report - Quarterly

Action Type: Response Requested - Reports
Action: Well Installation Report
Action Date: 1/15/2006
Received Issue Date: 4/17/2006
Doc Link:
Title Description Comments:

Well Installation Report

Action Type: Response Requested - Reports
Action: Monitoring Report - Quarterly
Action Date: 1/15/2006
Received Issue Date: 1/19/2006
Doc Link:
Title Description Comments:

Monitoring Report - Quarterly - QMR 4/05

Action Type: Response Requested - Reports
Action: Remedial Progress Report
Action Date: 1/15/2006
Received Issue Date: 1/19/2006
Doc Link:
Title Description Comments:

Remedial Progress Report

Action Type: Other Regulatory Actions
Action: Staff Letter
Action Date: 10/17/2005
Received Issue Date: 10/17/2005
Doc Link:
Title Description Comments:

Action Type: Response Requested - Reports
Action: Monitoring Report - Quarterly
Action Date: 10/15/2005
Received Issue Date: 10/20/2005
Doc Link:

Title Description Comments:

Monitoring Report - Quarterly

Action Type: Response Requested - Reports
Action: Monitoring Report - Quarterly
Action Date: 7/15/2005
Received Issue Date: 7/18/2005
Doc Link:
Title Description Comments:

Monitoring Report - Quarterly - QMR 2/05

Action Type: Response Requested - Reports
Action: Monitoring Report - Quarterly
Action Date: 4/15/2005
Received Issue Date: 4/27/2005
Doc Link:
Title Description Comments:

Monitoring Report - Quarterly - QMR 1/05

Action Type: Response Requested - Workplans
Action: CAP/RAP - Final Remediation / Design Plan
Action Date: *1/15/2005
Received Issue Date: 6/21/2005
Doc Link:
Title Description Comments:

CAP/RAP - Final Remediation / Design Plan

Action Type: Response Requested - Reports
Action: Monitoring Report - Quarterly
Action Date: 1/15/2005
Received Issue Date: 1/26/2005
Doc Link:
Title Description Comments:

Monitoring Report - Quarterly

Action Type: Response Requested - Reports
Action: Monitoring Report - Quarterly
Action Date: 10/15/2004
Received Issue Date: 10/22/2004
Doc Link:
Title Description Comments:

Monitoring Report - Quarterly

Action Type: Response Requested - Reports
Action: Monitoring Report - Quarterly
Action Date: 7/15/2004
Received Issue Date: 7/28/2004
Doc Link:
Title Description Comments:

Monitoring Report - Quarterly

Action Type: Response Requested - Reports
Action: Monitoring Report - Quarterly
Action Date: 4/15/2004
Received Issue Date: 4/14/2004
Doc Link:

Title Description Comments:

Monitoring Report - Quarterly

Action Type: Response Requested - Reports
Action: Monitoring Report - Quarterly
Action Date: 1/15/2004
Received Issue Date: 1/20/2004
Doc Link:
Title Description Comments:

Monitoring Report - Quarterly

Action Type: Response Requested - Reports
Action: Monitoring Report - Quarterly
Action Date: 10/15/2003
Received Issue Date: 10/15/2003
Doc Link:
Title Description Comments:

Monitoring Report - Quarterly

Action Type: Response Requested - Reports
Action: Well Installation Report
Action Date: 10/15/2003
Received Issue Date: 10/15/2003
Doc Link:
Title Description Comments:

Well Installation Report

Action Type: Response Requested - Reports
Action: Monitoring Report - Quarterly
Action Date: 7/15/2003
Received Issue Date: 7/25/2003
Doc Link:
Title Description Comments:

Monitoring Report - Quarterly

Action Type: Response Requested - Reports
Action: Remedial Progress Report
Action Date: 7/15/2003
Received Issue Date: 7/11/2003
Doc Link:
Title Description Comments:

Remedial Progress Report

Action Type: Other Regulatory Actions
Action: Staff Letter
Action Date: 5/13/2003
Received Issue Date: 5/13/2003
Doc Link:
Title Description Comments:

Action Type: Response Requested - Reports
Action: Monitoring Report - Quarterly
Action Date: 4/15/2003
Received Issue Date: 4/25/2003
Doc Link:
Title Description Comments:

Monitoring Report - Quarterly - QMR 1/03

Action Type: Response Requested - Reports
Action: Monitoring Report - Quarterly
Action Date: 1/15/2003
Received Issue Date: 1/17/2003
Doc Link:
Title Description Comments:

Monitoring Report - Quarterly - QMR 4/02

Action Type: Response Requested - Reports
Action: Monitoring Report - Quarterly
Action Date: 10/15/2002
Received Issue Date: 10/24/2002
Doc Link:
Title Description Comments:

Monitoring Report - Quarterly - QMR 3/02

Action Type: Response Requested - Other
Action: Other Report / Document
Action Date: 7/31/2002
Received Issue Date: 7/9/2002
Doc Link:
Title Description Comments:

Additional Information Report - REQUEST FOR EDF

Action Type: Response Requested - Reports
Action: Interim Remedial Action Report
Action Date: 7/15/2002
Received Issue Date: 12/31/2002
Doc Link:
Title Description Comments:

Interim Remedial Action Report

Action Type: Response Requested - Reports
Action: Monitoring Report - Quarterly
Action Date: 7/15/2002
Received Issue Date: 7/22/2002
Doc Link:
Title Description Comments:

Monitoring Report - Quarterly - QMR 2/02

Action Type: Other Regulatory Actions
Action: Staff Letter
Action Date: 6/20/2002
Received Issue Date: 6/20/2002
Doc Link:
Title Description Comments:

REQUEST FOR EDF

Action Type: Response Requested - Other
Action: Other Report / Document
Action Date: 6/4/2002
Received Issue Date: 6/4/2002
Doc Link:
Title Description Comments:

Technical Report - COMMENT FROM TITHOLDER DUE

Action Type: Other Regulatory Actions
Action: Staff Letter
Action Date: 5/14/2002
Received Issue Date: 5/14/2002
Doc Link:
Title Description Comments:

Action Type: Response Requested - Workplans
Action: Interim Remedial Action Plan
Action Date: 4/15/2002
Received Issue Date: 4/12/2002
Doc Link:
Title Description Comments:

Interim Remedial Action Plan - IRAP

Action Type: Response Requested - Reports
Action: Soil and Water Investigation Report
Action Date: 4/15/2002
Received Issue Date: 4/12/2002
Doc Link:
Title Description Comments:

Soil and Water Investigation Report - SAP REPORT

Action Type: Other Regulatory Actions
Action: Staff Letter
Action Date: 11/27/2001
Received Issue Date: 11/27/2001
Doc Link:
Title Description Comments:

Action Type: Cleanup Action
Action: Other (Use Description Field)
Action Date: 5/1/2000
Received Issue Date:
Doc Link:
Title Description Comments:

Dual Phase Extraction

Action Type: Cleanup Action
Action: Soil Vapor Extraction (SVE)
Action Date: 12/1/1999
Received Issue Date:
Doc Link:
Title Description Comments:

Action Type: Cleanup Action
Action: Excavation
Action Date: 6/1/1994
Received Issue Date:
Doc Link:
Title Description Comments:

Action Type: Leak Action
Action: Leak Discovery
Action Date: 2/16/1993
Received Issue Date:
Doc Link:
Title Description Comments:

Action Type: Leak Action
Action: Leak Reported
Action Date: 2/16/1993
Received Issue Date:
Doc Link:
Title Description Comments:

GeoTracker Search - Documents (as of June 5, 2024)

Document Type: Site Documents ***Document Date:*** 1/14/2015
Type: CLOSURE/NO FURTHER ACTION LETTER ***Submitted:***
Submitted By: ERRICK LLAMAS (REGULATOR)
Title: CLOSURE
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0603703509&enforcement_id=6233299

Document Type: Site Documents ***Document Date:*** 4/15/2014
Type: NOTIFICATION - PRECLOSURE ***Submitted:***
Submitted By: ARMAN TOUMARI (REGULATOR)
Title: PRE-CLOSURE LETTER
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0603703509&enforcement_id=6200378

Document Type: Site Documents ***Document Date:*** 1/31/2012
Type: STAFF LETTER ***Submitted:***
Submitted By: ARMAN TOUMARI (REGULATOR)
Title: WORKPLAN DENIAL
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0603703509&enforcement_id=6112314

Document Type: Site Documents ***Document Date:*** 6/15/2009
Type: STAFF LETTER ***Submitted:***
Submitted By: (REGULATOR)
Title: STAFF LETTER
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0603703509&enforcement_id=6023439

Document Type: Monitoring Reports ***Document Date:*** 1/27/2009
Type: MONITORING REPORT - QUARTERLY ***Submitted:***
Submitted By: DENNIS ENGLAND (CONTRACTOR)
Title: FOURTH QUARTER 2008 GROUND WATER MONITORING REPORT
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/8358475208/T0603703509.PDF

Document Type: Monitoring Reports ***Document Date:*** 11/10/2008
Type: MONITORING REPORT - QUARTERLY ***Submitted:***
Submitted By: DENNIS ENGLAND (CONTRACTOR)
Title: SECOND QUARTER 2007 GROUND WATER MONITORING AND REMEDIATION REPORT PART 1
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/4998951554/T0603703509.PDF

Document Type: Monitoring Reports ***Document Date:*** 11/10/2008
Type: MONITORING REPORT - QUARTERLY ***Submitted:***
Submitted By: DENNIS ENGLAND (CONTRACTOR)
Title: SECOND QUARTER 2007 GROUND WATER MONITORING AND REMEDIATION REPORT PART 2
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/1632628500/T0603703509.PDF

Document Type: Monitoring Reports ***Document Date:*** 10/31/2008
Type: MONITORING REPORT - QUARTERLY ***Submitted:***
Submitted By: DENNIS ENGLAND (CONTRACTOR)
Title: THIRD QUARTER 2008 GROUND WATER MONITORING REPORT
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/8493432164/T0603703509.PDF

Document Type: Monitoring Reports ***Document Date:*** 10/31/2008
Type: MONITORING REPORT - QUARTERLY ***Submitted:***
Submitted By: DENNIS ENGLAND (CONTRACTOR)
Title: SECOND QUARTER 2008 GROUND WATER MONITORING AND REMEDIATION REPORT
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/5135860621/T0603703509.PDF

Document Type: Monitoring Reports ***Document Date:*** 4/15/2008
Type: MONITORING REPORT - QUARTERLY ***Submitted:***
Submitted By: DENNIS ENGLAND (CONTRACTOR)

Title: FIRST QUARTER 2008 GROUND WATER MONITORING AND REMEDIATION REPORT
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/8644377768/T0603703509.PDF

Document Type: Monitoring Reports **Document Date:** 2/6/2008*
Type: MONITORING REPORT - ANNUALLY **Submitted:**
Submitted By: DENNIS ENGLAND (CONTRACTOR)
Title: 2007 ANNUAL REMEDIATION REPORT
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/5928791880/T0603703509.PDF

Document Type: Monitoring Reports **Document Date:** 1/15/2008*
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Submitted By: DENNIS ENGLAND (CONTRACTOR)
Title: FOURTH QUARTER 2007 GROUND WATER MONITORING AND REMEDIATION REPORT
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/2518950521/T0603703509.PDF

Document Type: Monitoring Reports **Document Date:** 10/18/2007
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Submitted By: DENNIS ENGLAND (CONTRACTOR)
Title: THIRD QUARTER 2007 GROUND WATER MONITORING AND REMEDIATION REPORT
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/8692265391/T0603703509.PDF

Document Type: Monitoring Reports **Document Date:** 4/16/2007
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Submitted By: DENNIS ENGLAND (CONTRACTOR)
Title: FIRST QUARTER 2007 GROUND WATER MONITORING AND REMEDIATION REPORT
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/4851597428/T0603703509.PDF

Document Type: Monitoring Reports **Document Date:** 3/1/2007
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Submitted By: DENNIS ENGLAND (CONTRACTOR)
Title: FOURTH QUARTER 2006 GROUND WATER MONITORING REPORT
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/4078432977/T0603703509.PDF

Document Type: Monitoring Reports **Document Date:** 1/24/2007
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Submitted By: DENNIS ENGLAND (CONTRACTOR)
Title: THIRD QUARTER 2006 GROUND WATER MONITORING REPORT
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/2848416984/T0603703509.PDF

Document Type: Monitoring Reports **Document Date:** 11/1/2006
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Submitted By: DENNIS ENGLAND (CONTRACTOR)
Title: THIRD QUARTER 2006 GROUND WATER MONITORING REPORT
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/3747785270/T0603703509.PDF

Document Type: Monitoring Reports **Document Date:** 7/28/2006
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Submitted By: DENNIS ENGLAND (CONTRACTOR)
Title: SECOND QUARTER 2006 GROUND WATER MONITORING REPORT
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/5030302286/T0603703509.PDF

Document Type: Monitoring Reports **Document Date:** 5/15/2006
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Submitted By: DENNIS ENGLAND (AUTH_RP)
Title: FIRST QUARTER 2006 GROUND WATER MONITORING REPORT
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/1251101434/T0603703509.PDF

Document Type: Site Documents **Document Date:** 4/27/2006
Type: REPORTS - INVESTIGATION RPT. **Submitted:**
Submitted By: DENNIS ENGLAND (AUTH_RP)
Title: ADVANCED OXIDATION INJECTION WELL INSTALLATION REPORT (PART 2 OF 2)
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/3558074772/T0603703509.PDF

Document Type: Site Documents **Document Date:** 4/27/2006
Type: REPORTS - INVESTIGATION RPT. **Submitted:**
Submitted By: DENNIS ENGLAND (AUTH_RP)
Title: ADVANCED OXIDATION INJECTION WELL INSTALLATION REPORT (PART 1 OF 2)
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/1439695596/T0603703509.PDF

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

GeoTracker Search - Related Cases (as of June 5, 2024)

Identifier:	CP0024
Project Name:	ARCO #0087
Status:	COMPLETED - CASE CLOSED
Address:	11402 HAWTHORNE BLVD
City:	HAWTHORNE
Association:	Comingled Plume
Description:	SCUFIIS Comingled Plume
Project Link:	https://geotracker.waterboards.ca.gov/profile_report?global_id=T0603703896

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
35	1 of1	NW	0.37 / 1,943.30	71.46 / 0	RAMIRO MARTIN CASILLAS 11029-31-31.5 LARCH AVE INGLEWOOD CA 90304	RCRA TSD

EPA Handler ID:	CAC003017062
Gen Status Universe:	No Report
Contact Name:	RAMIRO MARTIN CASILLAS
Contact Address:	11029-31-31.5 LARCH AVE , , INGLEWOOD , CA, 90304 ,
Contact Phone No and Ext:	562-618-8828
Contact Email:	CSHIM@HJCONST.COM
Contact Country:	
Land Type:	
County Name:	LOS ANGELES
EPA Region:	09
Receive Date:	20190529
Location Latitude:	33.942708
Location Longitude:	-118.350468

Violation/Evaluation Summary

Note:	NO RECORDS: As of Apr 2024, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility:	No
Onsite Burner Exemption:	No
Smelting, Melting and Refining:	No
Underground Injection Control:	No
Commercial TSD:	No
Used Oil Transporter:	No
Used Oil Transfer Facility:	No
Used Oil Processor:	No
Used Oil Refiner:	No
Used Oil Burner:	No
Used Oil Market Burner:	No
Used Oil Spec Marketer:	No

Hazardous Waste Handler Details

Sequence No:	1
Receive Date:	20190529
Handler Name:	RAMIRO MARTIN CASILLAS
Federal Waste Generator Code:	N
Generator Code Description:	Not a Generator, Verified
Source Type:	Implementer
TSD Activity:	Y

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Owner/Operator Details

Owner/Operator Ind:	Current Owner	***Street No:***	
Type:	Other	***Street 1:***	11029-31-31.5 LARCH AVE
Name:	RAMIRO MARTIN CASILLAS	***Street 2:***	
Date Became Current:		***City:***	INGLEWOOD
Date Ended Current:		***State:***	CA
Phone:	562-618-8828	***Country:***	
Source Type:	Implementer	***Zip Code:***	90304

Owner/Operator Ind:	Current Operator	***Street No:***	
Type:	Other	***Street 1:***	11029-31-31.5 LARCH AVE
Name:	RAMIRO MARTIN CASILLAS	***Street 2:***	
Date Became Current:		***City:***	INGLEWOOD
Date Ended Current:		***State:***	CA
Phone:	562-618-8828	***Country:***	
Source Type:	Implementer	***Zip Code:***	90304

36	*1 of2*	***WSW***	***0.40 / 2,087.83***	***72.24 / 1***	***SHELL SERVICE STATION 11741 HAWTHORNE BLVD. HAWTHORNE CA 90250***	***LUST***

Global ID:	T0603789550	***Case Type (DL):***	LUST Cleanup Site
Site Facility Type:	LUST CLEANUP SITE	***Oil Field (SRCH):***	
Site Fac Type (SRCH):	LUST CLEANUP SITE	***Oil Field Oper (SRCH):***	
Status:		***Census Tract (SRCH):***	6037602103
Status (SRCH):	COMPLETED - CASE CLOSED	***Latitude (DL):***	33.927562
Status (DL):	Completed - Case Closed	***Longitude (DL):***	-118.353054
Status Date (DL):	10/6/2016	***RWQCB Region (DL):***	LOS ANGELES RWQCB (REGION 4)
Cleanup Status:	COMPLETED - CASE CLOSED		

Site Facility Name (SRCH):	SHELL SERVICE STATION
Address (SRCH):	11741 HAWTHORNE BLVD.
City (SRCH):	HAWTHORNE
Zip (SRCH):	90250
County (SRCH):	LOS ANGELES
Street No (DL):	11741
Street Name (DL):	HAWTHORNE BLVD.
City (DL):	HAWTHORNE
Zip (DL):	90250
County (DL):	Los Angeles
State (DL):	CA
Business Name (DL):	SHELL SERVICE STATION
Site Facility Name:	SHELL SERVICE STATION
Address :	11741 HAWTHORNE BLVD.
City :	HAWTHORNE
Zip :	90250
County :	LOS ANGELES
Report Source:	GeoTracker Search Results (SRCH);GeoTracker Sites Data Download (DL);GeoTracker Search Results Report

GeoTracker Sites Data Download - Site Details

CUF Case:	YES
Lead Agency:	LOS ANGELES RWQCB (REGION 4)
Case Worker:	
Local Agency:	
RB Case No:	R-26269
Local Case No:	
File Location:	Regional Board
Potential COC:	Other Solvent or Non-Petroleum Hydrocarbon
Potential Media of Concern:	Aquifer used for drinking water supply
Begin Date:	10/30/2002
How Discovered:	Other Means
How Discovered Description:	DRILLING
Stop Method:	
Stop Description:	
Calwater Watershed Name:	Dominguez Channel (411.01)
DWR GW Subbasin Name:	Coastal Plain Of Los Angeles - West Coast (4-011.03)

Disadvantaged Community: Severely Disadvantaged Community
CalEnvScreen Score:
Coordinate Source: Google Geocode
Discharge Cause: Unknown
Discharge Source:
EPA Region: 9
Leak Reported Dt: 2002-10-30 00:00:00
Military DoD Site: No
No Further Action Dt: 2016-10-06 00:00:00
Qty Rlsd Gallons:
Facility Project Sub Type:
Calenviroscreen 3 Score: 86-90%
Calenviroscreen 4 Score: 90-95%
Site History:

GeoTracker Sites Data Download - Regulatory Contacts

Contact Type: Local Agency Caseworker
Contact Name: MS. LAURA GAJDOS
Organization Name: LA COUNTY DPW
Address: 900 S. FREMONT AVE.
City: ALHAMBRA
Email:
Phone No: 6264583561

GeoTracker Sites Data Download - Status History

Status: Completed - Case Closed
Status Date: 10/6/2016

Status: Open - Eligible for Closure
Status Date: 4/15/2016

Status: Open - Remediation
Status Date: 9/26/2013

Status: Open - Assessment & Interim Remedial Action
Status Date: 9/3/2010

Status: Open - Site Assessment
Status Date: 6/13/2008

Status: Open - Remediation
Status Date: 5/15/2006

Status: Open - Site Assessment
Status Date: 5/15/2006

Status: Open - Site Assessment
Status Date: 11/26/2002

Status: Open - Site Assessment
Status Date: 10/30/2002

Status: Open - Case Begin Date
Status Date: 10/30/2002

GeoTracker Search - Regulatory Profile (as of June 5, 2024)

Site Facility Name: SHELL SERVICE STATION
Site Facility Type: LUST CLEANUP SITE
Cleanup Status: COMPLETED - CASE CLOSED
Address: 11741 HAWTHORNE BLVD.
City: HAWTHORNE
Zip: 90250

County:	LOS ANGELES
Report Link:	https://geotracker.waterboards.ca.gov/profile_report?global_id=T0603789550
Cleanup Status Detail:	COMPLETED - CASE CLOSED AS OF 10/6/2016
Project Status:	
Cleanup History Link:	https://geotracker.waterboards.ca.gov/profile_report_include?global_id=T0603789550&tabname=regulatoryhistory
Potential COC:	OTHER SOLVENT OR NON-PETROLEUM HYDROCARBON
Potential Media of Concern:	AQUIFER USED FOR DRINKING WATER SUPPLY
File Location:	REGIONAL BOARD
User Defined Beneficial Use:	
Designated Beneficial Use:	MUN, AGR, IND, PROC, 4 - Note: No MYN underlying ports of LA, LBeach - Note: No MYN underlying ports of LA, LBeach, or ElSug
DWR GW Sub Basin:	Coastal Plain Of Los Angeles - West Coast (4-011.03)
Calwater Watershed Name:	Dominguez Channel (411.01)
Post Closure Site Management:	
Future Land Use:	
Cleanup Oversight Agencies:	LOS ANGELES RWQCB (REGION 4) (LEAD) - CASE #: R-26269
CUF Claim No:	19448
CUF Priority Assig:	D
CUF Amount Paid:	$653,694
WDR Place Type:	
WDR File No:	
WDR Order No:	
Project Oversight Agencies:	
Facility Type:	
Composting Method:	
Grndwtr Monitoring Frequency:	# OF WELLS MONITORED - SEMI-ANNUALLY : 12
Designated Beneficial Use Desc:	Municipal and Domestic Supply, Agricultural Supply, Industrial Service Supply, Industrial Process Supply, 4 - Note: No MYN underlying ports of LA, LBeach - Note: No MYN underlying ports of LA, LBeach, or ElSug
Site History:	

No site history available

GeoTracker Search - Cleanup Status History (as of June 5, 2024)

Status:	Completed - Case Closed
Date :	10/6/2016
Status:	Open - Eligible for Closure
Date :	4/15/2016
Status:	Open - Remediation
Date :	9/26/2013
Status:	Open - Assessment & Interim Remedial Action
Date :	9/3/2010
Status:	Open - Site Assessment
Date :	6/13/2008
Status:	Open - Site Assessment
Date :	5/15/2006
Status:	Open - Remediation
Date :	5/15/2006
Status:	Open - Site Assessment
Date :	11/26/2002
Status:	Open - Case Begin Date
Date :	10/30/2002
Status:	Open - Site Assessment
Date :	10/30/2002

GeoTracker Search - Cleanup Action Report (as of June 5, 2024)

Action Type: DUAL PHASE EXTRACTION
Begin Date: 11/14/2013
End Date: 11/21/2013
Phase: Water
Contaminant Mass Removed: 15,000 Gallons
Description: DPE (GW EXTRACTED)

Action Type: DUAL PHASE EXTRACTION
Begin Date: 11/14/2013
End Date: 11/21/2013
Phase: Soil Vapor
Contaminant Mass Removed: 768 Pounds
Description: DPE (SOIL VAPOR)

Action Type: DUAL PHASE EXTRACTION
Begin Date: 11/12/2012
End Date: 11/16/2012
Phase: Soil Vapor
Contaminant Mass Removed: 837 Pounds
Description: DPE PILOT TEST (SOIL VAPOR)

Action Type: SOIL VAPOR EXTRACTION (SVE)
Begin Date: 4/28/2008
End Date: 5/2/2008
Phase: Soil
Contaminant Mass Removed: 433 Pounds
Description: SVE/AS Pilot Test

Action Type: EXCAVATION
Begin Date: 12/9/2002
End Date: 12/11/2002
Phase: Soil
Contaminant Mass Removed: 106 Tons
Description: Product Piping and DIispenser Upgrade

GeoTracker Search - Regulatory Activities (as of June 5, 2024)

Action Type: Response Requested - Reports
Action: Well Destruction Report
Action Date: 10/30/2016
Received Issue Date: 9/30/2016
Doc Link:
Title Description Comments:

Action Type: Other Regulatory Actions
Action: Closure/No Further Action Letter
Action Date: 10/6/2016
Received Issue Date: 10/6/2016
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0603789550&enforcement_id=6300362&temptable=ENFORCEMENT
Title Description Comments:

Action Type: Other Regulatory Actions
Action: Email Correspondence
Action Date: 7/11/2016
Received Issue Date: 7/11/2016
Doc Link:
Title Description Comments:

Well Destruction Email Notification -Well Abandonment Report Due Oct 11, 2016

Action Type: Notices
Action: Notification - Preclosure
Action Date: 5/3/2016
Received Issue Date: 5/3/2016

Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0603789550&enforcement_id=6283849&temptable=ENFORCEMENT
Title Description Comments:

Preclosure Notification

Action Type: Response Requested - Other
Action: Request for Closure - Regulator Responded
Action Date: 3/21/2016
Received Issue Date: 3/21/2016
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0603789550&doc_id=5885800
Title Description Comments:

- closure pending final mgmt review- 5/3/16 ready for cls

Action Type: Response Requested - Other
Action: Conceptual Site Model
Action Date: 1/15/2016
Received Issue Date: 1/14/2016
Doc Link:
Title Description Comments:

4th Q 2015 SCM and GWM Report

Action Type: Response Requested - Reports
Action: Monitoring Report - Quarterly
Action Date: 7/15/2015
Received Issue Date: 6/11/2015
Doc Link:
Title Description Comments:

Action Type: Response Requested - Reports
Action: Monitoring Report - Quarterly
Action Date: 4/15/2015
Received Issue Date: 3/23/2015
Doc Link:
Title Description Comments:

1st Qtr 2015 GW Monitoring Report

Action Type: Response Requested - Reports
Action: Monitoring Report - Quarterly
Action Date: 1/15/2015
Received Issue Date: 12/30/2014
Doc Link:
Title Description Comments:

4th Q 2014 GWM Report

Action Type: Response Requested - Reports
Action: Monitoring Report - Quarterly
Action Date: 10/15/2014
Received Issue Date: 10/15/2014
Doc Link:
Title Description Comments:

3rd Qtr 2014 GWM Report

Action Type: Response Requested - Reports
Action: Monitoring Report - Quarterly
Action Date: 7/15/2014
Received Issue Date: 7/15/2014
Doc Link:

Title Description Comments:

2nd Qtr 2014 GW Monitoring Report

Action Type: Response Requested - Reports
Action: Remedial Progress Report
Action Date: 1/15/2014
Received Issue Date: 1/14/2014
Doc Link:
Title Description Comments:

Action Type: Response Requested - Reports
Action: Monitoring Report - Semi-Annually
Action Date: 1/15/2014
Received Issue Date: 1/14/2014
Doc Link:
Title Description Comments:

Action Type: Cleanup Action
Action: Dual Phase Extraction
Action Date: 11/14/2013
Received Issue Date:
Doc Link:
Title Description Comments:

DPE (GW EXTRACTED)

Action Type: Cleanup Action
Action: Dual Phase Extraction
Action Date: 11/14/2013
Received Issue Date:
Doc Link:
Title Description Comments:

DPE (SOIL VAPOR)

Action Type: Other Regulatory Actions
Action: Staff Letter
Action Date: 9/26/2013
Received Issue Date: 9/26/2013
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0603789550&enforcement_id=6176807&temptable=ENFORCEMENT
Title Description Comments:

Remedial Action Plan Approval

Action Type: Response Requested - Other
Action: Conceptual Site Model
Action Date: 7/15/2013
Received Issue Date: 7/25/2013
Doc Link:
Title Description Comments:

Action Type: Response Requested - Other
Action: Conceptual Site Model
Action Date: 1/15/2013
Received Issue Date: 4/12/2013
Doc Link:
Title Description Comments:

Action Type: Response Requested - Reports
Action: Final Remedial Action Report / Corrective Action Report - Regulator Responded
Action Date: 1/15/2013

Received Issue Date: 4/12/2013
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0603789550&doc_id=5754562
Title Description Comments:

Action Type: Response Requested - Reports
Action: Monitoring Report - Semi-Annually
Action Date: 1/15/2013
Received Issue Date: 1/10/2013
Doc Link:
Title Description Comments:

Action Type: Cleanup Action
Action: Dual Phase Extraction
Action Date: 11/12/2012
Received Issue Date:
Doc Link:
Title Description Comments:

DPE PILOT TEST (SOIL VAPOR)

Action Type: Other Regulatory Actions
Action: Staff Letter
Action Date: 10/1/2012
Received Issue Date: 10/1/2012
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0603789550&enforcement_id=6139989&temptable=ENFORCEMENT
Title Description Comments:

Remedial Action Plan Approval

Action Type: Response Requested - Reports
Action: CAP/RAP - Feasibility Study Report
Action Date: 9/28/2012
Received Issue Date: 6/15/2012
Doc Link:
Title Description Comments:

DPE Pilot Test Report/revised RAP

Action Type: Response Requested - Reports
Action: Monitoring Report - Semi-Annually
Action Date: 7/15/2012
Received Issue Date: 6/27/2012
Doc Link:
Title Description Comments:

Action Type: Response Requested - Reports
Action: Remedial Progress Report
Action Date: 7/15/2012
Received Issue Date: 6/15/2012
Doc Link:
Title Description Comments:

Action Type: Response Requested - Other
Action: Other Report / Document
Action Date: 6/15/2012
Received Issue Date: 6/15/2012
Doc Link:
Title Description Comments:

Constructability Analysis Report

Action Type: Other Regulatory Actions

Action: Staff Letter
Action Date: 5/11/2012
Received Issue Date: 5/11/2012
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0603789550&enforcement_id=6121689&temptable=ENFORCEMENT
Title Description Comments:

Remedial Action Plan Addendum Approval

Action Type: Other Regulatory Actions
Action: Staff Letter
Action Date: 2/10/2012
Received Issue Date: 2/10/2012
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0603789550&enforcement_id=6113132&temptable=ENFORCEMENT
Title Description Comments:

Requirement to Conduct Corrective Action

Action Type: Response Requested - Reports
Action: Monitoring Report - Semi-Annually
Action Date: 1/15/2012
Received Issue Date: 12/28/2011
Doc Link:
Title Description Comments:

Action Type: Response Requested - Workplans
Action: Corrective Action Plan / Remedial Action Plan - Addendum
Action Date: *8/5/2011
Received Issue Date: 8/10/2011
Doc Link:
Title Description Comments:

Revised RAP

Action Type: Response Requested - Reports
Action: Monitoring Report - Semi-Annually
Action Date: 7/15/2011
Received Issue Date: 7/6/2011
Doc Link:
Title Description Comments:

Action Type: Other Regulatory Actions
Action: Staff Letter
Action Date: 7/8/2011
Received Issue Date: 7/8/2011
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0603789550&enforcement_id=6094778&temptable=ENFORCEMENT
Title Description Comments:

Extension Request to Submit A Technical Report

Action Type: Other Regulatory Actions
Action: Staff Letter
Action Date: 6/7/2011
Received Issue Date: 6/7/2011
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0603789550&enforcement_id=6088914&temptable=ENFORCEMENT
Title Description Comments:

Requirement to Conduct Corrective Action

Action Type: Response Requested - Other
Action: Conceptual Site Model

Action Date: *5/16/2011
Received Issue Date: 5/18/2011
Doc Link:
Title Description Comments:

- SCM Extension

Action Type: Response Requested - Reports
Action: Pilot Study/ Treatability Report
Action Date: *5/16/2011
Received Issue Date: 5/18/2011
Doc Link:
Title Description Comments:

- AS Pilot Test Report, Extension

Action Type: Other Regulatory Actions
Action: Staff Letter
Action Date: 4/12/2011
Received Issue Date: 4/12/2011
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0603789550&enforcement_id=6083558&temptable=ENFORCEMENT
Title Description Comments:

Extension to Submit a Technical Report

Action Type: Other Regulatory Actions
Action: Staff Letter
Action Date: 1/21/2011
Received Issue Date: 1/21/2011
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0603789550&enforcement_id=6075598&temptable=ENFORCEMENT
Title Description Comments:

Requirement to Conduct Corrective Action

Action Type: Response Requested - Reports
Action: Monitoring Report - Semi-Annually
Action Date: 1/15/2011
Received Issue Date: 1/18/2011
Doc Link:
Title Description Comments:

Action Type: Response Requested - Reports
Action: Monitoring Report - Semi-Annually
Action Date: 1/15/2011
Received Issue Date: 1/14/2011
Doc Link:
Title Description Comments:

- 1st 2011 SA Rpt Review

Action Type: Response Requested - Reports
Action: Remedial Progress Report
Action Date: 1/15/2011
Received Issue Date: 1/13/2011
Doc Link:
Title Description Comments:

- RAR and QPR Review

Action Type: Other Regulatory Actions
Action: Staff Letter
Action Date: 9/3/2010

Received Issue Date: 9/3/2010
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0603789550&enforcement_id=6063141&temptable=ENFORCEMENT
Title Description Comments:

Site Characterization and Remediation

Action Type: Response Requested - Reports
Action: Monitoring Report - Semi-Annually
Action Date: 7/15/2010
Received Issue Date: 7/14/2010
Doc Link:
Title Description Comments:

- 1st SA 2010 Mon Review

Action Type: Response Requested - Reports
Action: Monitoring Report - Semi-Annually
Action Date: 1/15/2010
Received Issue Date: 1/6/2010
Doc Link:
Title Description Comments:

- 2nd SA 2009 Mon Review

Action Type: Response Requested - Reports
Action: Monitoring Report - Semi-Annually
Action Date: 7/15/2009
Received Issue Date: 7/14/2009
Doc Link:
Title Description Comments:

- 1st SA 2009 Mon Review

Action Type: Other Regulatory Actions
Action: Staff Letter
Action Date: 6/15/2009
Received Issue Date: 6/15/2009
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0603789550&enforcement_id=6023906&temptable=ENFORCEMENT
Title Description Comments:

Action Type: Response Requested - Reports
Action: Monitoring Report - Quarterly
Action Date: 4/15/2009
Received Issue Date: 4/16/2009
Doc Link:
Title Description Comments:

- 1Q09 Mon Review

Action Type: Enforcement/Orders
Action: Verbal Enforcement
Action Date: 3/10/2009
Received Issue Date: 3/10/2009
Doc Link:
Title Description Comments:

Concur with site map revision (MW-10).

Action Type: Response Requested - Reports
Action: Monitoring Report - Quarterly
Action Date: 1/15/2009
Received Issue Date: 1/14/2009

Doc Link:
Title Description Comments:

- 4Q09 Mon Review

Action Type: Response Requested - Reports
Action: Monitoring Report - Quarterly
Action Date: 10/15/2008
Received Issue Date: 10/15/2008
Doc Link:
Title Description Comments:

- Q308 Mon Review

Action Type: Response Requested - Reports
Action: Remedial Progress Report
Action Date: 7/15/2008
Received Issue Date: 7/10/2008
Doc Link:
Title Description Comments:

Remedial Progress Report - QPR Review

Action Type: Response Requested - Reports
Action: Monitoring Report - Quarterly
Action Date: 7/15/2008
Received Issue Date: 7/10/2008
Doc Link:
Title Description Comments:

Monitoring Report - Quarterly - 2Q08 Mon Review

Action Type: Response Requested - Reports
Action: CAP/RAP - Feasibility Study Report
Action Date: 5/30/2008
Received Issue Date: 5/30/2008
Doc Link:
Title Description Comments:

CAP/RAP - Feasibility Study Report - Pilot Test Review

Action Type: Response Requested - Reports
Action: Preliminary Site Assessment Report
Action Date: 5/25/2008
Received Issue Date: 6/2/2008
Doc Link:
Title Description Comments:

Preliminary Site Assessment Report - SAR Review

Action Type: Cleanup Action
Action: Soil Vapor Extraction (SVE)
Action Date: 4/28/2008
Received Issue Date:
Doc Link:
Title Description Comments:

SVE/AS Pilot Test

Action Type: Response Requested - Reports
Action: Monitoring Report - Quarterly
Action Date: 4/15/2008
Received Issue Date: 4/16/2008

Doc Link:
Title Description Comments:

Monitoring Report - Quarterly - 1Q08 Mon Review

Action Type: Other Regulatory Actions
Action: Staff Letter
Action Date: 3/27/2008
Received Issue Date: 3/27/2008
Doc Link:
Title Description Comments:

Action Type: Response Requested - Reports
Action: Monitoring Report - Quarterly
Action Date: 1/15/2008
Received Issue Date: 1/15/2008
Doc Link:
Title Description Comments:

Monitoring Report - Quarterly - QMR 1/08

Action Type: Response Requested - Reports
Action: Monitoring Report - Quarterly
Action Date: 10/15/2007
Received Issue Date: 10/12/2007
Doc Link:
Title Description Comments:

Monitoring Report - Quarterly - QMR 3/07

Action Type: Response Requested - Reports
Action: Monitoring Report - Quarterly
Action Date: 7/15/2007
Received Issue Date: 7/20/2007
Doc Link:
Title Description Comments:

Monitoring Report - Quarterly - QMR 2/07

Action Type: Response Requested - Reports
Action: Monitoring Report - Quarterly
Action Date: 4/15/2007
Received Issue Date: 4/9/2007
Doc Link:
Title Description Comments:

Monitoring Report - Quarterly - QMR 1/07

Action Type: Response Requested - Reports
Action: Monitoring Report - Quarterly
Action Date: 1/15/2007
Received Issue Date: 1/16/2007
Doc Link:
Title Description Comments:

Monitoring Report - Quarterly - QMR 4/06

Action Type: Response Requested - Reports
Action: Monitoring Report - Quarterly
Action Date: 10/15/2006
Received Issue Date: 10/2/2006
Doc Link:
Title Description Comments:

Monitoring Report - Quarterly - QMR 3/06

Action Type: Response Requested - Reports
Action: Monitoring Report - Quarterly
Action Date: 7/15/2006
Received Issue Date: 7/3/2006
Doc Link:
Title Description Comments:

Monitoring Report - Quarterly - QMR 2/06

Action Type: Response Requested - Workplans
Action: Interim Remedial Action Plan
Action Date: 6/15/2006
Received Issue Date: 6/15/2006
Doc Link:
Title Description Comments:

Interim Remedial Action Plan - IRAP REVIEW

Action Type: Response Requested - Workplans
Action: Soil and Water Investigation Workplan
Action Date: 5/15/2006
Received Issue Date: 5/15/2006
Doc Link:
Title Description Comments:

Soil and Water Investigation Workplan - SAP REVIEW

Action Type: Response Requested - Workplans
Action: Corrective Action Plan / Remedial Action Plan
Action Date: 5/15/2006
Received Issue Date: 5/15/2006
Doc Link:
Title Description Comments:

Corrective Action Plan / Remedial Action Plan - RAP REVIEW

Action Type: Other Regulatory Actions
Action: Staff Letter
Action Date: 4/19/2006
Received Issue Date: 4/19/2006
Doc Link:
Title Description Comments:

Action Type: Response Requested - Reports
Action: Monitoring Report - Quarterly
Action Date: 4/15/2006
Received Issue Date: 4/10/2006
Doc Link:
Title Description Comments:

Monitoring Report - Quarterly - QMR 1/06 REVIEW

Action Type: Response Requested - Reports
Action: Monitoring Report - Quarterly
Action Date: 1/15/2006
Received Issue Date: 1/13/2006
Doc Link:
Title Description Comments:

Monitoring Report - Quarterly - QMR 4/05

Action Type: Response Requested - Reports
Action: Monitoring Report - Quarterly
Action Date: 10/15/2005
Received Issue Date: 10/3/2005
Doc Link:
Title Description Comments:

Monitoring Report - Quarterly - QMR 3/05 REVIEW

Action Type: Response Requested - Reports
Action: Monitoring Report - Quarterly
Action Date: 7/15/2005
Received Issue Date: 7/5/2005
Doc Link:
Title Description Comments:

Monitoring Report - Quarterly - QMR 2/05 REVIEW

Action Type: Response Requested - Reports
Action: Soil and Water Investigation Report
Action Date: 6/15/2005
Received Issue Date: 6/15/2005
Doc Link:
Title Description Comments:

Soil and Water Investigation Report - SAR REVIEW

Action Type: Response Requested - Reports
Action: Monitoring Report - Quarterly
Action Date: 4/15/2005
Received Issue Date: 4/22/2005
Doc Link:
Title Description Comments:

Monitoring Report - Quarterly - QMR 1/05

Action Type: Response Requested - Reports
Action: Monitoring Report - Quarterly
Action Date: 1/15/2005
Received Issue Date: 12/31/2004
Doc Link:
Title Description Comments:

Monitoring Report - Quarterly - QMR 4/04 REVIEW

Action Type: Response Requested - Reports
Action: Monitoring Report - Quarterly
Action Date: 10/15/2004
Received Issue Date: 10/18/2004
Doc Link:
Title Description Comments:

Monitoring Report - Quarterly - QMR 3/04 REVIEW

Action Type: Response Requested - Reports
Action: Monitoring Report - Quarterly
Action Date: 7/15/2004
Received Issue Date: 7/6/2004
Doc Link:
Title Description Comments:

Monitoring Report - Quarterly - QMR 2/04 REVIEW

Action Type: Response Requested - Reports
Action: Monitoring Report - Quarterly
Action Date: 4/15/2004
Received Issue Date: 3/30/2004
Doc Link:
Title Description Comments:

Monitoring Report - Quarterly - QMR 1/04 REVIEW

Action Type: Response Requested - Reports
Action: Monitoring Report - Quarterly
Action Date: 1/15/2004
Received Issue Date: 12/30/2003
Doc Link:
Title Description Comments:

Monitoring Report - Quarterly - QMR 4/03 REVIEW

Action Type: Response Requested - Other
Action: Other Report / Document
Action Date: 11/10/2003
Received Issue Date: 11/12/2003
Doc Link:
Title Description Comments:

Additional Information Report - 30 DAY LTR.

Action Type: Response Requested - Reports
Action: Monitoring Report - Quarterly
Action Date: 10/20/2003
Received Issue Date: 10/20/2003
Doc Link:
Title Description Comments:

Monitoring Report - Quarterly - QMR 3/03 REVIEW

Action Type: Other Regulatory Actions
Action: Staff Letter
Action Date: 10/7/2003
Received Issue Date: 10/7/2003
Doc Link:
Title Description Comments:

Action Type: Cleanup Action
Action: Excavation
Action Date: 12/9/2002
Received Issue Date:
Doc Link:
Title Description Comments:

Product Piping and DIispenser Upgrade

Action Type: Leak Action
Action: Leak Discovery
Action Date: 10/30/2002
Received Issue Date:
Doc Link:
Title Description Comments:

Action Type: Leak Action
Action: Leak Reported
Action Date: 10/30/2002

Received Issue Date:
Doc Link:
Title Description Comments:

GeoTracker Search - Site Maps (as of June 5, 2024)

Submitted: 7/1/2014
Submitted By: GHD (CONTRACTOR)
Title: GEO_BORE EX-2 (EX-2)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/4858344793/T0603789550.PDF

Submitted: 7/1/2014
Submitted By: GHD (CONTRACTOR)
Title: GEO_BORE EX-3 (EX-3)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/4669945895/T0603789550.PDF

Submitted: 7/1/2014
Submitted By: GHD (CONTRACTOR)
Title: GEO_MAP
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_map/5420533657/T0603789550.PDF

Submitted: 7/1/2014
Submitted By: GHD (CONTRACTOR)
Title: GEO_BORE EX-1 (EX-1)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/6879615128/T0603789550.PDF

Submitted: 3/1/2011*
Submitted By: GHD (CONTRACTOR)
Title: GEO BORE SVE-1 (SVE-1)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/1862500786/T0603789550.PDF

Submitted: 3/1/2011*
Submitted By: GHD (CONTRACTOR)
Title: GEO BORE SVE-2 (SVE-2)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/4436258971/T0603789550.PDF

Submitted: 6/3/2009*
Submitted By: DELTA CONSULTANTS (CONTRACTOR)
Title: OFF SITE WELL INSTALLATION REPORT (MW-12)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/5667598903/T0603789550.PDF

Submitted: 6/3/2009*
Submitted By: DELTA CONSULTANTS (CONTRACTOR)
Title: OFF SITE WELL INSTALLATION REPORT (MW-9)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/1700331747/T0603789550.PDF

Submitted: 6/3/2009*
Submitted By: DELTA CONSULTANTS (CONTRACTOR)
Title: OFF SITE WELL INSTALLATION REPORT (MW-10)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/1053591072/T0603789550.PDF

Submitted: 6/3/2009*
Submitted By: DELTA CONSULTANTS (CONTRACTOR)
Title: OFF SITE WELL INSTALLATION REPORT (MW-11)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/2122735142/T0603789550.PDF

Submitted: 6/3/2009*
Submitted By: DELTA CONSULTANTS (CONTRACTOR)
Title: GEO_MAP
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_map/1136749744/T0603789550.PDF

Submitted: 5/30/2008
Submitted By: DELTA CONSULTANTS (CONTRACTOR)
Title: GEO_BORE (SVE-3)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/3665608286/T0603789550.pdf

Submitted: 5/30/2008

Submitted By: DELTA CONSULTANTS (CONTRACTOR)
Title: GEO_BORE (AS-2)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/3620852410/T0603789550.pdf

Submitted: 5/30/2008
Submitted By: DELTA CONSULTANTS (CONTRACTOR)
Title: GEO_BORE (MW-7)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/9169758677/T0603789550.pdf

Submitted: 5/30/2008
Submitted By: DELTA CONSULTANTS (CONTRACTOR)
Title: GEO_MAP
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_map/8379704356/T0603789550.pdf

Submitted: 5/30/2008
Submitted By: DELTA CONSULTANTS (CONTRACTOR)
Title: GEO_BORE (AS-3)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/4065550863/T0603789550.pdf

Submitted: 5/30/2008
Submitted By: DELTA CONSULTANTS (CONTRACTOR)
Title: GEO_BORE (MW-7)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/7520751059/T0603789550.pdf

Submitted: 5/30/2008
Submitted By: DELTA CONSULTANTS (CONTRACTOR)
Title: GEO_BORE (AS-1)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/3411686778/T0603789550.pdf

Submitted: 5/30/2008
Submitted By: DELTA CONSULTANTS (CONTRACTOR)
Title: GEO_BORE (MW-8)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/8796223521/T0603789550.pdf

Submitted: 5/30/2008
Submitted By: DELTA CONSULTANTS (CONTRACTOR)
Title: GEO_BORE (SVE-4)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/9486084461/T0603789550.pdf

Submitted: 8/16/2005
Submitted By: DELTA CONSULTANTS (CONTRACTOR)
Title: GEO_BORE (SB-2)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/3815429508/T0603789550.pdf

Submitted: 8/16/2005
Submitted By: DELTA CONSULTANTS (CONTRACTOR)
Title: GEO_BORE (SB-1)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/5736722648/T0603789550.pdf

Submitted: 8/16/2005
Submitted By: DELTA CONSULTANTS (CONTRACTOR)
Title: GEO_BORE (SB-6)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/1568058609/T0603789550.pdf

Submitted: 8/16/2005
Submitted By: DELTA CONSULTANTS (CONTRACTOR)
Title: GEO_MAP
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_map/4684232950/T0603789550.pdf

Submitted: 8/16/2005
Submitted By: DELTA CONSULTANTS (CONTRACTOR)
Title: GEO_BORE (SB-5)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/7973539054/T0603789550.pdf

Submitted: 8/16/2005
Submitted By: DELTA CONSULTANTS (CONTRACTOR)
Title: GEO_BORE (SB-7)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/7846509635/T0603789550.pdf

Submitted: 5/6/2004
Submitted By: DELTA CONSULTANTS (CONTRACTOR)
Title: GEO_MAP
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_map/9083236515/T0603789550.pdf

Submitted: 3/4/2004
Submitted By: DELTA CONSULTANTS (CONTRACTOR)
Title: GEO_MAP
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_map/5574536979/T0603789550.pdf

GeoTracker Search - Documents (as of June 5, 2024)

Document Type: Site Documents ***Document Date:*** 10/6/2016
Type: CLOSURE/NO FURTHER ACTION LETTER ***Submitted:***
Submitted By: MARIA BAMBICO (REGULATOR)
Title: CLOSURE/NO FURTHER ACTION LETTER
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0603789550&enforcement_id=6300362

Document Type: Site Documents ***Document Date:*** 9/30/2016
Type: OTHER REPORT / DOCUMENT ***Submitted:***
Submitted By: WAYNE PERRY, INC. (CONTRACTOR)
Title: WELL ABANDONMENT REPORT
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/7084144294/T0603789550.PDF

Document Type: Site Documents ***Document Date:*** 5/3/2016
Type: NOTIFICATION - PRECLOSURE ***Submitted:***
Submitted By: CHANDRA TYLER (REGULATOR)
Title: PRECLOSURE NOTIFICATION
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0603789550&enforcement_id=6283849

Document Type: Site Documents ***Document Date:*** 3/21/2016
Type: REQUEST FOR CLOSURE ***Submitted:***
Submitted By: CHANDRA TYLER (REGULATOR)
Title: REQUEST FOR CLOSURE - REGULATOR RESPONSE
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0603789550&document_id=5885800

Document Type: Site Documents ***Document Date:*** 3/21/2016
Type: REQUEST FOR CLOSURE ***Submitted:***
Submitted By: WAYNE PERRY, INC. (CONTRACTOR)
Title: REQUEST FOR SITE CLOSURE
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/1852797091/T0603789550.PDF

Document Type: Site Documents ***Document Date:*** 1/14/2016
Type: CONCEPTUAL SITE MODEL ***Submitted:***
Submitted By: WAYNE PERRY, INC. (CONTRACTOR)
Title: 4Q2015-UPDATE TO THE SITE CONCPETUAL MODEL
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/5751581549/T0603789550.PDF

Document Type: Site Documents ***Document Date:*** 10/15/2015
Type: CORRESPONDENCE ***Submitted:***
Submitted By: WAYNE PERRY, INC. (CONTRACTOR)
Title: CONSULTANT MANAGEMENT TRANSITION
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/5130705416/T0603789550.PDF

Document Type: Monitoring Reports ***Document Date:*** 6/11/2015
Type: MONITORING REPORT - QUARTERLY ***Submitted:***
Submitted By: GHD (CONTRACTOR)
Title: SITE CONCEPTUAL MODEL UPDATE AND GROUNDWATER MONITORING REPORT - SECOND QUARTER 2015
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/5715322911/T0603789550.PDF

Document Type: Monitoring Reports ***Document Date:*** 3/23/2015
Type: MONITORING REPORT - QUARTERLY ***Submitted:***
Submitted By: GHD (CONTRACTOR)
Title: GROUNDWATER MONITORING REPORT - FIRST QUARTER 2015
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/2738318741/T0603789550.PDF

Document Type: Monitoring Reports ***Document Date:*** 12/30/2014

Type: MONITORING REPORT - QUARTERLY ***Submitted:***
Submitted By: GHD (CONTRACTOR)
Title: GROUNDWATER MONITORING REPORT -FOURTH QUARTER 2014
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/8415031194/T0603789550.PDF

Document Type: Monitoring Reports ***Document Date:*** 10/14/2014
Type: MONITORING REPORT - QUARTERLY ***Submitted:***
Submitted By: GHD (CONTRACTOR)
Title: GROUNDWATER MONITORING REPORT -THIRD QUARTER 2014
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/4451575994/T0603789550.PDF

Document Type: Monitoring Reports ***Document Date:*** 7/15/2014
Type: MONITORING REPORT - QUARTERLY ***Submitted:***
Submitted By: GHD (CONTRACTOR)
Title: GROUNDWATER MONITORING REPORT -SECOND QUARTER 2014
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/8500510513/T0603789550.PDF

Document Type: Site Documents ***Document Date:*** 1/14/2014*
Type: CONCEPTUAL SITE MODEL ***Submitted:***
Submitted By: GHD (CONTRACTOR)
Title: UPDATED SITE CONCEPTUAL MODEL AND DUAL PHASE EXTRACTION EVENT REPORT
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/7972688794/T0603789550.PDF

Document Type: Monitoring Reports ***Document Date:*** 1/10/2014
Type: MONITORING REPORT - QUARTERLY ***Submitted:***
Submitted By: GHD (CONTRACTOR)
Title: GROUNDWATER MONITORING REPORT - FOURTH QUARTER 2013
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/2651070773/T0603789550.PDF

Document Type: Site Documents ***Document Date:*** 12/6/2013*
Type: OTHER REPORT / DOCUMENT ***Submitted:***
Submitted By: PINNACLE EMS (CONTRACTOR)
Title: HISTORICAL - REVISED SVE OPERATION (R203) NOTIFICATION FORM DATED 12-2013
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/1994219779/T0603789550.PDF

Document Type: Site Documents ***Document Date:*** 10/24/2013
Type: CORRESPONDENCE ***Submitted:***
Submitted By: GHD (CONTRACTOR)
Title: DUAL-PHASE EXTRACTION MASS REMOVAL EVENT SCOPE OF WORK CLARIFICATION
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/5200838208/T0603789550.PDF

Document Type: Site Documents ***Document Date:*** 9/26/2013
Type: STAFF LETTER ***Submitted:***
Submitted By: CHANDRA TYLER (REGULATOR)
Title: REMEDIAL ACTION PLAN APPROVAL
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0603789550&enforcement_id=6176807

Document Type: Site Documents ***Document Date:*** 9/18/2013
Type: CAP/RAP - OTHER REPORT ***Submitted:***
Submitted By: GHD (CONTRACTOR)
Title: CORRECTIVE ACTION PLAN
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/6326524853/T0603789550.PDF

Document Type: Monitoring Reports ***Document Date:*** 7/2/2013
Type: MONITORING REPORT - QUARTERLY ***Submitted:***
Submitted By: GHD (CONTRACTOR)
Title: GROUNDWATER MONITORING REPORT - SECOND QUARTER 2013
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/2403430998/T0603789550.PDF

Document Type: Site Documents ***Document Date:*** 4/12/2013
Type: FINAL REMEDIAL ACTION REPORT / CORRECTIVE ACTION REPORT ***Submitted:***
Submitted By: CHANDRA TYLER (REGULATOR)
Title: FINAL REMEDIAL ACTION REPORT / CORRECTIVE ACTION REPORT - REGULATOR RESPONSE
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0603789550&document_id=5754562

Document Type: Site Documents ***Document Date:*** 4/11/2013
Type: OTHER REPORT / DOCUMENT ***Submitted:***
Submitted By: GHD (CONTRACTOR)

Title: UPDATED SITE CONCEPTUAL MODEL AND DUAL PHASE EXTRACTION PILOT TEST REPORT
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/5793262541/T0603789550.PDF

Document Type: Site Documents **Document Date:** 2/26/2013
Type: CORRESPONDENCE **Submitted:**
Submitted By: GHD (CONTRACTOR)
Title: REMEDIAL ACTION PLAN EXTENSION AND MEETING REQUEST
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/7740995287/T0603789550.PDF

Document Type: Site Documents **Document Date:** 1/14/2013
Type: CORRESPONDENCE **Submitted:**
Submitted By: GHD (CONTRACTOR)
Title: REMEDIAL ACTION PLAN EXTENSION REQUEST
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/6671750903/T0603789550.PDF

Document Type: Monitoring Reports **Document Date:** 1/10/2013
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Submitted By: GHD (CONTRACTOR)
Title: GROUNDWATER MONITORING REPORT - FOURTH QUARTER 2012
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/1660480558/T0603789550.PDF

Document Type: Site Documents **Document Date:** 10/1/2012
Type: STAFF LETTER **Submitted:**
Submitted By: CHANDRA TYLER (REGULATOR)
Title: REMEDIAL ACTION PLAN APPROVAL
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0603789550&enforcement_id=6139989

Document Type: Monitoring Reports **Document Date:** 6/27/2012
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Submitted By: GHD (CONTRACTOR)
Title: GROUNDWATER MONITORING REPORT - SECOND QUARTER 2012
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/5753720879/T0603789550.PDF

Document Type: Site Documents **Document Date:** 6/15/2012
Type: OTHER WORKPLAN **Submitted:**
Submitted By: GHD (CONTRACTOR)
Title: DUAL-PHASE EXTRACTION REMEDIATION SYSTEM CONSTRUCTABILITY ANALYSIS AND PILOT TEST WORK PLAN
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/8641751885/T0603789550.PDF

Document Type: Site Documents **Document Date:** 5/11/2012
Type: STAFF LETTER **Submitted:**
Submitted By: CHANDRA TYLER (REGULATOR)
Title: REMEDIAL ACTION PLAN ADDENDUM APPROVAL
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0603789550&enforcement_id=6121689

Document Type: Site Documents **Document Date:** 5/4/2012
Type: CORRESPONDENCE **Submitted:**
Submitted By: GHD (CONTRACTOR)
Title: AGENCY RESPONSE LETTER
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/4661679863/T0603789550.PDF

Document Type: Site Documents **Document Date:** 2/10/2012
Type: STAFF LETTER **Submitted:**
Submitted By: CHANDRA TYLER (REGULATOR)
Title: REQUIREMENT TO CONDUCT CORRECTIVE ACTION
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0603789550&enforcement_id=6113132

Document Type: Monitoring Reports **Document Date:** 12/28/2011
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Submitted By: GHD (CONTRACTOR)
Title: GROUNDWATER MONITORING REPORT - FOURTH QUARTER 2011
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/7323392510/T0603789550.PDF

Document Type: Site Documents **Document Date:** 8/5/2011*
Type: CAP/RAP - OTHER REPORT **Submitted:**
Submitted By: GHD (CONTRACTOR)
Title: REMEDIAL ACTION PLAN
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/7794709205/T0603789550.PDF

Document Type: Site Documents **Document Date:** 7/8/2011
Type: STAFF LETTER **Submitted:**
Submitted By: (REGULATOR)
Title: EXTENSION REQUEST TO SUBMIT A TECHNICAL REPORT
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0603789550&enforcement_id=6094778

Document Type: Monitoring Reports **Document Date:** 6/29/2011*
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Submitted By: GHD (CONTRACTOR)
Title: GROUNDWATER MONITORING REPORT SECOND QUARTER 2011
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/9947697460/T0603789550.PDF

Document Type: Site Documents **Document Date:** 6/7/2011
Type: STAFF LETTER **Submitted:**
Submitted By: (REGULATOR)
Title: REQUIREMENT TO CONDUCT CORRECTIVE ACTION
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0603789550&enforcement_id=6088914

Document Type: Site Documents **Document Date:** 5/17/2011*
Type: SITE CONCEPTUAL MODEL **Submitted:**
Submitted By: GHD (CONTRACTOR)
Title: SITE CONCEPTUAL MODEL REPORT
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/2855326354/T0603789550.PDF

Document Type: Site Documents **Document Date:** 5/16/2011
Type: CONCEPTUAL SITE MODEL **Submitted:**
Submitted By: GHD (CONTRACTOR)
Title: SITE CONCEPTUAL MODEL
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/5245195508/T0603789550.PDF

Document Type: Site Documents **Document Date:** 4/12/2011
Type: STAFF LETTER **Submitted:**
Submitted By: (REGULATOR)
Title: EXTENSION TO SUBMIT A TECHNICAL REPORT
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0603789550&enforcement_id=6083558

Document Type: Site Documents **Document Date:** 4/12/2011*
Type: OTHER REPORT / DOCUMENT **Submitted:**
Submitted By: PINNACLE EMS (CONTRACTOR)
Title: HISTORICAL - AGENCY DIRECTIVE TO SUBMIT A SITE CONCEPTUAL MODEL AND AN AIR SPARGE PILOT DATED 04-2011
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/9637650728/T0603789550.PDF

Document Type: Site Documents **Document Date:** 1/21/2011
Type: STAFF LETTER **Submitted:**
Submitted By: (REGULATOR)
Title: REQUIREMENT TO CONDUCT CORRECTIVE ACTION
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0603789550&enforcement_id=6075598

Document Type: Monitoring Reports **Document Date:** 1/15/2011*
Type: MONITORING REPORT - SEMI-ANNUALLY **Submitted:**
Submitted By: GHD (CONTRACTOR)
Title: GROUNDWATER MONITORING REPORT-FOURTH QUARTER 2010
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/1261277198/T0603789550.PDF

Document Type: Site Documents **Document Date:** 9/3/2010
Type: STAFF LETTER **Submitted:**
Submitted By: JESSICA YEUNG (REGULATOR)
Title: SITE CHARACTERIZATION AND REMEDIATION
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0603789550&enforcement_id=6063141

Document Type: Monitoring Reports **Document Date:** 7/9/2010*
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Submitted By: DELTA CONSULTANTS (CONTRACTOR)
Title: SECOND QUARTER 2010 GROUNDWATER MONITORING REPORT
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/3829202115/T0603789550.PDF

Document Type: Monitoring Reports **Document Date:** 1/5/2010*

Type: MONITORING REPORT - QUARTERLY **Submitted:**
Submitted By: DELTA CONSULTANTS (CONTRACTOR)
Title: FOURTH QUARTER 2009 GROUNDWATER MONITORING REPORT
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/4263796150/T0603789550.PDF

Document Type: Monitoring Reports **Document Date:** 7/11/2009*
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Submitted By: DELTA CONSULTANTS (CONTRACTOR)
Title: SECOND QUARTER 2009 GROUNDWATER MONITORING REPORT
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/8284216642/T0603789550.PDF

Document Type: Site Documents **Document Date:** 6/15/2009
Type: STAFF LETTER **Submitted:**
Submitted By: (REGULATOR)
Title: STAFF LETTER
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0603789550&enforcement_id=6023906

Document Type: Site Documents **Document Date:** 5/27/2009*
Type: WELL INSTALLATION REPORT **Submitted:**
Submitted By: DELTA CONSULTANTS (CONTRACTOR)
Title: OFF-SITE WELL INSTALLATION REPORT
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/4978219151/T0603789550.PDF

Document Type: Monitoring Reports **Document Date:** 4/15/2009*
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Submitted By: DELTA CONSULTANTS (CONTRACTOR)
Title: FIRST QUARTER 2009 GROUNDWATER MONITORING REPORT
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/6870514392/T0603789550.PDF

Document Type: Site Documents **Document Date:** 1/13/2009*
Type: SOIL AND WATER INVESTIGATION REPORT **Submitted:**
Submitted By: DELTA CONSULTANTS (CONTRACTOR)
Title: FOURTH QUARTER 2008 GROUNDWATER MONITORING REPORT
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/7651742100/T0603789550.PDF

Document Type: Site Documents **Document Date:** 10/14/2008
Type: SOIL AND WATER INVESTIGATION REPORT **Submitted:**
Submitted By: DELTA CONSULTANTS (CONTRACTOR)
Title: THIRD QUARTER 2008 GROUNDWATER MONITORING REPORT
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/8109578013/T0603789550.PDF

Document Type: Monitoring Reports **Document Date:** 7/9/2008
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Submitted By: DELTA CONSULTANTS (CONTRACTOR)
Title: SECOND QUARTER 2008 GROUNDWATER MONITORING REPORT
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/9511765003/T0603789550.PDF

Document Type: Site Documents **Document Date:** 5/30/2008
Type: REPORTS - OTHER **Submitted:**
Submitted By: DELTA CONSULTANTS (CONTRACTOR)
Title: WELL INSTALLATION REPORT-PART 3
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/9863682627/T0603789550.PDF

Document Type: Site Documents **Document Date:** 5/30/2008
Type: REPORTS - OTHER **Submitted:**
Submitted By: DELTA CONSULTANTS (CONTRACTOR)
Title: WELL INSTALLATION REPORT-PART 1
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/5090685784/T0603789550.PDF

Document Type: Site Documents **Document Date:** 5/30/2008
Type: REPORTS - REMEDIAL ACTION RPT. **Submitted:**
Submitted By: DELTA CONSULTANTS (CONTRACTOR)
Title: SOIL VAPOR EXTRACTION/ AIR SPARGE PILOT TESTING REPORT
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/2623199939/T0603789550.PDF

Document Type: Site Documents **Document Date:** 5/30/2008
Type: REPORTS - OTHER **Submitted:**

Submitted By: DELTA CONSULTANTS (CONTRACTOR)
Title: WELL INSTALLATION REPORT-PART 2
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/4529600381/T0603789550.PDF

Document Type: Site Documents **Document Date:** 4/25/2008*
Type: OTHER REPORT / DOCUMENT **Submitted:**
Submitted By: PINNACLE EMS (CONTRACTOR)
Title: HISTORICAL - RESPONSE TO AGENCY CORRESPONDENCE DATED MARCH 27, 2008 DATED 04-2008
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/4205218851/T0603789550.PDF

Document Type: Site Documents **Document Date:** 4/15/2008
Type: REPORTS - OTHER **Submitted:**
Submitted By: DELTA CONSULTANTS (CONTRACTOR)
Title: FIRST QUARTER 2008 GROUNDWATER MONITORING REPORT
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/7384338200/T0603789550.PDF

Document Type: Site Documents **Document Date:** 4/15/2008*
Type: OTHER REPORT / DOCUMENT **Submitted:**
Submitted By: PINNACLE EMS (CONTRACTOR)
Title: HISTORICAL - 1Q 2008 GROUNDWATER MONITORING REPORT DATED 04-2008
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/7103687942/T0603789550.PDF

Document Type: Site Documents **Document Date:** 3/27/2008*
Type: OTHER REPORT / DOCUMENT **Submitted:**
Submitted By: PINNACLE EMS (CONTRACTOR)
Title: HISTORICAL - AGENCY CONDITIONAL APPROVAL OF THE WORKPLAN DATED 03-2008
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/4240646004/T0603789550.PDF

Document Type: Site Documents **Document Date:** 1/13/2008*
Type: REPORTS - QUARTERLY STATUS REPORT **Submitted:**
Submitted By: DELTA CONSULTANTS (CONTRACTOR)
Title: FOURTH QUARTER 2007 GROUNDWATER MONITORING REPORT
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/3224149405/T0603789550.PDF

Document Type: Site Documents **Document Date:** 10/9/2007
Type: REPORTS - QUARTERLY STATUS REPORT **Submitted:**
Submitted By: DELTA CONSULTANTS (CONTRACTOR)
Title: THIRD QUARTER 2007 GROUNDWATER MONITORING REPORT
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/9671691715/T0603789550.PDF

Document Type: Site Documents **Document Date:** 7/14/2007
Type: REPORTS - QUARTERLY STATUS REPORT **Submitted:**
Submitted By: DELTA CONSULTANTS (CONTRACTOR)
Title: SECOND QUARTER 2007 GROUNDWATER MONITORING REPORT
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/8841830193/T0603789550.PDF

Document Type: Monitoring Reports **Document Date:** 4/10/2007
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Submitted By: DELTA CONSULTANTS (CONTRACTOR)
Title: FIRST QUARTER 2007 GROUNDWATER MONITORING REPORT
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/2199949502/T0603789550.PDF

Document Type: Monitoring Reports **Document Date:** 1/15/2007
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Submitted By: DELTA CONSULTANTS (CONTRACTOR)
Title: FOURTH QUARTER 2006 GROUNDWATER MONITORING REPORT
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/9070345818/T0603789550.PDF

Document Type: Monitoring Reports **Document Date:** 9/29/2006
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Submitted By: DELTA CONSULTANTS (CONTRACTOR)
Title: THIRD QUARTER 2006 GROUNDWATER MONITORING REPORT
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/9541563272/T0603789550.PDF

Document Type: Site Documents **Document Date:** 7/21/2006*
Type: OTHER REPORT / DOCUMENT **Submitted:**
Submitted By: PINNACLE EMS (CONTRACTOR)
Title: HISTORICAL - NOTICE OF INTENT - WORK PLAN FOR ADDITIONAL SITE ASSESSMENT ACTIVITIES DATED 07-2006

Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/7523512661/T0603789550.PDF

Document Type: Monitoring Reports **Document Date:** 6/30/2006
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Submitted By: DELTA CONSULTANTS (CONTRACTOR)
Title: SECOND QUARTER 2006 GROUNDWATER MONITORING REPORT
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/2243894815/T0603789550.PDF

Document Type: Site Documents **Document Date:** 6/14/2006
Type: WORKPLANS - OTHER WP **Submitted:**
Submitted By: DELTA CONSULTANTS (CONTRACTOR)
Title: WORK PLAN FOR SOIL VAPOR EXTRACTION (SVE) AND AIR SPARGE (AS) WELL INSTALLATION, SVE AND AS PILOT TESTING, AND REMEDIAL ACTION PLAN (RAP)
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/3518798649/T0603789550.PDF

Document Type: Site Documents **Document Date:** 5/12/2006
Type: WORKPLANS - OTHER WP **Submitted:**
Submitted By: DELTA CONSULTANTS (CONTRACTOR)
Title: WORK PLAN FOR SITE ASSESSMENT AND MONITORING WELL INSTALLATION ACTIVITIES
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/4373182535/T0603789550.PDF

Document Type: Site Documents **Document Date:** 4/19/2006*
Type: OTHER REPORT / DOCUMENT **Submitted:**
Submitted By: PINNACLE EMS (CONTRACTOR)
Title: HISTORICAL - AGENCY DIRECTIVE TO SUBMIT A WORKPLAN FOR ADDITIONAL ASSESSMENT DATED 04-2006
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/4163609206/T0603789550.PDF

Document Type: Monitoring Reports **Document Date:** 4/7/2006
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Submitted By: DELTA CONSULTANTS (CONTRACTOR)
Title: FIRST QUARTER 2006 GROUNDWATER MONITORING REPORT
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/4278013467/T0603789550.PDF

Document Type: Site Documents **Document Date:** 4/3/2006
Type: CORRESPONDENCE - OTHER **Submitted:**
Submitted By: DELTA CONSULTANTS (CONTRACTOR)
Title: REQUEST FOR RESPONSE TO PHASE II ENVIRONMENTAL SITE ASSESSMENT REPORT
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/2855361759/T0603789550.PDF

Document Type: Site Documents **Document Date:** 3/27/2006*
Type: OTHER REPORT / DOCUMENT **Submitted:**
Submitted By: PINNACLE EMS (CONTRACTOR)
Title: HISTORICAL - AGENCY DIRECTIVE TO TAKE CORRECTIVE ACTION DATED 03-2006
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/4501845955/T0603789550.PDF

Document Type: Monitoring Reports **Document Date:** 1/11/2006
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Submitted By: DELTA CONSULTANTS (CONTRACTOR)
Title: FOURTH QUARTER 2005 GROUNDWATER MONITORING REPORT
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/9301746964/T0603789550.PDF

Document Type: Monitoring Reports **Document Date:** 9/28/2005
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Submitted By: DELTA CONSULTANTS (CONTRACTOR)
Title: THIRD QUARTER 2005 GROUNDWATER MONITORING REPORT
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/1622342765/T0603789550.PDF

Document Type: Site Documents **Document Date:** 8/16/2005
Type: REPORTS - INVESTIGATION RPT. **Submitted:**
Submitted By: DELTA CONSULTANTS (CONTRACTOR)
Title: PHASE II ENVIRONMENTAL SITE ASSESSMENT REPORT
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/5327756583/T0603789550.PDF

Document Type: Monitoring Reports **Document Date:** 6/30/2005
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Submitted By: DELTA CONSULTANTS (CONTRACTOR)
Title: SECOND QUARTER 2005 GROUNDWATER MONITORING REPORT
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/2219175040/T0603789550.PDF

Document Type: Monitoring Reports **Document Date:** 5/4/2005
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Submitted By: DELTA CONSULTANTS (CONTRACTOR)
Title: FIRST QUARTER 2005 GROUNDWATER MONITORING REPORT
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/9013944327/T0603789550.PDF

Document Type: Site Documents **Document Date:** 1/25/2005
Type: REPORTS - INVESTIGATION RPT. **Submitted:**
Submitted By: DELTA CONSULTANTS (CONTRACTOR)
Title: FOURTH QUARTER 2004 GROUNDWATER MONITORING REPORT
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/3709470450/T0603789550.pdf

Document Type: Site Documents **Document Date:** 1/25/2005
Type: REPORTS - INVESTIGATION RPT. **Submitted:**
Submitted By: DELTA CONSULTANTS (CONTRACTOR)
Title: FOURTH QUARTER 2004 GROUNDWATER MONITORING REPORT
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/8021466910/T0603789550.pdf

Document Type: Site Documents **Document Date:** 10/15/2004*
Type: OTHER REPORT / DOCUMENT **Submitted:**
Submitted By: PINNACLE EMS (CONTRACTOR)
Title: HISTORICAL - 3Q 2004 GROUNDWATER MONITORING REPORT DATED 10-2004
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/1254841506/T0603789550.PDF

Document Type: Site Documents **Document Date:** 10/4/2004*
Type: OTHER REPORT / DOCUMENT **Submitted:**
Submitted By: PINNACLE EMS (CONTRACTOR)
Title: HISTORICAL - NO PURGE SAMPLING PROGRAM DATED 10-2004
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/4237595796/T0603789550.PDF

Document Type: Site Documents **Document Date:** 6/30/2004*
Type: OTHER REPORT / DOCUMENT **Submitted:**
Submitted By: PINNACLE EMS (CONTRACTOR)
Title: HISTORICAL - 2Q 2004 GROUNDWATER MONITORING REPORT DATED 06-2004
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/6586241543/T0603789550.PDF

Document Type: Site Documents **Document Date:** 3/31/2004*
Type: OTHER REPORT / DOCUMENT **Submitted:**
Submitted By: PINNACLE EMS (CONTRACTOR)
Title: HISTORICAL - 1Q 2004 GROUNDWATER MONITORING REPORT DATED 03-2004
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/2676608085/T0603789550.PDF

Document Type: Site Documents **Document Date:** 12/31/2003*
Type: OTHER REPORT / DOCUMENT **Submitted:**
Submitted By: PINNACLE EMS (CONTRACTOR)
Title: HISTORICAL - 4Q 2003 GROUNDWATER MONITORING REPORT DATED 12-2003
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/9000487148/T0603789550.PDF

Document Type: Site Documents **Document Date:** 11/10/2003*
Type: OTHER REPORT / DOCUMENT **Submitted:**
Submitted By: PINNACLE EMS (CONTRACTOR)
Title: HISTORICAL - RESPONSE TO AGENCY CORRESPONDENCE DATED OCTOBER 7, 2003 DATED 11-2003
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/3148055672/T0603789550.PDF

Document Type: Site Documents **Document Date:** 10/15/2003*
Type: OTHER REPORT / DOCUMENT **Submitted:**
Submitted By: PINNACLE EMS (CONTRACTOR)
Title: HISTORICAL - 3Q 2003 GROUNDWATER MONITORING REPORT DATED 10-2003
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/5170638680/T0603789550.PDF

Document Type: Site Documents **Document Date:** 10/7/2003*
Type: OTHER REPORT / DOCUMENT **Submitted:**
Submitted By: PINNACLE EMS (CONTRACTOR)
Title: HISTORICAL - AGENCY DIRECTIVE TO SUBMIT ADDITIONAL INFORMATION DATED 10-2003
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/6675768852/T0603789550.PDF

Document Type: Site Documents **Document Date:** 7/31/2003*
Type: OTHER REPORT / DOCUMENT **Submitted:**

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Submitted By: PINNACLE EMS (CONTRACTOR)
Title: HISTORICAL - GRASP MONITORING REPORT DATED 07-2003
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/3030501961/T0603789550.PDF

36	2 of2	WSW	0.40 / 2,087.83	72.24 / 1	RAFS M&M INC. DBA D&D SERVICE 11741 S HAWTHORNE BLVD HAWTHORNE CA 90250	DELISTED HAZ

Siteid: 400239
Latitude: 33.927560
Longitude: -118.353050
Original Source: CHAZ
Record Date: 20-OCT-2017

37	1 of1	W	0.41 / 2,139.26	71.46 / 0	SKIPS BODY SHOP 4439 IMPERIAL HWY W HAWTHORNE CA 90250	LUST

Global ID: T0603704308
Site Facility Type: LUST CLEANUP SITE
Site Fac Type (SRCH): LUST CLEANUP SITE
Status:
Status (SRCH): COMPLETED - CASE CLOSED
Status (DL): Completed - Case Closed
Status Date (DL): 4/2/1998
Cleanup Status: COMPLETED - CASE CLOSED
Case Type (DL): LUST Cleanup Site
Oil Field (SRCH):
Oil Field Oper (SRCH):
Census Tract (SRCH): 6037602103
Latitude (DL): 33.9311239
Longitude (DL): -118.354058
RWQCB Region (DL): LOS ANGELES RWQCB (REGION 4)
Site Facility Name (SRCH): SKIPS BODY SHOP
Address (SRCH): 4439 IMPERIAL HWY W
City (SRCH): HAWTHORNE
Zip (SRCH): 90250
County (SRCH): LOS ANGELES
Street No (DL): 4439
Street Name (DL): IMPERIAL HWY W
City (DL): HAWTHORNE
Zip (DL): 90250
County (DL): Los Angeles
State (DL): CA
Business Name (DL): SKIPS BODY SHOP
Site Facility Name: SKIPS BODY SHOP
Address : 4439 IMPERIAL HWY W
City : HAWTHORNE
Zip : 90250
County : LOS ANGELES
Report Source: GeoTracker Search Results (SRCH);GeoTracker Sites Data Download (DL);GeoTracker Search Results Report

GeoTracker Sites Data Download - Site Details

CUF Case: YES
Lead Agency: LOS ANGELES RWQCB (REGION 4)
Case Worker:
Local Agency: LOS ANGELES COUNTY
RB Case No: I-15457
Local Case No:
File Location:
Potential COC: Gasoline
Potential Media of Concern: Aquifer used for drinking water supply
Begin Date: 2/19/1990
How Discovered: Tank Closure
How Discovered Description:
Stop Method:
Stop Description:
Calwater Watershed Name: Dominguez Channel (411.01)
DWR GW Subbasin Name: Coastal Plain Of Los Angeles - West Coast (4-011.03)
Disadvantaged Community:

CalEnvScreen Score:	
Coordinate Source:	Google Geocode
Discharge Cause:	Unknown
Discharge Source:	Tank
EPA Region:	9
Leak Reported Dt:	1990-05-07 00:00:00
Military DoD Site:	No
No Further Action Dt:	1998-04-02 00:00:00
Qty Rlsd Gallons:	
Facility Project Sub Type:	
Calenviroscreen 3 Score:	86-90%
Calenviroscreen 4 Score:	90-95%
Site History:	

GeoTracker Sites Data Download - Regulatory Contacts

Contact Type:	Local Agency Caseworker
Contact Name:	JOHN AWUJO
Organization Name:	LOS ANGELES COUNTY
Address:	900 S FREMONT AVE
City:	ALHAMBRA
Email:	jawujo@dpw.lacounty.gov
Phone No:	6264583507

GeoTracker Sites Data Download - Status History

Status:	Completed - Case Closed
Status Date:	4/2/1998
Status:	Open - Site Assessment
Status Date:	1/7/1998
Status:	Open - Site Assessment
Status Date:	6/28/1995
Status:	Open - Case Begin Date
Status Date:	2/19/1990

GeoTracker Search - Regulatory Profile (as of June 5, 2024)

Site Facility Name:	SKIPS BODY SHOP
Site Facility Type:	LUST CLEANUP SITE
Cleanup Status:	COMPLETED - CASE CLOSED
Address:	4439 IMPERIAL HWY W
City:	HAWTHORNE
Zip:	90250
County:	LOS ANGELES
Report Link:	https://geotracker.waterboards.ca.gov/profile_report?global_id=T0603704308
Cleanup Status Detail:	COMPLETED - CASE CLOSED AS OF 4/2/1998
Project Status:	
Cleanup History Link:	https://geotracker.waterboards.ca.gov/profile_report_include?global_id=T0603704308&tabname=regulatoryhistory
Potential COC:	GASOLINE
Potential Media of Concern:	AQUIFER USED FOR DRINKING WATER SUPPLY
File Location:	
User Defined Beneficial Use:	
Designated Beneficial Use:	MUN, AGR, IND, PROC, 4 - Note: No MYN underlying ports of LA, LBeach - Note: No MYN underlying ports of LA, LBeach, or ElSug
DWR GW Sub Basin:	Coastal Plain Of Los Angeles - West Coast (4-011.03)
Calwater Watershed Name:	Dominguez Channel (411.01)
Post Closure Site Management:	
Future Land Use:	
Cleanup Oversight Agencies:	LOS ANGELES RWQCB (REGION 4) (LEAD) - CASE #: I-15457 LOS ANGELES COUNTY CASE MANAGER: JOHN AWUJO
CUF Claim No:	8272

CUF Priority Assig: B
CUF Amount Paid: $26,201
WDR Place Type:
WDR File No:
WDR Order No:
Project Oversight Agencies:
Facility Type:
Composting Method:
Grndwtr Monitoring Frequency:
Designated Beneficial Use Desc: Municipal and Domestic Supply, Agricultural Supply, Industrial Service Supply, Industrial Process Supply, 4 - Note: No MYN underlying ports of LA, LBeach - Note: No MYN underlying ports of LA, LBeach, or ElSug
Site History:

No site history available

GeoTracker Search - Cleanup Status History (as of June 5, 2024)

Status: Completed - Case Closed
Date : 4/2/1998

Status: Open - Site Assessment
Date : 1/7/1998

Status: Open - Site Assessment
Date : 6/28/1995

Status: Open - Case Begin Date
Date : 2/19/1990

GeoTracker Search - Regulatory Activities (as of June 5, 2024)

Action Type: Other Regulatory Actions
Action: Closure/No Further Action Letter
Action Date: 4/2/1998
Received Issue Date: 4/2/1998
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0603704308&enforcement_id=6513408&temptable=ENFORCEMENT
Title Description Comments:

Closure Letter and Closure Packet

Action Type: Leak Action
Action: Leak Reported
Action Date: 5/7/1990
Received Issue Date:
Doc Link:
Title Description Comments:

Action Type: Leak Action
Action: Leak Discovery
Action Date: 2/19/1990
Received Issue Date:
Doc Link:
Title Description Comments:

Action Type: Leak Action
Action: Leak Stopped
Action Date: 2/19/1990
Received Issue Date:
Doc Link:
Title Description Comments:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

GeoTracker Search - Documents (as of June 5, 2024)

Document Type: Site Documents
Document Date: 4/2/1998
Type: CLOSURE/NO FURTHER ACTION LETTER
Submitted:
Submitted By: MARIA BAMBICO (REGULATOR)
Title: CLOSURE LETTER AND CLOSURE PACKET
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0603704308&enforcement_id=6513408

38	1 of2	NW	0.42 / 2,212.40	71.46 / 0	***LENNOX ELEMENTARY /VIVA MARKET SCHOOL*** ***11036 HAWTHORNE BOULEVARD*** ***LENNOX CA 90304-2316***	SCH

Estor/EPA ID: 19540001
Nat Priority List: NO
Census Tract: 6037601700
Permit Renewl Lead:
Project Manager:
Site Code: 300765
Cleanup Status: NO ACTION REQUIRED AS OF 7/27/1999
Cleanup Oversight Agencies: DTSC - SITE CLEANUP PROGRAM - LEAD AGENCY
Assembly District: 61
Senate District: 35
School District: LENNOX ELEMENTARY SCHOOL DISTRICT
Office: SOUTHERN CALIFORNIA SCHOOLS & BROWNFIELDS OUTREACH
Public Participatn Spclst:
Special Program:
Funding: SCHOOL DISTRICT
Site Type: SCHOOL
APN: 4035002900
Past Use that Caused Contam: RETAIL
Potential Media Affected: NO MEDIA AFFECTED
Potential Contamin of Concern:

Acres: NONE SPECIFIED
Supervisor: MARK MALINOWSKI
County: LOS ANGELES
Latitude: 33.935309
Longitude: -118.351944

NO CONTAMINANTS FOUND

SITE HISTORY:

Commercial Building was grocery store (Viva Market) , now discount store, and parking lot.
building constructed in 1977-damaged in LA riots, rebuilt and building to be demolished in school construction.

Status: NO ACTION REQUIRED
Program Type: SCHOOL EVALUATION
CalEnviroScreen Score: 90-95%
Summary Link: https://www.envirostor.dtsc.ca.gov/public/profile_report?global_id=19540001

Completed Activities

Title: Phase 1
Title Link:
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Phase 1
Date Completed: 7/27/1999
Comments:

Title: * Site Visit - Site Inspections/visit
Title Link:
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Site Inspections/Visit (Non LUR)
Date Completed: 7/21/1999

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Comments:						

38	2 of2	NW	0.42 / 2,212.40	71.46 / 0	LENNOX ELEMENTARY /VIVA MARKET SCHOOL 11036 HAWTHORNE BOULEVARD LENNOX CA 90304-2316	ENVIROSTOR

Estor/EPA ID:	19540001	**Assembly District:**	61
Site Code:	300765	**Senate District:**	35
Nat Priority List:	NO	**Permit Renewal Lead:**	
APN:	4035002900	**Public Partici Spclst:**	
Census Tract:	6037601700	**Project Manager:**	
Site Type:	SCHOOL	**County:**	LOS ANGELES
Address Description:	11036 HAWTHORNE BOULEVARD	**Latitude:**	33.935309
Office:	SOUTHERN CALIFORNIA SCHOOLS & BROWNFIELDS OUTREACH	**Longitude:**	-118.351944
Special Program:		**Acres:**	NONE SPECIFIED
Funding:	SCHOOL DISTRICT	**Supervisor:**	MARK MALINOWSKI

Cleanup Status: NO ACTION REQUIRED AS OF 7/27/1999
Cleanup Oversight Agencies: DTSC - SITE CLEANUP PROGRAM - LEAD AGENCY
School District: LENNOX ELEMENTARY SCHOOL DISTRICT
Past Use that Caused Contam: RETAIL
Potential Media Affected: NO MEDIA AFFECTED
Potential Contamin of Concern:

NO CONTAMINANTS FOUND

Site History:

Commercial Building was grocery store (Viva Market) , now discount store, and parking lot.
building constructed in 1977-damaged in LA riots, rebuilt and building to be demolished in school construction.

Status: NO ACTION REQUIRED
Program Type: SCHOOL EVALUATION
CalEnviroScreen Score: 90-95%
Summary Link: https://www.envirostor.dtsc.ca.gov/public/profile_report?global_id=19540001

Completed Activities

Title: * Site Visit - Site Inspections/visit
Title Link:
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Site Inspections/Visit (Non LUR)
Date Completed: 7/21/1999
Comments:

Title: Phase 1
Title Link:
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Phase 1
Date Completed: 7/27/1999
Comments:

39	1 of1	W	0.43 / 2,263.93	71.46 / 0	J & S AUTOMATIC TRANSMISSION 4445 W IMPERIAL HWY INGLEWOOD CA 90304	DELISTED HAZ

Siteid: 124963
Latitude: 33.931122

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Longitude: -118.354523
Original Source: CHAZ
Record Date: 09-JUL-2018

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40 | **1 of1** | **SW** | **0.43 / 2,272.71** | **72.46 / 1** | **THRIFTY OIL #191**
11890 HAWTHORNE BLVD S
HAWTHORNE CA 90250 | **LUST**

Global ID: T0603704983
Site Facility Type: LUST CLEANUP SITE
Site Fac Type (SRCH): LUST CLEANUP SITE
Status:
Status (SRCH): COMPLETED - CASE CLOSED
Status (DL): Completed - Case Closed
Status Date (DL): 8/17/2010
Cleanup Status: COMPLETED - CASE CLOSED
Site Facility Name (SRCH): THRIFTY OIL #191
Address (SRCH): 11890 HAWTHORNE BLVD S
City (SRCH): HAWTHORNE
Zip (SRCH): 90250
County (SRCH): LOS ANGELES
Street No (DL): 11890
Street Name (DL): HAWTHORNE BLVD S
City (DL): HAWTHORNE
Zip (DL): 90250
County (DL): Los Angeles
State (DL): CA
Business Name (DL): THRIFTY OIL #191
Site Facility Name: THRIFTY OIL #191
Address : 11890 HAWTHORNE BLVD S
City : HAWTHORNE
Zip : 90250
County : LOS ANGELES
Report Source: GeoTracker Search Results (SRCH);GeoTracker Sites Data Download (DL);GeoTracker Search Results Report

Case Type (DL): LUST Cleanup Site
Oil Field (SRCH):
Oil Field Oper (SRCH):
Census Tract (SRCH): 6037602104
Latitude (DL): 33.9255891
Longitude (DL): -118.3522843
RWQCB Region (DL): LOS ANGELES RWQCB (REGION 4)

GeoTracker Sites Data Download - Site Details

CUF Case: YES
Lead Agency: LOS ANGELES RWQCB (REGION 4)
Case Worker:
Local Agency: LOS ANGELES COUNTY
RB Case No: R-10945
Local Case No: 10963-10945
File Location: Regional Board
Potential COC: Gasoline
Potential Media of Concern: Soil
Begin Date: 9/19/1996
How Discovered: Other Means
How Discovered Description:
Stop Method:
Stop Description:
Calwater Watershed Name: Dominguez Channel (411.01)
DWR GW Subbasin Name: Coastal Plain Of Los Angeles - West Coast (4-011.03)
Disadvantaged Community:
CalEnvScreen Score:
Coordinate Source: * Historical Geocode - Exact Address Match
Discharge Cause: Spill
Discharge Source:
EPA Region: 9
Leak Reported Dt: 1996-09-19 00:00:00
Military DoD Site: No
No Further Action Dt: 2010-08-17 00:00:00
Qty Rlsd Gallons:
Facility Project Sub Type:
Calenviroscreen 3 Score: 81-85%
Calenviroscreen 4 Score: 90-95%

Site History:

GeoTracker Sites Data Download - Regulatory Contacts

Contact Type: Local Agency Caseworker
Contact Name: KATTYA BATRES RINZE
Organization Name: LOS ANGELES COUNTY
Address: 900 SOUTH FREMONT AVE
City: ALHAMBRA
Email: gbatres@dpw.lacounty.gov
Phone No:

GeoTracker Sites Data Download - Status History

Status: Completed - Case Closed
Status Date: 8/17/2010

Status: Open - Site Assessment
Status Date: 4/7/2009

Status: Open - Referred
Status Date: 3/16/2009

Status: Open - Case Begin Date
Status Date: 9/19/1996

GeoTracker Search - Regulatory Profile (as of June 5, 2024)

Site Facility Name: THRIFTY OIL #191
Site Facility Type: LUST CLEANUP SITE
Cleanup Status: COMPLETED - CASE CLOSED
Address: 11890 HAWTHORNE BLVD S
City: HAWTHORNE
Zip: 90250
County: LOS ANGELES
Report Link: https://geotracker.waterboards.ca.gov/profile_report?global_id=T0603704983
Cleanup Status Detail: COMPLETED - CASE CLOSED AS OF 8/17/2010
Project Status:
Cleanup History Link: https://geotracker.waterboards.ca.gov/profile_report_include?global_id=T0603704983&tabname=regulatoryhistory
Potential COC: GASOLINE
Potential Media of Concern: SOIL
File Location: REGIONAL BOARD
User Defined Beneficial Use:
Designated Beneficial Use: MUN, AGR, IND, PROC, 4 - Note: No MYN underlying ports of LA, LBeach - Note: No MYN underlying ports of LA, LBeach, or ElSug
DWR GW Sub Basin: Coastal Plain Of Los Angeles - West Coast (4-011.03)
Calwater Watershed Name: Dominguez Channel (411.01)
Post Closure Site Management:
Future Land Use:
Cleanup Oversight Agencies: LOS ANGELES RWQCB (REGION 4) (LEAD) - CASE #: R-10945
LOS ANGELES COUNTY - CASE #: 10963-10945
CASE MANAGER: KATTYA BATRES RINZE
CUF Claim No: 16667
CUF Priority Assig: C
CUF Amount Paid: $20,068
WDR Place Type:
WDR File No:
WDR Order No:
Project Oversight Agencies:
Facility Type:
Composting Method:
Grndwtr Monitoring Frequency:
Designated Beneficial Use Desc: Municipal and Domestic Supply, Agricultural Supply, Industrial Service Supply, Industrial Process Supply, 4 - Note: No MYN underlying ports of LA, LBeach - Note: No MYN underlying ports of LA, LBeach, or ElSug
Site History:

No site history available

GeoTracker Search - Cleanup Status History (as of June 5, 2024)

Status: Completed - Case Closed
Date : 8/17/2010

Status: Open - Site Assessment
Date : 4/7/2009

Status: Open - Referred
Date : 3/16/2009

Status: Open - Case Begin Date
Date : 9/19/1996

GeoTracker Search - Regulatory Activities (as of June 5, 2024)

Action Type: Other Regulatory Actions
Action: Closure/No Further Action Letter
Action Date: 8/17/2010
Received Issue Date: 8/17/2010
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0603704983&enforcement_id=6061473&temptable=ENFORCEMENT
Title Description Comments:

Closure Letter

Action Type: Response Requested - Other
Action: Request for Closure
Action Date: 6/28/2010
Received Issue Date: 6/28/2010
Doc Link:
Title Description Comments:

Action Type: Response Requested - Workplans
Action: Soil and Water Investigation Workplan
Action Date: 6/1/2010
Received Issue Date: 5/28/2010
Doc Link:
Title Description Comments:

Action Type: Other Regulatory Actions
Action: Staff Letter
Action Date: 3/24/2010
Received Issue Date: 3/24/2010
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0603704983&enforcement_id=6046778&temptable=ENFORCEMENT
Title Description Comments:

workplan required

Action Type: Response Requested - Other
Action: Other Report / Document
Action Date: 6/1/2009
Received Issue Date: 6/1/2009
Doc Link:
Title Description Comments:

Action Type: Response Requested - Other
Action: Other Report / Document

Action Date: 6/1/2009
Received Issue Date: 5/28/2009
Doc Link:
Title Description Comments:

30 day letter

Action Type: Other Regulatory Actions
Action: Staff Letter
Action Date: 4/7/2009
Received Issue Date: 4/7/2009
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0603704983&enforcement_id=6015760&temptable=ENFORCEMENT
Title Description Comments:

Additional Info

Action Type: Leak Action
Action: Leak Stopped
Action Date: 12/23/1996
Received Issue Date:
Doc Link:
Title Description Comments:

Action Type: Leak Action
Action: Leak Discovery
Action Date: 12/23/1996
Received Issue Date:
Doc Link:
Title Description Comments:

Action Type: Leak Action
Action: Leak Reported
Action Date: 9/19/1996
Received Issue Date:
Doc Link:
Title Description Comments:

GeoTracker Search - Documents (as of June 5, 2024)

Document Type: Site Documents ***Document Date:*** 8/17/2010
Type: CLOSURE/NO FURTHER ACTION LETTER ***Submitted:***
Submitted By: JESSICA YEUNG (REGULATOR)
Title: CLOSURE LETTER
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0603704983&enforcement_id=6061473

Document Type: Site Documents ***Document Date:*** 6/22/2010
Type: REQUEST FOR CLOSURE ***Submitted:***
Submitted By: ROI HERTANTO (CONTRACTOR)
Title: SOIL SAMPLE REPORT AND REQUEST FOR SITE CLOSURE
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/5720673918/T0603704983.PDF

Document Type: Site Documents ***Document Date:*** 5/20/2010
Type: OTHER REPORT / DOCUMENT ***Submitted:***
Submitted By: ROI HERTANTO (CONTRACTOR)
Title: SITE HEALTH AND SAFETY PLAN
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/1584275245/T0603704983.PDF

Document Type: Site Documents ***Document Date:*** 3/24/2010
Type: STAFF LETTER ***Submitted:***
Submitted By: JIANMIN HUANG (REGULATOR)
Title: WORKPLAN REQUIRED
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0603704983&enforcement_id=6046778

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Document Type: Site Documents **Document Date:** 5/27/2009
Type: SOIL AND WATER INVESTIGATION REPORT **Submitted:**
Submitted By: ROI HERTANTO (CONTRACTOR)
Title: GENERAL INFORMATION 1 OF 2
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/3969338953/T0603704983.PDF

Document Type: Site Documents **Document Date:** 5/27/2009
Type: SOIL AND WATER INVESTIGATION REPORT **Submitted:**
Submitted By: ROI HERTANTO (CONTRACTOR)
Title: GENERAL INFORMATION 2 OF 2
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/9798486173/T0603704983.PDF

Document Type: Site Documents **Document Date:** 4/7/2009
Type: STAFF LETTER **Submitted:**
Submitted By: JIANMIN HUANG (REGULATOR)
Title: ADDITIONAL INFO
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0603704983&enforcement_id=6015760

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
41	1 of2	E	0.45 / 2,349.66	70.46 / -1	FAST FUEL #77 / TEXACO-FORMER 3754 IMPERIAL HWY W INGLEWOOD CA 90303	LUST

Global ID: T0603704609 **Case Type (DL):** LUST Cleanup Site
Site Facility Type: LUST CLEANUP SITE **Oil Field (SRCH):**
Site Fac Type (SRCH): LUST CLEANUP SITE **Oil Field Oper (SRCH):**
Status: **Census Tract (SRCH):** 6037602002
Status (SRCH): COMPLETED - CASE CLOSED **Latitude (DL):** 33.930931
Status (DL): Completed - Case Closed **Longitude (DL):** -118.3385554
Status Date (DL): 1/1/1998 **RWQCB Region (DL):** LOS ANGELES RWQCB (REGION 4)
Cleanup Status: COMPLETED - CASE CLOSED
Site Facility Name (SRCH): FAST FUEL #77 / TEXACO-FORMER
Address (SRCH): 3754 IMPERIAL HWY W
City (SRCH): INGLEWOOD
Zip (SRCH): 90303
County (SRCH): LOS ANGELES
Street No (DL): 3754
Street Name (DL): IMPERIAL HWY W
City (DL): INGLEWOOD
Zip (DL): 90303
County (DL): Los Angeles
State (DL): CA
Business Name (DL): FAST FUEL #77 / TEXACO-FORMER
Site Facility Name: FAST FUEL #77 / TEXACO-FORMER
Address : 3754 IMPERIAL HWY W
City : INGLEWOOD
Zip : 90303
County : LOS ANGELES
Report Source: GeoTracker Search Results (SRCH);GeoTracker Sites Data Download (DL);GeoTracker Search Results Report

GeoTracker Sites Data Download - Site Details

CUF Case: NO
Lead Agency: LOS ANGELES COUNTY
Case Worker: RVI
Local Agency: LOS ANGELES COUNTY
RB Case No: R-03308
Local Case No:
File Location:
Potential COC: Gasoline
Potential Media of Concern: Soil
Begin Date: 3/30/1995
How Discovered:
How Discovered Description:
Stop Method:

Stop Description:
Calwater Watershed Name: Dominguez Channel (411.01)
DWR GW Subbasin Name: Coastal Plain Of Los Angeles - West Coast (4-011.03)
Disadvantaged Community:
CalEnvScreen Score:
Coordinate Source: Google Geocode
Discharge Cause:
Discharge Source:
EPA Region: 9
Leak Reported Dt: 1995-03-30 00:00:00
Military DoD Site: No
No Further Action Dt: 1998-01-01 00:00:00
Qty Rlsd Gallons:
Facility Project Sub Type:
Calenviroscreen 3 Score: 86-90%
Calenviroscreen 4 Score: 90-95%
Site History:

GeoTracker Sites Data Download - Regulatory Contacts

Contact Type: Local Agency Caseworker - Primary Caseworker
Contact Name: RANI IYER
Organization Name: LOS ANGELES COUNTY
Address: 900 S. FREMONT AVE.
City: ALHAMBRA
Email: riyer@dpw.lacounty.gov
Phone No:

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 No:

GeoTracker Sites Data Download - Status History

Status: Completed - Case Closed
Status Date: 1/1/1998

Status: Open - Inactive
Status Date: 12/1/1996

Status: Open - Site Assessment
Status Date: 12/7/1995

Status: Open - Case Begin Date
Status Date: 3/30/1995

GeoTracker Search - Regulatory Profile (as of June 5, 2024)

Site Facility Name: FAST FUEL #77 / TEXACO-FORMER
Site Facility Type: LUST CLEANUP SITE
Cleanup Status: COMPLETED - CASE CLOSED
Address: 3754 IMPERIAL HWY W
City: INGLEWOOD
Zip: 90303
County: LOS ANGELES
Report Link: https://geotracker.waterboards.ca.gov/profile_report?global_id=T0603704609
Cleanup Status Detail: COMPLETED - CASE CLOSED AS OF 1/1/1998
Project Status:
Cleanup History Link: https://geotracker.waterboards.ca.gov/profile_report_include?global_id=T0603704609&tabname=regulatoryhistory
Potential COC: GASOLINE
Potential Media of Concern: SOIL

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

File Location:
User Defined Beneficial Use:
Designated Beneficial Use: MUN, AGR, IND, PROC, 4 - Note: No MYN underlying ports of LA, LBeach - Note: No MYN underlying ports of LA, LBeach, or ElSug
DWR GW Sub Basin: Coastal Plain Of Los Angeles - West Coast (4-011.03)
Calwater Watershed Name: Dominguez Channel (411.01)
Post Closure Site Management:
Future Land Use:
Cleanup Oversight Agencies: LOS ANGELES COUNTY (LEAD)
CASE MANAGER: RANI IYER
LOS ANGELES RWQCB (REGION 4) - CASE #: R-03308
CASE MANAGER: YUE RONG
CUF Claim No:
CUF Priority Assig:
CUF Amount Paid:
WDR Place Type:
WDR File No:
WDR Order No:
Project Oversight Agencies:
Facility Type:
Composting Method:
Grndwtr Monitoring Frequency:
Designated Beneficial Use Desc: Municipal and Domestic Supply, Agricultural Supply, Industrial Service Supply, Industrial Process Supply, 4 - Note: No MYN underlying ports of LA, LBeach - Note: No MYN underlying ports of LA, LBeach, or ElSug
Site History:

No site history available

GeoTracker Search - Cleanup Status History (as of June 5, 2024)

Status: Completed - Case Closed
Date : 1/1/1998

Status: Open - Inactive
Date : 12/1/1996

Status: Open - Site Assessment
Date : 12/7/1995

Status: Open - Case Begin Date
Date : 3/30/1995

GeoTracker Search - Regulatory Activities (as of June 5, 2024)

Action Type: Leak Action
Action: Leak Reported
Action Date: 3/30/1995
Received Issue Date:
Doc Link:
Title Description Comments:

41	2 of2	E	0.45 / 2,349.66	70.46 / -1	***TOYON LLC*** ***3754 IMPERIAL HWY W*** ***HAWTHORNE CA 90250***	***LUST***

Global ID: T0603792980
Site Facility Type: LUST CLEANUP SITE
Site Fac Type (SRCH): LUST CLEANUP SITE
Status:
Status (SRCH): COMPLETED - CASE CLOSED
Status (DL): Completed - Case Closed
Status Date (DL): 9/14/1999
Cleanup Status: COMPLETED - CASE CLOSED
Site Facility Name (SRCH): TOYON LLC

Case Type (DL): LUST Cleanup Site
Oil Field (SRCH):
Oil Field Oper (SRCH):
Census Tract (SRCH): 6037600400
Latitude (DL): 33.931
Longitude (DL): -118.315013
RWQCB Region (DL): LOS ANGELES RWQCB (REGION 4)

Address (SRCH):	3754 IMPERIAL HWY W
City (SRCH):	HAWTHORNE
Zip (SRCH):	90250
County (SRCH):	LOS ANGELES
Street No (DL):	3754
Street Name (DL):	IMPERIAL HWY W
City (DL):	HAWTHORNE
Zip (DL):	90250
County (DL):	Los Angeles
State (DL):	CA
Business Name (DL):	TOYON LLC
Site Facility Name:	TOYON LLC
Address :	3754 IMPERIAL HWY W
City :	HAWTHORNE
Zip :	90250
County :	LOS ANGELES
Report Source:	GeoTracker Search Results (SRCH);GeoTracker Sites Data Download (DL);GeoTracker Search Results Report

GeoTracker Sites Data Download - Site Details

CUF Case:	NO
Lead Agency:	LOS ANGELES COUNTY
Case Worker:	JOA
Local Agency:	LOS ANGELES COUNTY
RB Case No:	R-26557
Local Case No:	
File Location:	
Potential COC:	Other Solvent or Non-Petroleum Hydrocarbon
Potential Media of Concern:	Soil
Begin Date:	12/16/1998
How Discovered:	* TR
How Discovered Description:	
Stop Method:	
Stop Description:	
Calwater Watershed Name:	Dominguez Channel (411.01)
DWR GW Subbasin Name:	Coastal Plain Of Los Angeles - Central (4-011.04)
Disadvantaged Community:	
CalEnvScreen Score:	
Coordinate Source:	* Historical Geocode - Exact Address Match
Discharge Cause:	
Discharge Source:	Tank
EPA Region:	9
Leak Reported Dt:	1999-08-31 00:00:00
Military DoD Site:	No
No Further Action Dt:	1999-09-14 00:00:00
Qty Rlsd Gallons:	
Facility Project Sub Type:	
Calenviroscreen 3 Score:	76-80%
Calenviroscreen 4 Score:	75-80%
Site History:	

GeoTracker Sites Data Download - Regulatory Contacts

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 No:	

Contact Type:	Local Agency Caseworker - Primary Caseworker
Contact Name:	JOHN AWUJO
Organization Name:	LOS ANGELES COUNTY
Address:	900 S FREMONT AVE
City:	ALHAMBRA

Email: jawujo@dpw.lacounty.gov
Phone No: 6264583507

GeoTracker Sites Data Download - Status History

Status: Completed - Case Closed
Status Date: 9/14/1999

Status: Open - Case Begin Date
Status Date: 12/16/1998

Status: Open - Site Assessment
Status Date: 12/16/1998

GeoTracker Search - Regulatory Profile (as of June 5, 2024)

Site Facility Name: TOYON LLC
Site Facility Type: LUST CLEANUP SITE
Cleanup Status: COMPLETED - CASE CLOSED
Address: 3754 IMPERIAL HWY W
City: HAWTHORNE
Zip: 90250
County: LOS ANGELES
Report Link: https://geotracker.waterboards.ca.gov/profile_report?global_id=T0603792980
Cleanup Status Detail: COMPLETED - CASE CLOSED AS OF 9/14/1999
Project Status:
Cleanup History Link: https://geotracker.waterboards.ca.gov/profile_report_include?global_id=T0603792980&tabname=regulatoryhistory
Potential COC: OTHER SOLVENT OR NON-PETROLEUM HYDROCARBON
Potential Media of Concern: SOIL
File Location:
User Defined Beneficial Use:
Designated Beneficial Use: MUN, AGR, IND, PROC, 4 - Note: No MYN underlying ports of LA, LBeach - Note: No MYN underlying ports of LA, LBeach, or ElSug
DWR GW Sub Basin: Coastal Plain Of Los Angeles - Central (4-011.04)
Calwater Watershed Name: Dominguez Channel (411.01)
Post Closure Site Management:
Future Land Use:
Cleanup Oversight Agencies: LOS ANGELES COUNTY (LEAD)
CASE MANAGER: JOHN AWUJO
LOS ANGELES RWQCB (REGION 4) - CASE #: R-26557
CASE MANAGER: YUE RONG
CUF Claim No:
CUF Priority Assig:
CUF Amount Paid:
WDR Place Type:
WDR File No:
WDR Order No:
Project Oversight Agencies:
Facility Type:
Composting Method:
Grndwtr Monitoring Frequency:
Designated Beneficial Use Desc: Municipal and Domestic Supply, Agricultural Supply, Industrial Service Supply, Industrial Process Supply, 4 - Note: No MYN underlying ports of LA, LBeach - Note: No MYN underlying ports of LA, LBeach, or ElSug
Site History:

No site history available

GeoTracker Search - Cleanup Status History (as of June 5, 2024)

Status: Completed - Case Closed
Date : 9/14/1999

Status: Open - Site Assessment
Date : 12/16/1998

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Status: Open - Case Begin Date
Date : 12/16/1998

GeoTracker Search - Regulatory Activities (as of June 5, 2024)

Action Type: Other Regulatory Actions
Action: Closure/No Further Action Letter
Action Date: 9/14/1999
Received Issue Date: 9/14/1999
Doc Link:
Title Description Comments:

Action Type: Leak Action
Action: Leak Reported
Action Date: 8/31/1999
Received Issue Date:
Doc Link:
Title Description Comments:

Action Type: Leak Action
Action: Leak Discovery
Action Date: 12/16/1998
Received Issue Date:
Doc Link:
Title Description Comments:

42	1 of1	NNE	0.48 / 2,516.85	78.40 / 7	**Ponce Recycling** **10801 Prairie Ave** **Inglewood CA 90303**	RECYCLING

Account No: RC187842.001
Website:
Phone No: (323) 533-4862
Email: ponceрecycling@aol.com
Hours of Operation: Mon - Sun 9:00 am - 5:00 pm
Organization Name: Ponce Recycling Inc
Mailing Address: 5425 W 64Th St
Mailing City: Los Angeles
Mailing State: CA
Mailing Postal Cd: 90056

Facility County: Los Angeles
Operation Begin Dt: 6/1/2013
Rural: No
Appointment Only: No

43	1 of1	NNE	0.49 / 2,590.86	78.46 / 7	**SHELL SERVICE STATION** **10800 PRAIRIE AVE S** **INGLEWOOD CA 90303**	LUST

Global ID: T0603705368
Site Facility Type: LUST CLEANUP SITE
Site Fac Type (SRCH): LUST CLEANUP SITE
Status:
Status (SRCH): COMPLETED - CASE CLOSED
Status (DL): Completed - Case Closed
Status Date (DL): 9/24/1998
Cleanup Status: COMPLETED - CASE CLOSED
Site Facility Name (SRCH): SHELL SERVICE STATION
Address (SRCH): 10800 PRAIRIE AVE S
City (SRCH): INGLEWOOD
Zip (SRCH): 90303
County (SRCH): LOS ANGELES
Street No (DL): 10800
Street Name (DL): PRAIRIE AVE S
City (DL): INGLEWOOD
Zip (DL): 90303
County (DL): Los Angeles

Case Type (DL): LUST Cleanup Site
Oil Field (SRCH):
Oil Field Oper (SRCH):
Census Tract (SRCH): 6037602003
Latitude (DL): 33.9373586080716
Longitude (DL): -118.343693593172
RWQCB Region (DL): LOS ANGELES RWQCB (REGION 4)

State (DL):	CA
Business Name (DL):	SHELL SERVICE STATION
Site Facility Name:	SHELL SERVICE STATION
Address :	10800 PRAIRIE AVE S
City :	INGLEWOOD
Zip :	90303
County :	LOS ANGELES
Report Source:	GeoTracker Search Results (SRCH);GeoTracker Sites Data Download (DL);GeoTracker Search Results Report

GeoTracker Sites Data Download - Site Details

CUF Case:	NO
Lead Agency:	LOS ANGELES COUNTY
Case Worker:	JOA
Local Agency:	LOS ANGELES COUNTY
RB Case No:	R-22659
Local Case No:	
File Location:	
Potential COC:	Other Solvent or Non-Petroleum Hydrocarbon
Potential Media of Concern:	Soil
Begin Date:	2/7/1997
How Discovered:	Tank Closure
How Discovered Description:	
Stop Method:	
Stop Description:	
Calwater Watershed Name:	Dominguez Channel (411.01)
DWR GW Subbasin Name:	Coastal Plain Of Los Angeles - West Coast (4-011.03)
Disadvantaged Community:	Disadvantaged Community
CalEnvScreen Score:	
Coordinate Source:	Google Map Move
Discharge Cause:	Unknown
Discharge Source:	Other
EPA Region:	9
Leak Reported Dt:	1998-06-02 00:00:00
Military DoD Site:	No
No Further Action Dt:	1998-09-24 00:00:00
Qty Rlsd Gallons:	
Facility Project Sub Type:	
Calenviroscreen 3 Score:	81-85%
Calenviroscreen 4 Score:	85-90%
Site History:	

GeoTracker Sites Data Download - Regulatory Contacts

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 No:	

Contact Type:	Local Agency Caseworker - Primary Caseworker
Contact Name:	JOHN AWUJO
Organization Name:	LOS ANGELES COUNTY
Address:	900 S FREMONT AVE
City:	ALHAMBRA
Email:	jawujo@dpw.lacounty.gov
Phone No:	6264583507

GeoTracker Sites Data Download - Status History

Status:	Completed - Case Closed
Status Date:	9/24/1998

Status: Open - Site Assessment
Status Date: 6/2/1998

Status: Open - Case Begin Date
Status Date: 2/7/1997

GeoTracker Search - Regulatory Profile (as of June 5, 2024)

Site Facility Name: SHELL SERVICE STATION
Site Facility Type: LUST CLEANUP SITE
Cleanup Status: COMPLETED - CASE CLOSED
Address: 10800 PRAIRIE AVE S
City: INGLEWOOD
Zip: 90303
County: LOS ANGELES
Report Link: https://geotracker.waterboards.ca.gov/profile_report?global_id=T0603705368
Cleanup Status Detail: COMPLETED - CASE CLOSED AS OF 9/24/1998
Project Status:
Cleanup History Link: https://geotracker.waterboards.ca.gov/profile_report_include?global_id=T0603705368&tabname=regulatoryhistory
Potential COC: OTHER SOLVENT OR NON-PETROLEUM HYDROCARBON
Potential Media of Concern: SOIL
File Location:
User Defined Beneficial Use:
Designated Beneficial Use: MUN, AGR, IND, PROC, 4 - Note: No MYN underlying ports of LA, LBeach - Note: No MYN underlying ports of LA, LBeach, or ElSug
DWR GW Sub Basin: Coastal Plain Of Los Angeles - West Coast (4-011.03)
Calwater Watershed Name: Dominguez Channel (411.01)
Post Closure Site Management:
Future Land Use:
Cleanup Oversight Agencies: LOS ANGELES COUNTY (LEAD)
CASE MANAGER: JOHN AWUJO
LOS ANGELES RWQCB (REGION 4) - CASE #: R-22659
CASE MANAGER: YUE RONG
CUF Claim No:
CUF Priority Assig:
CUF Amount Paid:
WDR Place Type:
WDR File No:
WDR Order No:
Project Oversight Agencies:
Facility Type:
Composting Method:
Grndwtr Monitoring Frequency:
Designated Beneficial Use Desc: Municipal and Domestic Supply, Agricultural Supply, Industrial Service Supply, Industrial Process Supply, 4 - Note: No MYN underlying ports of LA, LBeach - Note: No MYN underlying ports of LA, LBeach, or ElSug
Site History:

No site history available

GeoTracker Search - Cleanup Status History (as of June 5, 2024)

Status: Completed - Case Closed
Date : 9/24/1998

Status: Open - Site Assessment
Date : 6/2/1998

Status: Open - Case Begin Date
Date : 2/7/1997

GeoTracker Search - Regulatory Activities (as of June 5, 2024)

Action Type: Other Regulatory Actions
Action: Closure/No Further Action Letter
Action Date: 9/24/1998

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Received Issue Date: 9/24/1998
Doc Link:
Title Description Comments:

Action Type: Leak Action
Action: Leak Reported
Action Date: 6/2/1998
Received Issue Date:
Doc Link:
Title Description Comments:

Action Type: Leak Action
Action: Leak Discovery
Action Date: 5/13/1998
Received Issue Date:
Doc Link:
Title Description Comments:

Action Type: Leak Action
Action: Leak Stopped
Action Date: 2/7/1997
Received Issue Date:
Doc Link:
Title Description Comments:

44	1 of1	WNW	0.49 / 2,606.07	71.67 / 0	LUIS PEREZ 11037 S BURIN AVE #1,2,3,5 INGLEWOOD CA 90304	RCRA TSD

EPA Handler ID: CAC003017095
Gen Status Universe: No Report
Contact Name: LUIS PEREZ
Contact Address: 11037 S BURIN AVE #1,2,3,5 , , INGLEWOOD , CA, 90304 ,
Contact Phone No and Ext: 562-618-8828
Contact Email: CSHIM@HJCONST.COM
Contact Country:
Land Type:
County Name: LOS ANGELES
EPA Region: 09
Receive Date: 20190529
Location Latitude: 33.934987
Location Longitude: -118.35381

Violation/Evaluation Summary

Note: NO RECORDS: As of Apr 2024, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility: No
Onsite Burner Exemption: No
Smelting, Melting and Refining: No
Underground Injection Control: No
Commercial TSD: No
Used Oil Transporter: No
Used Oil Transfer Facility: No
Used Oil Processor: No
Used Oil Refiner: No

Used Oil Burner: No
Used Oil Market Burner: No
Used Oil Spec Marketer: No

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 20190529
Handler Name: LUIS PEREZ
Federal Waste Generator Code: N
Generator Code Description: Not a Generator, Verified
Source Type: Implementer
TSD Activity: Y

Owner/Operator Details

Owner/Operator Ind: Current Owner
Type: Other
Name: LUIS PEREZ
Date Became Current:
Date Ended Current:
Phone: 562-618-8828
Source Type: Implementer
Street No:
Street 1: 11037 S BURIN AVE #1,2,3,5
Street 2:
City: INGLEWOOD
State: CA
Country:
Zip Code: 90304

Owner/Operator Ind: Current Operator
Type: Other
Name: LUIS PEREZ
Date Became Current:
Date Ended Current:
Phone: 562-618-8828
Source Type: Implementer
Street No:
Street 1: 11037 S BURIN AVE #1,2,3,5
Street 2:
City: INGLEWOOD
State: CA
Country:
Zip Code: 90304

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45 | **1 of1** | **W** | **0.52 / 2,739.37** | **73.46 / 2** | **ALEY & L GROUP CORP**
4561 W 115TH ST
HAWTHORNE CA 90250
INSP
COMP ENF

EPA ID: CAL000363983
Geotracker Address:
Geotracker City:
Report URL: https://www.envirostor.dtsc.ca.gov/public/eerp_profile_report?global_id=3003730
County: LOS ANGELES
Geotracker Lat:
Geotracker Long:

Inspection Information

Inspection Type: Compliance Evaluation Inspection - Transporter
Violations: No Violations
Inspection Date: 3/29/2023
Return to Compliance:
Report Sent Date: 4/25/2023

Site Details (Download)

Envirostor ID: 3003730
Site Type: INSPECTION
Status: No Action

---

46 | **1 of1** | **WSW** | **0.75 / 3,948.18** | **79.46 / 8** | **MANHATTAN BEACH HARBOR DEFENSE**
MANHATTAN BEACH CA 90266
ENVIROSTOR

Estor/EPA ID: 80001033
Site Code:
Nat Priority List: NO
APN: NONE SPECIFIED
Assembly District: 61
Senate District: 35
Permit Renewal Lead:
Public Partici Spclst:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Census Tract: 6037602103
Site Type: FUDS
Address Description:
Office: CLEANUP CYPRESS
Special Program:
Funding: DERA
Project Manager:
County: LOS ANGELES
Latitude: 33.925
Longitude: -118.358333333333
Acres: 20 ACRES
Supervisor: EILEEN MANANIAN
Cleanup Status: INACTIVE - NEEDS EVALUATION AS OF 8/8/2016
Cleanup Oversight Agencies: DTSC - SITE CLEANUP PROGRAM - LEAD AGENCY
School District:
Past Use that Caused Contam: NONE SPECIFIED
Potential Media Affected: NONE SPECIFIED
Potential Contamin of Concern:

NONE SPECIFIED

Site History:

Status: INACTIVE - NEEDS EVALUATION
Program Type: MILITARY EVALUATION
CalEnviroScreen Score: 90-95%
Summary Link: https://www.envirostor.dtsc.ca.gov/public/profile_report?global_id=80001033

Completed Activities

Title: USACE INPR Summary J0CA739800 2 July 1999
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=80001033&doc_id=5011347
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Inventory Project Report (INPR)
Date Completed: 7/2/1999
Comments:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
47	1 of2	NNE	0.77 / 4,047.93	84.46 / 13	WHALEN ELEMENTARY SCHOOL EXPANSION 104TH STREET/105TH STREET LENNOX CA 90304	SCH

Estor/EPA ID: 19880081
Nat Priority List: NO
Census Tract: 6037601802
Permit Renewl Lead:
Project Manager: SHAHIR HADDAD
Site Code: 304379
Acres: 6.42 ACRES
Supervisor: SHAHIR HADDAD
County: LOS ANGELES
Latitude: 33.9418
Longitude: -118.3446
Cleanup Status: NO FURTHER ACTION AS OF 12/27/2006
Cleanup Oversight Agencies: DTSC - SITE CLEANUP PROGRAM - LEAD AGENCY
Assembly District: 61
Senate District: 35
School District: LENNOX ELEMENTARY SCHOOL DISTRICT
Office: SOUTHERN CALIFORNIA SCHOOLS & BROWNFIELDS OUTREACH
Public Participatn Spclst:
Special Program:
Funding: SCHOOL DISTRICT
Site Type: SCHOOL
APN: NONE SPECIFIED
Past Use that Caused Contam: RESIDENTIAL AREA
Potential Media Affected: SOIL
Potential Contamin of Concern:

LEAD

SITE HISTORY:

Site consisted of 30 single and/or multi-family residential parcels and the former Whelan Elementary school that have been on site since the 1950's. All structures have recently been demolished (2006). Post-demolition sampling for LBP was conducted throughout the site. Soil investigation indicated lead concentrations below DTSC screening level of 255mg/kg. No further investigation required (12/27/06).

Status: NO FURTHER ACTION
Program Type: SCHOOL EVALUATION
CalEnviroScreen Score: 75-80%
Summary Link: https://www.envirostor.dtsc.ca.gov/public/profile_report?global_id=19880081

Completed Activities

Title: Phase 1
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19880081&doc_id=6002636
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Phase 1
Date Completed: 8/27/2002
Comments:

Title: Fieldwork
Title Link:
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Fieldwork
Date Completed: 7/13/2005
Comments: Fieldwork

Title: 4.14A Form
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19880081&doc_id=6014017
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: 4.14 Request
Date Completed: 3/15/2004
Comments: Approved.

Title: Phase I Addendum
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19880081&doc_id=6011183
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Phase 1 Addendum
Date Completed: 12/27/2006
Comments: Phase I Addendum approved 12/27/2006. No Further Action required.

47	2 of2	NNE	0.77 / 4,047.93	84.46 / 13	WHALEN ELEMENTARY SCHOOL EXPANSION 104TH STREET/105TH STREET LENNOX CA 90304	ENVIROSTOR

Estor/EPA ID: 19880081
Site Code: 304379
Nat Priority List: NO
APN: NONE SPECIFIED
Census Tract: 6037601802
Site Type: SCHOOL
Address Description: 104TH STREET/105TH STREET
Office: SOUTHERN CALIFORNIA SCHOOLS & BROWNFIELDS OUTREACH
Special Program:
Funding: SCHOOL DISTRICT
Cleanup Status: NO FURTHER ACTION AS OF 12/27/2006
Cleanup Oversight Agencies: DTSC - SITE CLEANUP PROGRAM - LEAD AGENCY

Assembly District: 61
Senate District: 35
Permit Renewal Lead:
Public Partici Spclst:
Project Manager: SHAHIR HADDAD
County: LOS ANGELES
Latitude: 33.9418
Longitude: -118.3446
Acres: 6.42 ACRES
Supervisor: SHAHIR HADDAD

School District: LENNOX ELEMENTARY SCHOOL DISTRICT
Past Use that Caused Contam: RESIDENTIAL AREA
Potential Media Affected: SOIL
Potential Contamin of Concern:

LEAD

Site History:

Site consisted of 30 single and/or multi-family residential parcels and the former Whelan Elementary school that have been on site since the 1950's. All structures have recently been demolished (2006). Post-demolition sampling for LBP was conducted throughout the site. Soil investigation indicated lead concentrations below DTSC screening level of 255mg/kg. No further investigation required (12/27/06).

Status: NO FURTHER ACTION
Program Type: SCHOOL EVALUATION
CalEnviroScreen Score: 75-80%
Summary Link: https://www.envirostor.dtsc.ca.gov/public/profile_report?global_id=19880081

Completed Activities

Title: Phase I Addendum
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19880081&doc_id=6011183
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Phase 1 Addendum
Date Completed: 12/27/2006
Comments: Phase I Addendum approved 12/27/2006. No Further Action required.

Title: Phase 1
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19880081&doc_id=6002636
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Phase 1
Date Completed: 8/27/2002
Comments:

Title: Fieldwork
Title Link:
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Fieldwork
Date Completed: 7/13/2005
Comments: Fieldwork

Title: 4.14A Form
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19880081&doc_id=6014017
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: 4.14 Request
Date Completed: 3/15/2004
Comments: Approved.

48	1 of1	W	0.79 / 4,147.62	78.46 / 7	FOSTER OIL COMPANY 4760 WEST IMPERIAL HIGHWAY INGLEWOOD CA 90301	ENVIROSTOR

Estor/EPA ID: 19750078
Site Code:
Assembly District: 61
Senate District: 35

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Nat Priority List: NO
APN: NONE SPECIFIED
Census Tract: 6037602103
Site Type: * HISTORICAL
Address Description: 4760 WEST IMPERIAL HIGHWAY
Office: CLEANUP CHATSWORTH
Special Program:
Funding:
Permit Renewal Lead:
Public Partici Spclst:
Project Manager:
County: LOS ANGELES
Latitude: 33.9308333333333
Longitude: -118.360555555556
Acres: NONE SPECIFIED
Supervisor:
Cleanup Status: REFER: OTHER AGENCY AS OF 8/29/1995
Cleanup Oversight Agencies: NONE SPECIFIED
School District:
Past Use that Caused Contam: NONE SPECIFIED
Potential Media Affected: NONE SPECIFIED
Potential Contamin of Concern:

UNCATEGORIZED

Site History:

Status: REFER: OTHER AGENCY
Program Type: HISTORICAL
CalEnviroScreen Score: 90-95%
Summary Link: https://www.envirostor.dtsc.ca.gov/public/profile_report?global_id=19750078

Completed Activities

Title: Site Screening
Title Link:
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Site Screening
Date Completed: 4/20/1994
Comments: The Deprtment received a Notice of Intent to sue under RCRA dated September 28, 1993. On November 8, 1993 the Dept. issued the Information Request. The information received indicates that the site is used for auto repair and gasoline service station and contaminated with petroleum hydrocarbons The Department's contact with the Los Angeles City Fire Department, Underground Tank Program indicates that the site is under the jurisdiction of the LA City Fire Dept. Due to LA City jurisdiction, the Department's involvement is unnecessary.

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
49	1 of2	E	0.84 / 4,418.43	70.46 / -1	TODAY'S FRESH START CHARTER SCHOOL 3405 W. IMPERIAL HIGHWAY INGLEWOOD CA 90303	SCH

Estor/EPA ID: 60000556
Nat Priority List: NO
Census Tract: 6037602004
Permit Renewl Lead:
Project Manager:
Site Code: 304558
Cleanup Status: NO FURTHER ACTION AS OF 6/12/2008
Cleanup Oversight Agencies: DTSC - SITE CLEANUP PROGRAM - LEAD AGENCY
Assembly District: 61
Senate District: 35
School District: CHARTER SCHOOL DISTRICT
Office: SOUTHERN CALIFORNIA SCHOOLS & BROWNFIELDS OUTREACH
Public Participatn Spclst:
Special Program:
Funding: SCHOOL DISTRICT
Site Type: SCHOOL
APN: 4031026024
Past Use that Caused Contam: FUEL HYDRANT PUMPING STATIONS, OFFICE BUILDING, RESIDENTIAL AREA
Potential Media Affected: NO MEDIA AFFECTED
Potential Contamin of Concern:
Acres: 2.03 ACRES
Supervisor: JAVIER HINOJOSA
County: LOS ANGELES
Latitude: 33.9313826331863
Longitude: -118.332113777

NO CONTAMINANTS FOUND

SITE HISTORY:

A six story office building is located on a 2.03 acre Site. Based on the Phase I ESA Report, the site was undeveloped land in the early 1900s. After 1919, the site conditions changed from to vacant/residential. The site was vacant/residential from 1940 to 1960. City permits for current on-site buildings were issued in to 1965. A gas station was located off-site from 1947-2002. Beginning in the 1980s the residential buildings were removed and converted to a parking lot. Based on the ESA Report, the groundwater flow direction is likely upgradient, though it can only be determined by installing groundwater monitoring wells.

On 6/11/2007, a PEA Scoping meeting was held between the school administrator and their environmental consultant met w/the DTSC to discuss the areas of potential concern identified in the Phase I. Based on the information contained in the Phase I ESA report, the primary on-site concerns appear to be lead and organochlorine pesticides associated with historical buildings that existed on site and have now been demolished.

On July 2, 2007, the environmental cosultant for the charter school submitted a proposed sampling strategy for the DTSC's review. On 7/12/07, DTSC issued concurrence to the proposed sampling plan and 7/16/2007, the sampling plan was implemented at the site. On 8/8/07, the project proponent provided DTSC w/preliminary soil gas data results and indicated they would likely be conducting additional soil gas sampling on the eastern portion of the property. On 8/22/07 they provided DTSC with a revised figure and indicated additional sampling would be conducted in early September. The additional soil gas sampling was conducted on Sept. 7th. and DTSC is currently awaiting the results. The draft PEA Report was due at the end of September, however to date the project proponent has not submitted the draft Report. An inquiry to the project proponent has been submitted requesting a status.

On November 19, 2007, DTSC received a draft PEA Report for this project. Based on the review of the draft PEA Report, low levels of VOCs were detected in one sampling location. The metals data organochlorine pesticideis results did not reveal any significant impacts to the site. DTSC issued comments to the draft PEA Report and issued comments on December 21, 2007.

On January 15, 2008, the Consultant for the District submitted an electronic response to comments along with a revised PEA Report, revised tables, and revised Data Validation Memo. DTSC was prepared to approve the PEA Report that same week. However, in reviewing their response it was determined the Project Proponent never made available for public comment the draft PEA Report. This information was immediately conveyed to the Project Proponent through their Consultant (TetraTech). The consultant confirmed the Draft Report was not made available for public comment.

On January 17, 2008, DTSC sent electronic comments to the Consultant and Project proponent and recommended minor changes to Section 9.0 of the draft PEA Report regarding public and changes to the Data Validation Memo. DTSC also sent via electronic mail a sample of a "Public Notice" for their use. DTSC opted to issue an adequacy letter on the draft PEA Report (pending their publication of the public comment).

On January 24, 2008, the Consultant requested information on the need for a Public Hearing. DTSC immediately responded and indicated that CDE guidelines did not specify a Public Hearing was required, but the Public Notice had to list the repositories where the public could review the draft PEA Report. On January 25, 2008, the consultant re-submitted a revised Data Validation memo and a revised Section 9 of the PEA Report.

The PEA Report was revised and made available to the public between February 15th and March 17th. The request for PEA approval in late May 2008, and DTSC approved on June 12, 2008.

Status: NO FURTHER ACTION
Program Type: SCHOOL EVALUATION
CalEnviroScreen Score: 90-95%
Summary Link: https://www.envirostor.dtsc.ca.gov/public/profile_report?global_id=60000556

Completed Activities

Title: EOA
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60000556&enforcement_id=6010525
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Environmental Oversight Agreement
Date Completed: 3/22/2007
Comments: Sent executed agreement to district.

Title: Fieldwork for proposed scope of work
Title Link:
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Fieldwork
Date Completed: 7/16/2007
Comments: Fieldwork was completed 7/16/2007. On August 8, 2007, the school administrator submitted electronic data for metals, VOCs, lead, OCPs and soil gas for our review. DTSC recommended they incorporate the information into a

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

PEA report and submit for our review. The project consultant then called and indicated they had detected PCE in one location and were seeking our assistance if we would require stepouts. Therefore they requested a meeting in person to discuss the results. On August 15, 2007, DTSC contacted the project proponent and provided them w/a recommendation to conduct step-out-samples at location SG-2 (where PCE was found) and gave them the option to submit PEA report w/a further action recommendation or to conduct the step-out samples now. The choice was theirs to make and requested a notification of their decision.

Title: PEA Report
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60000556&doc_id=6016313
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Preliminary Endangerment Assessment Report
Date Completed: 6/12/2008
Comments: Final approval letter issued.

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49 | ***2 of2*** | ***E*** | ***0.84 / 4,418.43*** | ***70.46 / -1*** | ***TODAY'S FRESH START CHARTER SCHOOL***
3405 W. IMPERIAL HIGHWAY
INGLEWOOD CA 90303 | ***ENVIROSTOR***

Estor/EPA ID:	60000556	***Assembly District:***	61
Site Code:	304558	***Senate District:***	35
Nat Priority List:	NO	***Permit Renewal Lead:***	
APN:	4031026024	***Public Partici Spclst:***	
Census Tract:	6037602004	***Project Manager:***	
Site Type:	SCHOOL	***County:***	LOS ANGELES
Address Description:	3405 W. IMPERIAL HIGHWAY	***Latitude:***	33.9313826331863
Office:	SOUTHERN CALIFORNIA SCHOOLS & BROWNFIELDS OUTREACH	***Longitude:***	-118.332113777
Special Program:		***Acres:***	2.03 ACRES
Funding:	SCHOOL DISTRICT	***Supervisor:***	JAVIER HINOJOSA

Cleanup Status: NO FURTHER ACTION AS OF 6/12/2008
Cleanup Oversight Agencies: DTSC - SITE CLEANUP PROGRAM - LEAD AGENCY
School District: CHARTER SCHOOL DISTRICT
Past Use that Caused Contam: FUEL HYDRANT PUMPING STATIONS, OFFICE BUILDING, RESIDENTIAL AREA
Potential Media Affected: NO MEDIA AFFECTED
Potential Contamin of Concern:

NO CONTAMINANTS FOUND

Site History:

A six story office building is located on a 2.03 acre Site. Based on the Phase I ESA Report, the site was undeveloped land in the early 1900s. After 1919, the site conditions changed from to vacant/residential. The site was vacant/residential from 1940 to 1960. City permits for current on-site buildings were issued in to 1965. A gas station was located off-site from 1947-2002. Beginning in the 1980s the residential buildings were removed and converted to a parking lot. Based on the ESA Report, the groundwater flow direction is likely upgradient, though it can only be determined by installing groundwater monitoring wells.

On 6/11/2007, a PEA Scoping meeting was held between the school administrator and their environmental consultant met w/the DTSC to discuss the areas of potential concern identified in the Phase I. Based on the information contained in the Phase I ESA report, the primary on-site concerns appear to be lead and organochlorine pesticides associated with historical buildings that existed on site and have now been demolished.

On July 2, 2007, the environmental cosultant for the charter school submitted a proposed sampling strategy for the DTSC's review. On 7/12/07, DTSC issued concurrence to the proposed sampling plan and 7/16/2007, the sampling plan was implemented at the site. On 8/8/07, the project proponent provided DTSC w/preliminary soil gas data results and indicated they would likely be conducting additional soil gas sampling on the eastern portion of the property. On 8/22/07 they provided DTSC with a revised figure and indicated additional sampling would be conducted in early September. The additional soil gas sampling was conducted on Sept. 7th. and DTSC is currently awaiting the results. The draft PEA Report was due at the end of September, however to date the project proponent has not submitted the draft Report. An inquiry to the project proponent has been submitted requesting a status.

On November 19, 2007, DTSC received a draft PEA Report for this project. Based on the review of the draft PEA Report, low levels of VOCs were detected in one sampling location. The metals data organochlorine pesticideis results did not reveal any significant impacts to the site. DTSC issued comments to the draft PEA Report and issued comments on December 21, 2007.

On January 15, 2008, the Consultant for the District submitted an electronic response to comments along with a revised PEA Report, revised tables, and revised Data Validation Memo. DTSC was prepared to approve the PEA Report that same week. However, in reviewing their response it was determined the Project Proponent never made available for public comment the draft PEA Report. This information was immediately conveyed to the

Project Proponent through their Consultant (TetraTech). The consultant confirmed the Draft Report was not made available for public comment.

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On January 24, 2008, the Consultant requested information on the need for a Public Hearing. DTSC immediately responded and indicated that CDE guidelines did not specify a Public Hearing was required, but the Public Notice had to list the repositories where the public could review the draft PEA Report. On January 25, 2008, the consultant re-submitted a revised Data Validation memo and a revised Section 9 of the PEA Report.

The PEA Report was revised and made available to the public between February 15th and March 17th. The request for PEA approval in late May 2008, and DTSC approved on June 12, 2008.

Status: NO FURTHER ACTION
Program Type: SCHOOL EVALUATION
CalEnviroScreen Score: 90-95%
Summary Link: https://www.envirostor.dtsc.ca.gov/public/profile_report?global_id=60000556

Completed Activities

Title: PEA Report
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60000556&doc_id=6016313
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Preliminary Endangerment Assessment Report
Date Completed: 6/12/2008
Comments: Final approval letter issued.

Title: EOA
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60000556&enforcement_id=6010525
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Environmental Oversight Agreement
Date Completed: 3/22/2007
Comments: Sent executed agreement to district.

Title: Fieldwork for proposed scope of work
Title Link:
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Fieldwork
Date Completed: 7/16/2007
Comments: Fieldwork was completed 7/16/2007. On August 8, 2007, the school administrator submitted electronic data for metals, VOCs, lead, OCPs and soil gas for our review. DTSC recommended they incorporate the information into a PEA report and submit for our review. The project consultant then called and indicated they had detected PCE in one location and were seeking our assistance if we would require stepouts. Therefore they requested a meeting in person to discuss the results. On August 15, 2007, DTSC contacted the project proponent and provided them w/a recommendation to conduct step-out-samples at location SG-2 (where PCE was found) and gave them the option to submit PEA report w/a further action recommendation or to conduct the step-out samples now. The choice was theirs to make and requested a notification of their decision.

50	1 of1	ESE	0.93 / 4,902.05	61.96 / -9	HAWTHORNE MUNICIPAL AIRPORT HAWTHORNE CA	ENVIROSTOR

Estor/EPA ID: 80000261
Site Code:
Nat Priority List: NO
APN: NONE SPECIFIED
Census Tract: 6037602509
Assembly District: 61
Senate District: 35
Permit Renewal Lead:
Public Partici Spclst:
Project Manager:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Site Type: FUDS
Address Description:
Office: CLEANUP CYPRESS
Special Program:
Funding: DERA
County: LOS ANGELES
Latitude: 33.9223291841656
Longitude: -118.333727327983
Acres: 10 ACRES
Supervisor: PATRICK HSIEH
Cleanup Status: INACTIVE - NEEDS EVALUATION AS OF 8/15/2018
Cleanup Oversight Agencies: DTSC - SITE CLEANUP PROGRAM - LEAD AGENCY
School District:
Past Use that Caused Contam: NONE SPECIFIED
Potential Media Affected: NONE SPECIFIED
Potential Contamin of Concern:

NONE SPECIFIED

Site History:

Status: INACTIVE - NEEDS EVALUATION
Program Type: MILITARY EVALUATION
CalEnviroScreen Score: 90-95%
Summary Link: https://www.envirostor.dtsc.ca.gov/public/profile_report?global_id=80000261

Completed Activities

Title: FUDS Screening Project
Title Link:
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Site Screening
Date Completed: 10/10/2017
Comments: Draft FUDS site visit report on R drive for management review, comment and or concurrence.

51	1 of4	NW	0.99 / 5,248.64	81.38 / 10	JEFFERSON ELEMENTARY SCHOOL EXPANSION 10322 CONDON AVENUE LENNOX CA 90304	SCH

Estor/EPA ID: 60000695
Nat Priority List: NO
Census Tract: 6037601501
Permit Renewl Lead:
Project Manager: RANA GEORGES
Acres: 6.3 ACRES
Supervisor: SHAHIR HADDAD
County: LOS ANGELES
Latitude: 33.942278
Longitude: -118.358111
Site Code: 304570
Cleanup Status: INACTIVE - WITHDRAWN AS OF 11/7/2011
Cleanup Oversight Agencies: DTSC - SITE CLEANUP PROGRAM - LEAD AGENCY
Assembly District: 61
Senate District: 35
School District: LENNOX ELEMENTARY SCHOOL DISTRICT
Office: SOUTHERN CALIFORNIA SCHOOLS & BROWNFIELDS OUTREACH
Public Participatn Spclst:
Special Program:
Funding: SCHOOL DISTRICT
Site Type: SCHOOL
APN: NONE SPECIFIED
Past Use that Caused Contam: RESIDENTIAL AREA, RETAIL
Potential Media Affected: UNDER INVESTIGATION
Potential Contamin of Concern:

CHLORDANE
DDD
DDE
DDT
LEAD

SITE HISTORY:

The Site is an approximately 6.3-acre area for the potential construction of new school facilities to expand the existing Jefferson Elementary School. The project is within the Lennox School District (District). Historic land uses include undeveloped land and a mixture of commercial and residential properties. Currently, residential homes, commercial businesses, and parking lots comprise the area of potential expansion.

In late August 2007, DTSC received a Phase I Environmental Site Assessment (ESA) report, dated May 4, 2007. On September 26, 2007, DTSC determined that the Phase I ESA report is not complete and requested additional information to approve the Phase I. In October 2007, DTSC received additional information. In a letter, dated October 9, 2007, DTSC approved the Phase I ESA report. The Phase I concludes that the only recognized environmental conditions at the Site are asbestos containing material, lead from lead-based paint, and organochlorine pesticides from termiticides. DTSC concurred with the conclusion that further environmental investigation of the Site is required.

On October 11, 2007, DTSC transmitted the signed/completed SFPD 4.14 form to the District. The form documents commitment of the District to complete the required further investigation and related response action with DTSC's oversight.

The consultant informed DTSC that the project is on hold until further notice due to funding limitations. When funding is available, additional cleanup may be required by DTSC for removal of soils with the lead-based paint and organochlorine pesticides.

On September 17, 2009, DTSC issued an inactive letter to the District following a discussion between DTSC and the District informing of lack of funding and unknown timeframe.

Status: INACTIVE - WITHDRAWN
Program Type: SCHOOL EVALUATION
CalEnviroScreen Score: 90-95%
Summary Link: https://www.envirostor.dtsc.ca.gov/public/profile_report?global_id=60000695

Completed Activities

Title: Environmental Phase-1 Report, Jefferson ES Expansion (Geotechnical Solutions, Inc. 8/30/07)
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60000695&doc_id=6016691
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Phase 1
Date Completed: 10/9/2007
Comments: In a letter, dated October 9, 2007, DTSC approved the Phase I Environmental Site Assessment report, dated May 4, 2007, with additional information provided on October 2, 2007. The Phase I concludes that the only recognized environmental conditions at the site are asbestos containing material, lead from lead-based paint, and organochlorine pesticides from termiticides. DTSC concurred with the conclusion that further environmental investigation of the site is required.

Title: SFPD 4.14 Form
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60000695&doc_id=6017229
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: 4.14 Request
Date Completed: 10/11/2007
Comments: On October 11, 2007, DTSC signed the completed SFPD 4.14 form and transmitted the form to Lennox School District via a letter, dated October 11, 2007. The form documents commitment of the District to complete the required further investigation and related response action with DTSC's oversight. Further investigation of lead from lead-based paint and organochlorine pesticides from termiticides, including asbestos containing material, is required per DTSC's letter, dated October 9, 2007.

Title: Inactive Letter
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60000695&enforcement_id=6017220
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Inactive Status Letter
Date Completed: 9/17/2009
Comments: DTSC issued an inactive letter due to the delays of the project and after discussing the issue with the District. The District indicated during a telephone conversation that funding is not available to move the project forward. District will contact DTSC when funding becomes available.

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
51	2 of4	NW	0.99 / 5,248.64	81.38 / 10	JEFFERSON ELEMENTARY SCHOOL CONDON AVENUE/CENTURY BOULEVARD LENNOX CA 90304	SCH

Estor/EPA ID: 60000033
Nat Priority List: NO
Census Tract: 6037601501
Permit Renewl Lead:
Project Manager:
Acres: 6.3 ACRES
Supervisor: JAVIER HINOJOSA
County: LOS ANGELES
Latitude: 33.942278
Longitude: -118.358111
Site Code: 304456
Cleanup Status: INACTIVE - WITHDRAWN AS OF 2/20/2013
Cleanup Oversight Agencies: DTSC - SITE CLEANUP PROGRAM - LEAD AGENCY
Assembly District: 61
Senate District: 35
School District: LENNOX ELEMENTARY SCHOOL DISTRICT
Office: SOUTHERN CALIFORNIA SCHOOLS & BROWNFIELDS OUTREACH
Public Participatn Spclst:
Special Program:
Funding: SCHOOL DISTRICT
Site Type: SCHOOL
APN: NONE SPECIFIED
Past Use that Caused Contam: RESIDENTIAL AREA
Potential Media Affected: NONE SPECIFIED
Potential Contamin of Concern:

NONE SPECIFIED

SITE HISTORY:

The properties are to be acquired for the expansion of the Jefferson Elementary School located at 10322 Condon Avenue, Lennox, California. Land within the Area of potential expansion is a mixture of commercial and residential properties. Lead in soil may be present from lead-based paint.

Status: INACTIVE - WITHDRAWN
Program Type: SCHOOL EVALUATION
CalEnviroScreen Score: 90-95%
Summary Link: https://www.envirostor.dtsc.ca.gov/public/profile_report?global_id=60000033

Completed Activities

Title: Site Visit - Site Inspections/visit
Title Link:
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Site Inspections/Visit (Non LUR)
Date Completed: 7/12/2004
Comments:

Title: Phase 1
Title Link:
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Phase 1
Date Completed: 7/14/2004
Comments:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
51	3 of4	NW	0.99 / 5,248.64	81.38 / 10	JEFFERSON ELEMENTARY SCHOOL CONDON AVENUE/CENTURY BOULEVARD LENNOX CA 90304	ENVIROSTOR

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Estor/EPA ID:	60000033	**Assembly District:**	61
Site Code:	304456	**Senate District:**	35
Nat Priority List:	NO	**Permit Renewal Lead:**	
APN:	NONE SPECIFIED	**Public Partici Spclst:**	
Census Tract:	6037601501	**Project Manager:**	
Site Type:	SCHOOL	**County:**	LOS ANGELES
Address Description:	CONDON AVENUE/CENTURY BOULEVARD	**Latitude:**	33.942278
Office:	SOUTHERN CALIFORNIA SCHOOLS & BROWNFIELDS OUTREACH	**Longitude:**	-118.358111
Special Program:		**Acres:**	6.3 ACRES
Funding:	SCHOOL DISTRICT	**Supervisor:**	JAVIER HINOJOSA

Cleanup Status: INACTIVE - WITHDRAWN AS OF 2/20/2013
Cleanup Oversight Agencies: DTSC - SITE CLEANUP PROGRAM - LEAD AGENCY
School District: LENNOX ELEMENTARY SCHOOL DISTRICT
Past Use that Caused Contam: RESIDENTIAL AREA
Potential Media Affected: NONE SPECIFIED
Potential Contamin of Concern:

NONE SPECIFIED

Site History:

The properties are to be acquired for the expansion of the Jefferson Elementary School located at 10322 Condon Avenue, Lennox, California. Land within the Area of potential expansion is a mixture of commercial and residential properties. Lead in soil may be present from lead-based paint.

Status: INACTIVE - WITHDRAWN
Program Type: SCHOOL EVALUATION
CalEnviroScreen Score: 90-95%
Summary Link: https://www.envirostor.dtsc.ca.gov/public/profile_report?global_id=60000033

Completed Activities

Title: Phase 1
Title Link:
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Phase 1
Date Completed: 7/14/2004
Comments:

Title: Site Visit - Site Inspections/visit
Title Link:
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Site Inspections/Visit (Non LUR)
Date Completed: 7/12/2004
Comments:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
51	4 of4	NW	0.99 / 5,248.64	81.38 / 10	JEFFERSON ELEMENTARY SCHOOL EXPANSION 10322 CONDON AVENUE LENNOX CA 90304	ENVIROSTOR

Estor/EPA ID:	60000695	**Assembly District:**	61
Site Code:	304570	**Senate District:**	35
Nat Priority List:	NO	**Permit Renewal Lead:**	
APN:	NONE SPECIFIED	**Public Partici Spclst:**	
Census Tract:	6037601501	**Project Manager:**	RANA GEORGES
Site Type:	SCHOOL	**County:**	LOS ANGELES
Address Description:	10322 CONDON AVENUE	**Latitude:**	33.942278
Office:	SOUTHERN CALIFORNIA SCHOOLS & BROWNFIELDS OUTREACH	**Longitude:**	-118.358111
Special Program:		**Acres:**	6.3 ACRES

Funding: SCHOOL DISTRICT ***Supervisor:*** SHAHIR HADDAD
Cleanup Status: INACTIVE - WITHDRAWN AS OF 11/7/2011
Cleanup Oversight Agencies: DTSC - SITE CLEANUP PROGRAM - LEAD AGENCY
School District: LENNOX ELEMENTARY SCHOOL DISTRICT
Past Use that Caused Contam: RESIDENTIAL AREA, RETAIL
Potential Media Affected: UNDER INVESTIGATION
Potential Contamin of Concern:

CHLORDANE
DDD
DDE
DDT
LEAD

Site History:

The Site is an approximately 6.3-acre area for the potential construction of new school facilities to expand the existing Jefferson Elementary School. The project is within the Lennox School District (District). Historic land uses include undeveloped land and a mixture of commercial and residential properties. Currently, residential homes, commercial businesses, and parking lots comprise the area of potential expansion.

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The consultant informed DTSC that the project is on hold until further notice due to funding limitations. When funding is available, additional cleanup may be required by DTSC for removal of soils with the lead-based paint and organochlorine pesticides.

On September 17, 2009, DTSC issued an inactive letter to the District following a discussion between DTSC and the District informing of lack of funding and unknown timeframe.

Status: INACTIVE - WITHDRAWN
Program Type: SCHOOL EVALUATION
CalEnviroScreen Score: 90-95%
Summary Link: https://www.envirostor.dtsc.ca.gov/public/profile_report?global_id=60000695

Completed Activities

Title: SFPD 4.14 Form
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60000695&doc_id=6017229
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: 4.14 Request
Date Completed: 10/11/2007
Comments: On October 11, 2007, DTSC signed the completed SFPD 4.14 form and transmitted the form to Lennox School District via a letter, dated October 11, 2007. The form documents commitment of the District to complete the required further investigation and related response action with DTSC's oversight. Further investigation of lead from lead-based paint and organochlorine pesticides from termiticides, including asbestos containing material, is required per DTSC's letter, dated October 9, 2007.

Title: Environmental Phase-1 Report, Jefferson ES Expansion (Geotechnical Solutions, Inc. 8/30/07)
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60000695&doc_id=6016691
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Phase 1
Date Completed: 10/9/2007
Comments: In a letter, dated October 9, 2007, DTSC approved the Phase I Environmental Site Assessment report, dated May 4, 2007, with additional information provided on October 2, 2007. The Phase I concludes that the only recognized environmental conditions at the site are asbestos containing material, lead from lead-based paint, and organochlorine pesticides from termiticides. DTSC concurred with the conclusion that further environmental

investigation of the site is required.

Title: Inactive Letter
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60000695&enforcement_id=6017220
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Inactive Status Letter
Date Completed: 9/17/2009
Comments: DTSC issued an inactive letter due to the delays of the project and after discussing the issue with the District. The District indicated during a telephone conversation that funding is not available to move the project forward. District will contact DTSC when funding becomes available.

Unplottable Summary

Total: 1 Unplottable sites

DB	Company Name/Site Name	Address	City	Zip	ERIS ID
SML LA	LAX FIRE DRILL PIT	0000 IMPERIAL HWY	LOS ANGELES CA	90045	820048516

Unplottable Report

Site: ***LAX FIRE DRILL PIT***
0000 IMPERIAL HWY LOS ANGELES CA 90045

SML LA

Site ID: SD0010177
Case ID: RO0000465
Status:

Appendix: Database Descriptions

Environmental Risk Information Services (ERIS) can search the following databases. The extent of historical information varies with each database and current information is determined by what is publicly available to ERIS at the time of update. ERIS updates databases as set out in ASTM Standard E1527-13 and E1527-21, Section 8.1.8 Sources of Standard Source Information:

"Government information from nongovernmental sources may be considered current if the source updates the information at least every 90 days, or, for information that is updated less frequently than quarterly by the government agency, within 90 days of the date the government agency makes the information available to the public."

Standard Environmental Record Sources

Federal

National Priority List: NPL

The U.S. Environmental Protection Agency (EPA)'s National Priorities List (NPL) includes the most serious uncontrolled or abandoned hazardous waste sites identified for possible long-term remedial action under the Superfund program, based primarily on the score a site receives from EPA's Hazard Ranking System. A site must be on the NPL to receive money from the Superfund Trust Fund for remedial action. This data includes NPL sites represented as polygons, where available, that can be sourced from the EPA NPL Superfund Site Boundaries dataset, refreshed by the Shared Enterprise Geodata and Services (SEGS). These site boundaries represent the footprint of a whole site, the sum of all the Operable Units (OUs) and the current understanding of the full extent of contamination; for Federal Facility sites, the total site polygon may be the Facility boundary. As site investigation and remediation progress, OUs may be added, modified or refined. Data provided by external parties is not independently verified by EPA. This boundary data is made available to the public strictly for informational purposes. Where there is no polygon boundary data available for a given site, the site is represented as a point.

Government Publication Date: Sep 25, 2024

National Priority List - Proposed: PROPOSED NPL

Sites proposed by the U.S. Environmental Protection Agency (EPA), the state agency, or concerned citizens for addition to the National Priorities List (NPL) due to contamination by hazardous waste and identified by the EPA as a candidate for cleanup because it poses a risk to human health and/or the environment. Sites represented as polygons, where available, can be sourced from the EPA NPL Superfund Site Boundaries dataset, refreshed by the Shared Enterprise Geodata and Services (SEGS). These site boundaries represent the footprint of a whole site, the sum of all the Operable Units (OUs) and the current understanding of the full extent of contamination; for Federal Facility sites, the total site polygon may be the Facility boundary. Data provided by external parties is not independently verified by EPA. This boundary data is made available to the public strictly for informational purposes. Where there is no polygon boundary data available for a given site, the site is represented as a point.

Government Publication Date: Sep 25, 2024

Deleted NPL: DELETED NPL

Sites deleted from the U.S. Environmental Protection Agency (EPA)'s National Priorities List (NPL). 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. Sites represented as polygons, where available, can be sourced from the EPA NPL Superfund Site Boundaries dataset, refreshed by the Shared Enterprise Geodata and Services (SEGS). These site boundaries represent the footprint of a whole site, the sum of all the Operable Units (OUs) and the current understanding of the full extent of contamination; for Federal Facility sites, the total site polygon may be the Facility boundary. Data provided by external parties is not independently verified by EPA. This boundary data is made available to the public strictly for informational purposes. Where there is no polygon boundary data available for a given site, the site is represented as a point.

Government Publication Date: Sep 25, 2024

SEMS List 8R Active Site Inventory: SEMS

The U.S. Environmental Protection Agency's (EPA) Superfund Program has deployed the Superfund Enterprise Management System (SEMS), which integrates multiple legacy systems into a comprehensive tracking and reporting tool. This inventory contains active sites evaluated by the Superfund program that are either proposed to be or are on the National Priorities List (NPL) as well as sites that are in the screening and assessment phase for possible inclusion on the NPL. The Active Site Inventory Report displays site and location information at active SEMS sites. An active site is one at which site assessment, removal, remedial, enforcement, cost recovery, or oversight activities are being planned or conducted. This data includes SEMS sites from the List 8R Active file as well as applicable sites from the EPA's Facility Registry Service map tool.

Government Publication Date: Jul 24, 2024

SEMS List 8R Archive Sites: SEMS ARCHIVE

The U.S. Environmental Protection Agency's (EPA) Superfund Enterprise Management System (SEMS) Archived Site Inventory displays site and location information at sites archived from SEMS. An archived site is one at which EPA has determined that assessment has been completed and no further remedial action is planned under the Superfund program at this time. This data includes sites from the List 8R Archived site file.

Government Publication Date: Jul 24, 2024

Inventory of Open Dumps, June 1985: ODI

The Resource Conservation and Recovery Act (RCRA) provides for publication of an inventory of open dumps. The Act defines "open dumps" as facilities which do not comply with EPA's "Criteria for Classification of Solid Waste Disposal Facilities and Practices" (40 CFR 257).

Government Publication Date: Jun 1985

Comprehensive Environmental Response, Compensation and Liability Information System - CERCLIS: CERCLIS

Superfund is a program administered by the United States Environmental Protection Agency (EPA) to locate, investigate, and clean up the worst hazardous waste sites throughout the United States. CERCLIS is a database of potential and confirmed hazardous waste sites at which the EPA Superfund program has some involvement. It contains sites that are either proposed to be or are on the National Priorities List (NPL) as well as sites that are in the screening and assessment phase for possible inclusion on the NPL. The EPA administers the Superfund program in cooperation with individual states and tribal governments; this database is made available by the EPA.

Government Publication Date: Oct 25, 2013

EPA Report on the Status of Open Dumps on Indian Lands: IODI

Public Law 103-399, The Indian Lands Open Dump Cleanup Act of 1994, enacted October 22, 1994, identified congressional concerns that solid waste open dump sites located on American Indian or Alaska Native (AI/AN) lands threaten the health and safety of residents of those lands and contiguous areas. The purpose of the Act is to identify the location of open dumps on Indian lands, assess the relative health and environment hazards posed by those sites, and provide financial and technical assistance to Indian tribal governments to close such dumps in compliance with Federal standards and regulations or standards promulgated by Indian Tribal governments or Alaska Native entities.

Government Publication Date: Dec 31, 1998

CERCLIS - No Further Remedial Action Planned: CERCLIS NFRAP

An archived site is one at which EPA has determined that assessment has been completed and no further remedial action is planned under the Superfund program at this time. The Archive designation means 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). 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.

Government Publication Date: Oct 25, 2013

CERCLIS Liens: CERCLIS LIENS

A Federal Superfund lien exists at any property where EPA has incurred Superfund costs to address contamination ("Superfund site") and has provided notice of liability to the property owner. A Federal CERCLA ("Superfund") lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. This database is made available by the United States Environmental Protection Agency (EPA). This database was provided by the United States Environmental Protection Agency (EPA). Refer to SEMS LIEN as the current data source for Superfund Liens.

Government Publication Date: Jan 30, 2014

RCRA CORRACTS-Corrective Action: RCRA CORRACTS

RCRA Info is the U.S. Environmental Protection Agency's (EPA) 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. At these sites, the Corrective Action Program ensures that cleanups occur. EPA and state regulators work with facilities and communities to design remedies based on the contamination, geology, and anticipated use unique to each site.

Government Publication Date: Apr 8, 2024

RCRA non-CORRACTS TSD Facilities: RCRA TSD

RCRA Info is the U.S. Environmental Protection Agency's (EPA) 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. This database includes Non-Corrective Action sites that have indicated engagement in the treatment, storage, or disposal of hazardous waste which requires a RCRA hazardous waste permit.

Government Publication Date: Apr 8, 2024

RCRA Generator List: RCRA LQG

RCRA Info is the U.S. Environmental Protection Agency's (EPA) 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. RCRA Info replaces the data recording and reporting abilities of the Resource Conservation and Recovery Information System (RCRIS) and the Biennial Reporting System (BRS). A hazardous waste generator is any person or site whose processes and actions create hazardous waste (see 40 CFR 260.10). Large Quantity Generators (LQGs) generate 1,000 kilograms per month or more of hazardous waste or more than one kilogram per month of acutely hazardous waste.

Government Publication Date: Apr 8, 2024

RCRA Small Quantity Generators List: RCRA SQG

RCRA Info is the U.S. Environmental Protection Agency's (EPA) 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. RCRA Info replaces the data recording and reporting abilities of the Resource Conservation and Recovery Information System (RCRIS) and the Biennial Reporting System (BRS). A hazardous waste generator is any person or site whose processes and actions create hazardous waste (see 40 CFR 260.10). Small Quantity Generators (SQGs) generate more than 100 kilograms, but less than 1,000 kilograms, of hazardous waste per month.

Government Publication Date: Apr 8, 2024

RCRA Very Small Quantity Generators List: RCRA VSQG

RCRA Info is the U.S. Environmental Protection Agency's (EPA) 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. A hazardous waste generator is any person or site whose processes and actions create hazardous waste (see 40 CFR 260.10). Very Small Quantity Generators (VSQG) generate 100 kilograms or less per month of hazardous waste, or one kilogram or less per month of acutely hazardous waste. Additionally, VSQG may not accumulate more than 1,000 kilograms of hazardous waste at any time.

Government Publication Date: Apr 8, 2024

RCRA Non-Generators: RCRA NON GEN

RCRA Info is the U.S. Environmental Protection Agency's (EPA) 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. RCRA Info replaces the data recording and reporting abilities of the Resource Conservation and Recovery Information System (RCRIS) and the Biennial Reporting System (BRS). A hazardous waste generator is any person or site whose processes and actions create hazardous waste (see 40 CFR 260.10). Non-Generators do not presently generate hazardous waste.

Government Publication Date: Apr 8, 2024

RCRA Sites with Controls: RCRA CONTROLS

List of Resource Conservation and Recovery Act (RCRA) facilities with institutional controls in place. RCRA gives the U.S. Environmental Protection Agency (EPA) the authority to control hazardous waste from the "cradle-to-grave." This includes the generation, transportation, treatment, storage, and disposal of hazardous waste. RCRA also set forth a framework for the management of non-hazardous solid wastes. The 1986 amendments to RCRA enabled EPA to address environmental problems that could result from underground tanks storing petroleum and other hazardous substances.

Government Publication Date: Apr 8, 2024

Federal Engineering Controls-ECs: FED ENG

List of Engineering controls (ECs) made availabe by the United States Environmental Protection Agency (EPA). ECs encompass a variety of engineered and constructed physical barriers (e.g., soil capping, sub-surface venting systems, mitigation barriers, fences) to contain and/or prevent exposure to contamination on a property. The EC listing includes remedy component data from Superfund decision documents for applicable sites on the final or deleted on the National Priorities List (NPL); and sites with a Superfund Alternative Approach (SAA) Agreement in place. The only sites included that are not on the NPL; proposed for NPL; or removed from proposed NPL, are those with an SAA Agreement in place.

Government Publication Date: Sep 25, 2024

Federal Institutional Controls- ICs: FED INST

List of Institutional controls (ICs) made available by the United States Environmental Protection Agency (EPA). ICs are non-engineered instruments, such as administrative and legal controls, that help minimize the potential for human exposure to contamination and/or protect the integrity of the remedy. Although it is EPA's expectation that treatment or engineering controls will be used to address principal threat wastes and that groundwater will be returned to its beneficial use whenever practicable, ICs play an important role in site remedies because they reduce exposure to contamination by limiting land or resource use and guide human behavior at a site. The IC listing includes remedy component data from Superfund decision documents for applicable sites on the final or deleted on the National Priorities List (NPL); and sites with a Superfund Alternative Approach (SAA) Agreement in place. The only sites included that are not on the NPL; proposed for NPL; or removed from proposed NPL, are those with an SAA Agreement in place.

Government Publication Date: Sep 25, 2024

Land Use Control Information System: LUCIS

The LUCIS database is maintained by the U.S. Department of the Navy and contains information for former Base Realignment and Closure (BRAC) properties across the United States.

Government Publication Date: Sep 1, 2006

Institutional Control Boundaries at NPL sites: NPL IC

These boundaries of Institutional Control areas at sites on the U.S. Environmental Protection Agency's (EPA) National Priorities List (NPL), or as Proposed or Deleted, are sourced from the EPA NPL Superfund Site Boundaries dataset, refreshed by the Shared Enterprise Geodata and Services (SEGS). The EPA's NPL includes the most serious uncontrolled or abandoned hazardous waste sites identified for possible long-term remedial action under the Superfund program. Institutional controls are non-engineered instruments such as administrative and legal controls that help minimize the potential for human exposure to contamination and/or protect the integrity of the remedy. Data provided by external parties is not independently verified by EPA. This boundary data is made available to the public strictly for informational purposes.

Government Publication Date: Sep 25, 2024

Emergency Response Notification System: ERNS 1982 TO 1986

Database of oil and hazardous substances spill reports controlled by the National Response Center. The primary function of the National Response Center is to serve as the sole national point of contact for reporting oil, chemical, radiological, biological, and etiological discharges into the environment anywhere in the United States and its territories.

Government Publication Date: 1982-1986

Emergency Response Notification System: ERNS 1987 TO 1989

Database of oil and hazardous substances spill reports controlled by the National Response Center. The primary function of the National Response Center is to serve as the sole national point of contact for reporting oil, chemical, radiological, biological, and etiological discharges into the environment anywhere in the United States and its territories.

Government Publication Date: 1987-1989

Emergency Response Notification System: ERNS

Database of oil and hazardous substances spill reports made available by the United States Coast Guard National Response Center (NRC). The NRC fields initial reports for pollution and railroad incidents and forwards that information to appropriate federal/state agencies for response. These data contain initial incident data that has not been validated or investigated by a federal/state response agency.

Government Publication Date: Jul 14, 2024

The Assessment, Cleanup and Redevelopment Exchange System (ACRES) Brownfield Database: FED BROWNFIELDS

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 protects the environment, reduces blight, and takes development pressures off greenspaces and working lands. This data is provided by the United States Environmental Protection Agency (EPA) and includes Brownfield sites from the Cleanups in My Community (CIMC) web application.

Government Publication Date: Feb 7, 2024

FEMA Underground Storage Tank Listing: FEMA UST

The Federal Emergency Management Agency (FEMA) of the Department of Homeland Security maintains a list of FEMA owned underground storage tanks.

Government Publication Date: Dec 31, 2017

Facility Response Plan: FRP

This listing contains facilities that have submitted Facility Response Plans (FRPs) to the U.S. Environmental Protection Agency (EPA). Facilities that could reasonably be expected to cause "substantial harm" to the environment by discharging oil into or on navigable waters are required to prepare and submit FRPs. Harm is determined based on total oil storage capacity, secondary containment and age of tanks, oil transfer activities, history of discharges, proximity to a public drinking water intake or sensitive environments. This listing includes FRP facilities from an applicable EPA FOIA file and Homeland Infrastructure Foundation-Level Data (HIFLD) data file.

Government Publication Date: Jan 9, 2024

Delisted Facility Response Plans: DELISTED FRP

Facilities that once appeared in - and have since been removed from - the list of facilities that have submitted Facility Response Plans (FRP) to EPA. Facilities that could reasonably be expected to cause "substantial harm" to the environment by discharging oil into or on navigable waters are required to prepare and submit Facility Response Plans (FRPs). Harm is determined based on total oil storage capacity, secondary containment and age of tanks, oil transfer activities, history of discharges, proximity to a public drinking water intake or sensitive environments.

Government Publication Date: Jan 9, 2024

Historical Gas Stations: HIST GAS STATIONS

This historic directory of service stations is provided by the Cities Service Company. The directory includes Cities Service filling stations that were located throughout the United States in 1930.

Government Publication Date: Jul 1, 1930

Petroleum Refineries: REFN

This list of petroleum refineries is sourced from the U.S. Energy Information Administration (EIA), Refinery Capacity Report. The listing includes operating and idle petroleum refineries (including new refineries under construction) and refineries shut down during the previous year. The geographic area the report covers is the 50 States, the District of Columbia, Puerto Rico, the U.S. Virgin Islands, Guam, and other U.S. possessions. Per the EIA, the facility location data represents the approximate location based on research of publicly available information from sources such as Federal agencies, company websites, and satellite images on public websites.

Government Publication Date: Jun 6, 2024

Petroleum Product and Crude Oil Rail Terminals: BULK TERMINAL

A list of petroleum product and crude oil rail terminals from the U.S. Energy Information Administration (EIA), as well as petroleum terminals sourced from the Federal Communications Commission Data hosted by the Homeland Infrastructure Foundation-Level Database. Data includes operable bulk petroleum product terminals with a total bulk shell storage capacity of 50,000 barrels or more, and/or the ability to receive volumes from tanker, barge, or pipeline; also rail terminals handling the loading and unloading of crude oil with activity between 2017 and 2018. EIA petroleum product terminal data comes from the EIA-815 Bulk Terminal and Blender Report, which includes working, shell in operation, and shell idle for several major product groupings.

Government Publication Date: Jun 6, 2024

LIEN on Property: SEMS LIEN

The U.S. Environmental Protection Agency's (EPA) Superfund Enterprise Management System (SEMS) provides Lien details on applicable properties, such as the Superfund lien on property activity, the lien property information, and the parties associated with the lien.

Government Publication Date: Jul 24, 2024

Superfund Decision Documents: SUPERFUND ROD

This database contains a list of decision documents for Superfund sites. Decision documents serve to provide the reasoning for the choice of (or) changes to a Superfund Site cleanup plan. The decision documents include completed Records of Decision (ROD), ROD Amendments, Explanations of Significant Differences (ESD) for active and archived sites stored in the Superfund Enterprise Management System (SEMS), along with other associated memos and files. This information is maintained and made available by the U.S. Environmental Protection Agency.

Government Publication Date: Jul 24, 2024

Formerly Utilized Sites Remedial Action Program: DOE FUSRAP

The U.S. Department of Energy (DOE) established the Formerly Utilized Sites Remedial Action Program (FUSRAP) in 1974 to remediate sites where radioactive contamination remained from the Manhattan Project and early U.S. Atomic Energy Commission (AEC) operations. The DOE Office of Legacy Management (LM) established long-term surveillance and maintenance (LTS&M) requirements for remediated FUSRAP sites. DOE evaluates the final site conditions of a remediated site on the basis of risk for different future uses. DOE then confirms that LTS&M requirements will maintain protectiveness.

Government Publication Date: Mar 4, 2017

State

State Response Sites: RESPONSE

A list of identified confirmed release sites where the Department of Toxic Substances Control (DTSC) is involved in remediation, either in a lead or oversight capacity. These confirmed release sites are generally high-priority and high potential risk. This database serves a purpose similar to that of the federal NPL, functioning as a state-level counterpart for prioritizing cleanup efforts at hazardous substance release sites.

Government Publication Date: Sep 25, 2024

EnviroStor Database: ENVIROSTOR

The EnviroStor Data Management System is made available by the Department of Toxic Substances Control (DTSC). Includes Corrective Action sites, Tiered Permit sites, Historical Sites and Evaluation/Investigation sites. This database serves a purpose similar to that of the federal Superfund Enterprise Management System (SEMS), functioning as a state-level counterpart for tracking potential hazardous substance release sites.

Government Publication Date: Sep 25, 2024

Delisted State Response Sites: DELISTED ENVS

Sites removed from the list of State Response Sites made available by the EnviroStor Data Management System, Department of Toxic Substances Control (DTSC).

Government Publication Date: Sep 25, 2024

Solid Waste Information System (SWIS): SWF/LF

The Solid Waste Information System (SWIS) database made available by the Department of Resources Recycling and Recovery (CalRecycle) contains information on solid waste facilities, operations, and disposal sites throughout the State of California. The types of facilities found in this database include landfills, transfer stations, material recovery facilities, composting sites, transformation facilities, waste tire sites, and closed disposal sites.

Government Publication Date: Oct 26, 2024

Solid Waste Disposal Sites with Waste Constituents Above Hazardous Waste Levels: SWRCB SWF

This is a list of solid waste disposal sites identified by California State Water Resources Control Board with waste constituents above hazardous waste levels outside the waste management unit.

Government Publication Date: Sep 20, 2006

Waste Management Unit Database: WMUD

The Waste Management Unit Database System tracks and inventories waste management units. CCR Title 27 contains criteria stating that Waste Management Units are classified according to their ability to contain wastes. Containment shall be determined by geology, hydrology, topography, climatology, and other factors relating to the ability of the Unit to protect water quality. Water Code Section 13273.1 requires that operators submit a water quality solid waste assessment test (SWAT) report to address leak status. The WMUDS was last updated by the State Water Resources control board in 2000.

Government Publication Date: Jan 1, 2000

EnviroStor Hazardous Waste Facilities: HWP

A list of hazardous waste facilities including permitted, post-closure and historical facilities found in the Department of Toxic Substances Control (DTSC) EnviroStor database.

Government Publication Date: Sep 25, 2024

Sites Listed in the Solid Waste Assessment Test (SWAT) Program Report: SWAT

In a 1993 Memorandum of Understanding, the State Water Resources Control Board (SWRCB) agreed to submit a comprehensive report on the Solid Waste Assessment Test (SWAT) Program to the California Integrated Waste Management Board (CIWMB). This report summarizes the work completed to date on the SWAT Program, and addresses both the impacts that leakage from solid waste disposal sites (SWDS) may have upon waters of the State and the actions taken to address such leakage.

Government Publication Date: Dec 31, 1995

Construction and Demolition Debris Recyclers: C&D DEBRIS RECY

This listing of Construction and Demolition Debris Recyclers is maintained by the California Intergrated Waste Management Board-common C&D materials include lumber, drywall, metals, masonry (brick, concrete, etc.), carpet, plastic, pipe, rocks, dirt, paper, cardboard, or green waste related to land development.

Government Publication Date: Jun 20, 2018

Recycling Centers: RECYCLING

This list of Certified Recycling Centers that are operating under the state of California's Beverage Container Recycling Program is maintained by the California Department of Resources Recycling and Recovery.
Government Publication Date: Oct 5, 2024

Listing of Certified Processors: PROCESSORS
This list of Certified Processors that are operating under the state of California's Beverage Container Recycling Program is maintained by the California Department of Resources Recycling and Recovery.
Government Publication Date: Oct 4, 2024

Listing of Certified Dropoff, Collection, and Community Service Programs: CONTAINER RECY
This list of Certified Dropoff, Collection, and Community Service Programs (non-buyback) operating under the state of California's Beverage Container Recycling Program is maintained by the California Department of Resources Recycling and Recovery.
Government Publication Date: Oct 5, 2024

Land Disposal Sites: LDS
Land Disposal Sites in GeoTracker, the State Water Resources Control Board (SWRCB)'s data management system. The Land Disposal program regulates of waste discharge to land for treatment, storage and disposal in waste management units. Waste management units include waste piles, surface impoundments, and landfills.
Government Publication Date: Jul 4, 2024

Leaking Underground Fuel Tank Reports: LUST
List of Leaking Underground Storage Tanks within the Cleanup Sites data in GeoTracker database. GeoTracker is the State Water Resources Control Board's (SWRCB) data management system for managing sites that impact groundwater, especially those that require groundwater cleanup (Underground Storage Tanks, Department of Defense and Site Cleanup Program) as well as permitted facilities such as operating Underground Storage Tanks. The Leak Prevention Program that overlooks LUST sites is the SWRCB in California's Environmental Protection Agency.
Government Publication Date: Jul 4, 2024

Delisted Leaking Storage Tanks: DELISTED LST
List of Leaking Underground Storage Tanks (LUST) cleanup sites removed from GeoTracker, the State Water Resources Control Board (SWRCB)'s database system, as well as sites removed from the SWRCB's list of UST Case closures.
Government Publication Date: Oct 26, 2024

Permitted Underground Storage Tank (UST) in GeoTracker: UST
List of Permitted Underground Storage Tank (UST) sites made available by the State Water Resources Control Board (SWRCB) in California's Environmental Protection Agency (EPA).
Government Publication Date: Sep 11, 2024

Proposed Closure of Underground Storage Tank Cases: UST CLOSURE
This listing includes Proposed Closure of Underground Storage Tank (UST) Cases which are being considered for closure by either the State Water Resources Control Board at a Future Board Meeting or the Executive Director that have been posted for a 60-day public comment period, and Closure of UST Cases with Closure Denials and Approved Orders. The lists are provided by the California Water Boards.
Government Publication Date: Oct 26, 2024

Historical Hazardous Substance Storage Information Database: HHSS
The Historical Hazardous Substance Storage database contains information collected in the 1980s from facilities that stored hazardous substances. The information was originally collected on paper forms, was later transferred to microfiche, and recently indexed as a searchable database. When using this database, please be aware that it is based upon self-reported information submitted by facilities which has not been independently verified. It is unlikely that every facility responded to the survey and the database should not be expected to be a complete inventory of all facilities that were operating at that time. This database is maintained by the California State Water Resources Control Board's (SWRCB) Geotracker.
Government Publication Date: Aug 27, 2015

Statewide Environmental Evaluation and Planning System: UST SWEEPS
The Statewide Environmental Evaluation and Planning System (SWEEPS) is a historical listing of active and inactive underground storage tanks made available by the California State Water Resources Control Board (SWRCB).
Government Publication Date: Oct 1, 1994

Aboveground Storage Tanks: AST

A statewide list from 2009 of aboveground storage tanks (ASTs) made available by the Cal FIRE Office of the State Fire Marshal (OSFM). This list is no longer maintained or updated by the Cal FIRE OSFM.

Government Publication Date: Aug 31, 2009

SWRCB Historical Aboveground Storage Tanks: AST SWRCB

A list of aboveground storage tanks made available by the California State Water Resources Control Board (SWRCB). Effective January 1, 2008, the Certified Unified Program Agencies (CUPAs) are vested with the responsibility and authority to implement the Aboveground Petroleum Storage Act (APSA).

Government Publication Date: Dec 1, 2007

Oil and Gas Facility Tanks: TANK OIL GAS

Locations of oil and gas tanks that fall under the jurisdiction of the Geologic Energy Management Division of the California Department of Conservation (CalGEM) (CCR 1760). CalGEM was formerly the Division of Oil, Gas, and Geothermal Resources (DOGGR).

Government Publication Date: Sep 13, 2024

Delisted Storage Tanks: DELISTED TNK

This database contains a list of storage tank sites that were removed by the State Water Resources Control Board (SWRCB) in California's Environmental Protection Agency (EPA) and the Cal FIRE Office of State Fire Marshal (OSFM).

Government Publication Date: Sep 13, 2024

California Environmental Reporting System (CERS) Tanks: CERS TANK

List of sites in the California Environmental Protection Agency (CalEPA) Regulated Site Portal which fall under the Aboveground Petroleum Storage and Underground Storage Tank regulatory programs. The CalEPA oversees the statewide implementation of the Unified Program which applies regulatory standards to protect Californians from hazardous waste and materials.

Government Publication Date: Oct 28, 2024

Delisted California Environmental Reporting System (CERS) Tanks: DELISTED CTNK

This database contains a list of Aboveground Petroleum Storage and Underground Storage Tank sites that were removed from in the California Environmental Protection Agency (CalEPA) Regulated Site Portal.

Government Publication Date: Oct 28, 2024

Historical Hazardous Substance Storage Container Information - Facility Summary: HIST TANK

The State Water Resources Control Board maintained the Hazardous Substance Storage Containers listing and inventory in th 1980s. This facility summary lists historic tank sites where the following container types were present: farm motor vehicle fuel tanks; waste tanks; sumps; pits, ponds, lagoons, and others; and all other product tanks. This set, published in May 1988, lists facility and owner information, as well as the number of containers. This data is historic and will not be updated.

Government Publication Date: May 27, 1988

Site Mitigation and Brownfields Reuse Program Facility Sites with Land Use Restrictions: LUR

The Department of Toxic Substances Control (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 land use restrictions that are active. Some sites have multiple land use restrictions.

Government Publication Date: Sep 25, 2024

CALSITES Database: CALSITES

This historical database was maintained by the Department of Toxic Substance Control (DTSC) for more than a decade. CALSITES contains information on Brownfield properties with confirmed or potential hazardous contamination. In 2006, DTSC introduced EnviroStor as the latest Brownfields site database.

Government Publication Date: May 1, 2004

Hazardous Waste Management Program Facility Sites with Deed / Land Use Restrictions: HLUR

The Department of Toxic Substances Control (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.

Government Publication Date: Feb 18, 2021

Deed Restrictions and Land Use Restrictions: DEED

List of Deed Restrictions, Land Use Restrictions and Covenants in GeoTracker made available by the State Water Resources Control Board (SWRCB) in California's Environmental Protection Agency. A deed restriction (land use covenant) may be required to facilitate the remediation of past environmental contamination and to protect human health and the environment by reducing the risk of exposure to residual hazardous materials.

Government Publication Date: Jul 4, 2024

Voluntary Cleanup Program: VCP

List of sites in the Voluntary Cleanup Program made available by the Department of Toxic Substances and Control (DTSC). The Voluntary Cleanup Program was designed to respond to lower priority sites. Under the Voluntary Cleanup Program, DTSC enters site-specific agreements with project proponents for DTSC oversight of site assessment, investigation, and/or removal or remediation activities, and the project proponents agree to pay DTSC's reasonable costs for those services.

Government Publication Date: Sep 25, 2024

GeoTracker Cleanup Program Sites: CLEANUP SITES

A list of Cleanup Program sites in the state of California made available by The State Water Resources Control Board (SWRCB) of the California Environmental Protection Agency (EPA). SWRCB tracks leaking underground storage tank cleanups as well as other water board cleanups.

Government Publication Date: Jul 4, 2024

Delisted Cleanup Program Sites: DELISTED CLEANUP

A list of Cleanup Program sites which were once included - and have since been removed from - the list of Cleanup Program Sites in GeoTracker. GeoTracker is the State Water Resource Control Boards' data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

Government Publication Date: Jul 4, 2024

Delisted County Records: DELISTED COUNTY

Records removed from county or CUPA databases. Records may be removed from the county lists made available by the respective county departments because they are inactive, or because they have been deemed to be below reportable thresholds.

Government Publication Date: Oct 28, 2024

Tribal

Leaking Underground Storage Tanks on Tribal/Indian Lands: INDIAN LUST

This list of leaking underground storage tanks (LUSTs) on Tribal/Indian Lands in Region 9, which includes California, is made available by the United States Environmental Protection Agency (EPA).

Government Publication Date: May 7, 2024

Underground Storage Tanks on Tribal/Indian Lands: INDIAN UST

This list of underground storage tanks (USTs) on Tribal/Indian Lands in Region 9, which includes California, is made available by the United States Environmental Protection Agency (EPA).

Government Publication Date: May 7, 2024

Delisted Tribal Leaking Storage Tanks: DELISTED INDIAN LST

Leaking Underground Storage Tank (LUST) facilities which once appeared on - and have since been removed from - the Regional Tribal/Indian LUST lists made available by the United States Environmental Protection Agency (EPA).

Government Publication Date: May 7, 2024

Delisted Tribal Underground Storage Tanks: DELISTED INDIAN UST

Underground Storage Tank (UST) facilities which once appeared on - and have since been removed from - the Regional Tribal/Indian UST lists made available by the United States Environmental Protection Agency (EPA).

Government Publication Date: May 7, 2024

County

Los Angeles County - Site Mitigation List: SML LA

A Site Mitigation List in the County of Los Angeles. The list is made available by Los Angeles County Fire Department. Site mitigation is handled by the Site Mitigation Unit (SMU) which facilitates completion of site clean-up projects of contaminated sites in an expeditious manner in all cities of the Los Angeles County except El Segundo, Glendale, Long Beach, Santa Fe Springs, and Vernon.

Government Publication Date: Jul 11, 2023

Los Angeles County - Solid Waste Sites: SWF LA COUNTY

List of permitted solid waste facilities, closed landfills, historical dumpsites and other solid waste sites in Los Angeles County, made available by the Department of Public Works in Los Angeles County.

Government Publication Date: Sep 11, 2024

Los Angeles County - CUPA Program Records: CUPA LA COUNTY

A list of inspection and enforcement records for active and inactive CUPA Program facilities, made available by the Health Hazardous Materials Division (HHMD) of the County of Los Angeles Fire Department. Includes Hazardous Materials Business Plan (HMBP), California Accidental Release Prevention Plan (CalARP), Hazardous Waste Generator (HWG), and the Aboveground Petroleum Storage Act Programs (APSA). Inactive programs include facilities that are out of business or no longer regulated by the HHMD.

Government Publication Date: Mar 25, 2020

Los Angeles County - HMS List: HMS LA

List of sites in the Los Angeles County Department of Public Works Hazardous Materials System (HMS) Database which have or have had permits for Industrial Waste, Underground Storage Tanks, or Stormwater in the county of Los Angeles.

Government Publication Date: Jan 16, 2024

Los Angeles County - San Gabriel Valley Areas of Concern: AOCONCERN

The San Gabriel Valley Superfund sites include multiple areas of contaminated groundwater in the 170-square-mile San Gabriel Valley. The contaminated areas underlie significant portions of the cities of Alhambra, Arcadia, Azusa, Baldwin Park, Industry, Irwindale, El Monte, La Puente, Monrovia, Rosemead, South El Monte, and West Covina. The groundwater contamination was first detected in 1979. Following this discovery, the California Department of Health Services (CDHS) initiated a well sampling program to assess the extent of contamination. By 1984, when EPA added four areas of contamination to the National Priorities List (NPL), 59 wells were known to be contaminated with high levels of volatile organic compounds (VOCs). These data, made available by the Region 9 Environmental Protection Agency (EPA) office, include operable units for the 4 NPL sites, as well as deep and shallow plumes.

Government Publication Date: Aug 26, 2015

Los Angeles County - Santa Fe Springs Underground Storage Tank: UST SANTAFESP

A list of registered active Underground Storage Tanks (USTs) in the City of Santa Fe Springs. This list is made available by Santa Fe Springs Department of Fire-Rescue.

Government Publication Date: Feb 11, 2022

Los Angeles County - Long Beach UST List: UST LONGB

List of registered Underground Storage Tanks (USTs) in the City of Long Beach, Los Angeles County, made available by the Long Beach Certified Unified Program Agency (CUPA). The Long Beach CUPA operates under oversight shared by the Long Beach Fire Department and Health Department.

Government Publication Date: Jul 9, 2018

Los Angeles County - Burbank City CUPA List: CUPA BURBANK

A list of facilities associated with various Certified Unified Program Agency (CUPA) programs in the City of Burbank. This list is made available by the City of Burbank Fire Department.

Government Publication Date: Aug 21, 2019

Los Angeles County - El Segundo City Underground Storage Tanks List: UST ELSEGUNDO

List of registered Underground Storage Tanks (USTs) in the City of El Segundo of Los Angeles County, made available by El Segundo City Fire Department.

Government Publication Date: Jan 17, 2017

Los Angeles County - Santa Monica City Underground Storage Tank List: UST SANTA MONICA

A list of registered active Underground Storage Tanks (USTs) in the City of Santa Monica made available by Santa Monica Fire Prevention Division.

Government Publication Date: Dec 3, 2020

Los Angeles County - Santa Monica City Aboveground Storage Tank List: AST SANTAMON

List of registered Aboveground Storage Tanks (ASTs) made available by the Santa Monica Fire Department in the City of Santa Monica of Los Angeles County, California.
Government Publication Date: Jan 20, 2023

Los Angeles County - Santa Monica City CUPA Facilities List: CUPA SANTAMON
The Santa Monica Fire Department's office maintains a list of CUPA Facilities located in Santa Monica city.
Government Publication Date: Jan 14, 2022

Los Angeles County - Torrance City Underground Storage Tanks: UST TORRANCE
A list of registered Underground Storage Tank (UST) sites in Torrance City of Los Angeles County. This list is made available by Torrance City Office of Clerk.
Government Publication Date: Apr 20, 2022

Los Angeles County - Vernon City UST List: UST VERNON
A list of Underground Storage Tanks (UST) in Vernon City provided by the Vernon City Fire Department.
Government Publication Date: Aug 25, 2022

Los Angeles County - Vernon City CUPA List: CUPA VERNON
The Vernon City Fire Department's office maintains a list of CUPA Facilities located in Vernon city.
Government Publication Date: Aug 25, 2022

Los Angeles County - City of Los Angeles UST List: UST LA CITY
A list of active and inactive underground storage tank facilities made available by the Los Angeles Fire Department CUPA.
Government Publication Date: Apr 1, 2024

Los Angeles County - City of Los Angeles AST List: AST LA CITY
A list of active and inactive above ground petroleum storage tanks made available by the Los Angeles Fire Department CUPA.
Government Publication Date: Jun 1, 2019

Los Angeles County - City of Los Angeles Hazardous Materials Facilities: HAZMAT LA CITY
A list of active and inactive hazardous materials facilities made available by the Los Angeles Fire Department CUPA.
Government Publication Date: Jun 1, 2019

Additional Environmental Record Sources

Federal

PFAS Greenhouse Gas Emissions Data: PFAS GHG
The U.S. Environmental Protection Agency's Greenhouse Gas Reporting Program (GHGRP) collects Greenhouse Gas (GHG) data from large emitting facilities (25,000 metric tons of carbon dioxide equivalent (CO2e) per year), and suppliers of fossil fuels and industrial gases that results in GHG emissions when used. Includes GHG emissions data for facilities that emit or have emitted since 2010 chemicals identified in EPA's CompTox Chemicals Dashboard list of PFAS without explicit structures and list of PFAS structures by DSSTox. PFAS emissions data has been identified for facilities engaged in the following industrial processes: Aluminum Production (GHGRP Subpart F), HCFC-22 Production and HFC-23 Destruction (Subpart O), Electronics Manufacturing (Subpart I), Fluorinated Gas Production (Subpart L), Magnesium Production (Subpart T), Electrical Transmission and Distribution Equipment Use (Subpart DD), and Manufacture of Electric Transmission and Distribution Equipment (Subpart SS). Over time, other industrial processes with required GHGRP reporting may include PFAS emissions data and the list of reportable gases may change over time.
Government Publication Date: Aug 5, 2024

On-Scene Coordinator Response Sites: OSC RESPONSE
This list of On-Scene Coordinator (OSC) Response Sites is provided by the U.S. Environmental Protection Agency (EPA). OSCs are the federal officials responsible for monitoring or directing responses to all oil spills and hazardous substance releases reported to the federal government. OSCs coordinate all federal efforts with, and provide support and information to local, state, and regional response communities. An OSC is an agent of either EPA or the U.S. Coast Guard (USCG), depending on where the incident occurs. EPA's OSCs have primary responsibility for spills and releases to inland areas and waters. USCG OSCs have responsibility for coastal waters and the Great Lakes. In general, an OSC has the following key responsibilities during and after a response: Assessment, Monitoring, Response Assistance, and Evaluation.

Government Publication Date: Apr 4, 2024

Facility Registry Service/Facility Index: FINDS/FRS

The Facility Registry Service (FRS) is a centrally managed database that identifies facilities, sites, or places subject to environmental regulations or of environmental interest. FRS creates high-quality, accurate, and authoritative facility identification records through rigorous verification and management procedures that incorporate information from program national systems, state master facility records, and data collected from EPA's Central Data Exchange registrations and data management personnel. This list is made available by the U.S. Environmental Protection Agency (EPA).

Government Publication Date: Aug 1, 2024

Toxics Release Inventory (TRI) Program: TRIS

The U.S. Environmental Protection Agency's Toxics Release Inventory (TRI) is a database containing data on disposal or other releases of toxic chemicals from U.S. facilities and information about how facilities manage those chemicals through recycling, energy recovery, and treatment. There are currently 770 individually listed chemicals and 33 chemical categories covered by the TRI Program. Facilities that manufacture, process or otherwise use these chemicals in amounts above established levels must submit annual reporting forms for each chemical. Note that the TRI chemical list does not include all toxic chemicals used in the U.S. One of TRI's primary purposes is to inform communities about toxic chemical releases to the environment. This database includes TRI Reporting Data for calendar years 1987 through 2021 and Preliminary Data for 2022.

Government Publication Date: Sep 20, 2023

PFOA/PFOS Contaminated Sites: PFAS NPL

This list of Superfund Sites with Per- and Polyfluoroalkyl Substances (PFAS) detections is made available by the U.S. Environmental Protection Agency (EPA) in their PFAS Analytic Tools data, previously the list was obtained by EPA FOIA requests. EPA's Office of Land and Emergency Management and EPA Regional Offices maintain what is known about site investigations, contamination, and remedial actions under the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) where PFAS is present in the environment. Limitations: Detections of PFAS at National Priorities List (NPL) sites do not mean that people are at risk from PFAS, are exposed to PFAS, or that the site is the source of the PFAS. The information in the Superfund NPL and Superfund Alternative Agreement (SAA) PFAS detection site list is years old and may not be accurate today. Site information such as site name, site ID, and location has been confirmed for accuracy; however, PFAS-related information such as media sampled, drinking water being above the health advisory, or mitigation efforts has not been verified. For Federal Facilities data, the other Federal agencies (OFA) are the lead agency for their data and provided them to EPA.

Government Publication Date: Sep 18, 2024

Federal Agency Locations with Known or Suspected PFAS Detections: PFAS FED SITES

List of Federal agency locations with known or suspected detections of Per- and Polyfluoroalkyl Substances (PFAS), made available by the U.S. Environmental Protection Agency (EPA) in their PFAS Analytic Tools data. EPA outlines that these data are gathered from several federal entities, such as the Federal Superfund program, Department of Defense (DOD), National Aeronautics and Space Administration, Department of Transportation, and Department of Energy. The dates this data was extracted for the PFAS Analytic Tools range from 2022 to 2024. Sites on this list do not necessarily reflect the source/s of PFAS contamination and detections do not indicate level of risk or human exposure at the site. Agricultural notifications in this data are limited to DOD sites only. At this time, the EPA is aware that this list is not comprehensive of all Federal agencies.

Government Publication Date: Jul 22, 2024

SSEHRI PFAS Contamination Sites: PFAS SSEHRI

This PFAS Contamination Site Tracker database is compiled by the PFAS Project Lab, part of the Social Science Environmental Health Research Institute (SSEHRI) at Northeastern University. According to the SSEHRI, the database records qualitative and quantitative data from each known site of PFAS contamination, including timeline of discovery, sources, levels, health impacts, community response, and government response. The goal of this database is to compile information and support public understanding of the rapidly unfolding issue of PFAS contamination. All data presented was extracted from government websites, news articles, or publicly available documents. Locations for the Known PFAS Contamination Sites are sourced from the PFAS Sites and Community Resources Map by the PFAS-REACH team, credited to PFAS Project Lab, Silent Spring Institute, and PFAS Exchange. Disclaimer: The source conveys the data undergoes regular updates as new information becomes available, some sites may be missing and/or contain information that is incorrect or outdated, as well as their information represents all contamination sites SSEHRI is aware of, not all possible contamination sites. This data is not intended to be used for legal purposes. Access the following source link for the most current information: https://pfasproject.com/pfas-sites-and-community-resources/

Government Publication Date: Jun 27, 2024

National Response Center PFAS Spills: PFAS ERNS

This Per- and Poly-Fluoroalkyl Substances (PFAS) Spills dataset is made available via the U.S. Environmental Protection Agency's (EPA) PFAS Analytic Tools. The National Response Center (NRC), operated by the U.S. Coast Guard, is the designated federal point of contact for reporting all oil, chemical, and other discharges into the environment, for the United States and its territories. This dataset contains NRC spill information from 1990 to the present that is restricted to records associated with PFAS and PFAS-containing materials. Incidents are filtered to include only records with a "Material Involved" or "Incident Description" related to Aqueous Film Forming Foam (AFFF). The keywords used to filter the data included "AFFF," "Fire Fighting Foam," "Aqueous Film Forming Foam," "Fire Suppressant Foam, "PFAS," "PERFL," "PFOA," "PFOS," and "Genx." Limitations: The data from the NRC website contains initial incident data that has not been validated or investigated by a federal/state response agency. Keyword searches may misidentify some incident reports that do not contain PFAS. This dataset should also not be considered to be exhaustive of all PFAS spills/release incidents.

Government Publication Date: Aug 5, 2024

PFAS NPDES Discharge Monitoring: PFAS NPDES

This list of National Pollutant Discharge Elimination System (NPDES) permitted facilities with required monitoring for Per- and Polyfluoroalkyl (PFAS) Substances is made available via the U.S. Environmental Protection Agency (EPA)'s PFAS Analytic Tools. Any point-source wastewater discharger to waters of the United States must have a NPDES permit, which defines a set of parameters for pollutants and monitoring to ensure that the discharge does not degrade water quality or impair human health. This list includes NPDES permitted facilities associated with permits that monitor for Per- and Polyfluoroalkyl Substances (PFAS), limited to the years 2007 - present. EPA further advises the following regarding these data: currently, fewer than half of states have required PFAS monitoring for at least one of their permittees, and fewer states have established PFAS effluent limits for permittees. For states that may have required monitoring, some reporting and data transfer issues may exist on a state-by-state basis.

Government Publication Date: Sep 30, 2024

Perfluorinated Alkyl Substances (PFAS) from Toxic Release Inventory: PFAS TRI

List of Toxics Release Inventory (TRI) facilities at which the reported chemical is a per- or polyfluoroalkyl (PFAS) substance included in the U.S. Environmental Protection Agency's (EPA) consolidated PFAS Master List of PFAS Substances. Encompasses Toxics Release Inventory records included in the EPA PFAS Analytic Tools. The EPA's TRI database currently tracks information on disposal or releases of 770 individually listed toxic chemicals and 33 chemical categories from thousands of U.S. facilities and details about how facilities manage those chemicals through recycling, energy recovery, and treatment. This listing includes TRI Reporting Data for calendar years 1987 through 2021 and Preliminary Data for 2022.

Government Publication Date: Sep 20, 2023

PFAS Water Quality Portal Sampling Data: PFAS WATER

This Per- and Poly-Fluoroalkyl Substances (PFAS) Environmental Media Sampling Data is made available via the U.S. Environmental Protection Agency's (EPA) PFAS Analytic Tools. The Water Quality Portal (WQP), as a cooperative service sponsored by the United States Geological Survey, the EPA, and the National Water Quality Monitoring Council, is part of a modernized repository storing ambient sampling data for all environmental media and tissue samples. A wide range of federal, state, tribal and local governments, academic and non-governmental organizations, and individuals submit project details and sampling results to this public repository. Limitations: EPA did not carry out the sampling or testing of a majority of the data in the WQP PFAS dataset. EPA can only speak to the accuracy and completeness of the data from projects like the National Aquatic Resource Surveys for which EPA is the data owner/organization. Data may exist within the file on Quality Assurance Project Plans (QAPPs) and the approving agency of the QAPP, if a QAPP is entered.

Government Publication Date: Jul 22, 2024

PFAS TSCA Manufacture and Import Facilities: PFAS TSCA

The U.S. Environmental Protection Agency (EPA) issued the Chemical Data Reporting (CDR) Rule under the Toxic Substances Control Act (TSCA) and requires chemical manufacturers and facilities that manufacture or import chemical substances to report data to EPA. This list is specific only to TSCA Manufacture and Import Facilities with reported per- and poly-fluoroalkyl (PFAS) substances. Data file is sourced from EPA's PFAS Analytic Tools TSCA dataset which includes CDR/Inventory Update Reporting data from 1998 up to 2020. Disclaimer: This data file includes production and importation data for chemicals identified in EPA's CompTox Chemicals Dashboard list of PFAS without explicit structures and list of PFAS structures in DSSTox. Note that some regulations have specific chemical structure requirements that define PFAS differently than the lists in EPA's CompTox Chemicals Dashboard. Reporting information on manufactured or imported chemical substance amounts should not be compared between facilities, as some companies claim Chemical Data Reporting Rule data fields for PFAS information as Confidential Business Information.

Government Publication Date: Jan 5, 2023

PFAS Waste Transfers from RCRA e-Manifest : PFAS E-MANIFEST

This Per- and Poly-Fluoroalkyl Substances (PFAS) Waste Transfers dataset is made available via the U.S. Environmental Protection Agency's (EPA) PFAS Analytic Tools. Every shipment of hazardous waste in the U.S. must be accompanied by a shipment manifest, which is a critical component of the cradle-to-grave tracking of wastes mandated by the Resource Conservation and Recovery Act (RCRA). According to the EPA, currently no Federal Waste Code exists for any PFAS compounds. To work around the lack of PFAS waste codes in the RCRA database, EPA developed the PFAS Transfers dataset by mining e-Manifest records containing at least one of these common PFAS keywords: • PFAS • PFOA • PFOS • PERFL • AFFF • GENX • GEN-X (plus the Vermont state-specific waste codes). Limitations: Amount or concentration of PFAS being transferred cannot be determined from the manifest information. Keyword searches may misidentify some manifest records that do not contain PFAS. This dataset should also not be considered to be exhaustive of all PFAS waste transfers.

Government Publication Date: Jul 23, 2024

PFAS Industry Sectors: PFAS IND

This Per- and Poly-Fluoroalkyl Substances (PFAS) Industry Sectors dataset is made available via the U.S. Environmental Protection Agency's (EPA) PFAS Analytic Tools. The EPA developed the dataset from various sources that show which industries may be handling PFAS including: EPA's Enforcement and Compliance History Online (ECHO) records restricted to potential PFAS-handling industry sectors; ECHO records for Fire Training Sites identified where fire-fighting foam may have been used in training exercises; and 14 CFR Part 139 Airports compiled from historic and current records from the FAA Airport Data and Information Portal. Since July 2006, all certificated Part 139 Airports are required to have fire-fighting foam onsite that meet certain military specifications, which to date have been fluorinated (Aqueous Film Forming Foam). Limitations: Inclusion in this dataset does not indicate that PFAS are being manufactured, processed, used, or released by the facility. Listed facilities potentially handle PFAS based on their industrial profile, but are unconfirmed by the EPA. Keyword searches in ECHO for Fire Training sites may misidentify some facilities and should not be considered to be an exhaustive list of fire training facilities in the U.S.

Government Publication Date: Sep 23, 2024

Hazardous Materials Information Reporting System: HMIRS

The Hazardous Materials Incident Reporting System (HMIRS) database contains unintentional hazardous materials release information reported to the U.S. Department of Transportation, Pipeline and Hazardous Materials Safety Administration.

Government Publication Date: May 29, 2024

National Clandestine Drug Labs: NCDL

The U.S. Department of Justice ("the Department"), Drug Enforcement Administration (DEA), provides this data 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.

Government Publication Date: Nov 30, 2023

Toxic Substances Control Act: TSCA

The U.S. Environmental Protection Agency (EPA) is amending the Toxic Substances Control Act (TSCA) section 8(a) Inventory Update Reporting (IUR) rule and changing its name to the Chemical Data Reporting (CDR) rule. The CDR enables EPA to collect and publish information on the manufacturing, processing, and use of commercial chemical substances and mixtures (referred to hereafter as chemical substances) on the TSCA Chemical Substance Inventory (TSCA Inventory). This includes current information on chemical substance production volumes, manufacturing sites, and how the chemical substances are used. This information helps the Agency determine whether people or the environment are potentially exposed to reported chemical substances. EPA publishes submitted CDR data that is not Confidential Business Information (CBI). EPA CDR collections occur approximately every four years and reporting requirements change per collection.

Government Publication Date: May 12, 2022

Hist TSCA: HIST TSCA

The Environmental Protection Agency (EPA) is amending the Toxic Substances Control Act (TSCA) section 8(a) Inventory Update Reporting (IUR) rule and changing its name to the Chemical Data Reporting (CDR) rule.
The 2006 IUR data summary report includes information about chemicals manufactured or imported in quantities of 25,000 pounds or more at a single site during calendar year 2005. In addition to the basic manufacturing information collected in previous reporting cycles, the 2006 cycle is the first time EPA collected information to characterize exposure during manufacturing, processing and use of organic chemicals. The 2006 cycle also is the first time manufacturers of inorganic chemicals were required to report basic manufacturing information.

Government Publication Date: Dec 31, 2006

FTTS Administrative Case Listing: FTTS ADMIN

An administrative case listing from the Federal Insecticide, Fungicide, & Rodenticide Act (FIFRA) and Toxic Substances Control Act (TSCA), together known as FTTS. This database was obtained from the Environmental Protection Agency's (EPA) National Compliance Database (NCDB). The FTTS and NCDB was shut down in 2006.

Government Publication Date: Jan 19, 2007

FTTS Inspection Case Listing: FTTS INSP

An inspection case listing from the Federal Insecticide, Fungicide, & Rodenticide Act (FIFRA) and Toxic Substances Control Act (TSCA), together known as FTTS. This database was obtained from the Environmental Protection Agency's (EPA) National Compliance Database (NCDB). The FTTS and NCDB was shut down in 2006.

Government Publication Date: Jan 19, 2007

Potentially Responsible Parties List: PRP

Early in the site cleanup process, the U.S. Environmental Protection Agency (EPA) conducts a search to find the Potentially Responsible Parties (PRPs). The EPA looks for evidence to determine liability by matching wastes found at the site with parties that may have contributed wastes to the site. This listing contains PRPs, Noticed Parties, at sites in the EPA's Superfund Enterprise Management System (SEMS).

Government Publication Date: Jul 24, 2024

State Coalition for Remediation of Drycleaners Listing: SCRD DRYCLEANER

The State Coalition for Remediation of Drycleaners (SCRD) was established in 1998, with support from the U.S. Environmental Protection Agency (EPA) Office of Superfund Remediation and Technology Innovation. Coalition members are states with mandated programs and funding for drycleaner site remediation. Current members are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin. Since 2017, the SCRD no longer maintains this data, refer to applicable state source data where available.

Government Publication Date: Nov 08, 2017

Integrated Compliance Information System (ICIS): ICIS

The Integrated Compliance Information System (ICIS) database contains integrated enforcement and compliance information across most of U.S. Environmental Protection Agency's (EPA) programs. The vision for ICIS is to replace EPA's independent databases that contain enforcement data with a single repository for that information. Currently, ICIS contains all Federal Administrative and Judicial enforcement actions and a subset of the Permit Compliance System (PCS), which supports the National Pollutant Discharge Elimination System (NPDES). This information is maintained by the EPA Headquarters and at the Regional offices. A future release of ICIS will completely replace PCS and will integrate that information with Federal actions already in the system. ICIS also has the capability to track other activities that support compliance and enforcement programs, including incident tracking, compliance assistance, and compliance monitoring.

Government Publication Date: Apr 13, 2024

Drycleaner Facilities: FED DRYCLEANERS

A list of drycleaner facilities from Enforcement and Compliance History Online (ECHO) data as made available by the U.S. Environmental Protection Agency (EPA), sourced from the ECHO Exporter file. The EPA tracks facilities that possess NAIC and SIC codes that classify businesses as drycleaner establishments.

Government Publication Date: May 5, 2024

Delisted Drycleaner Facilities: DELISTED FED DRY

List of sites removed from the list of Drycleaner Facilities (sites in the EPA's Integrated Compliance Information System (ICIS) with NAIC or SIC codes identifying the business as a drycleaner establishment).

Government Publication Date: May 5, 2024

Formerly Used Defense Sites: FUDS

Formerly Used Defense Sites (FUDS) are properties that were formerly owned by, leased to, or otherwise possessed by and under the jurisdiction of the Secretary of Defense prior to October 1986, where the Department of Defense (DOD) is responsible for an environmental restoration. The FUDS Annual Report to Congress (ARC) is published by the U.S. Army Corps of Engineers (USACE). This data is compiled from the USACE's Geospatial FUDS data layers and Homeland Infrastructure Foundation-Level Data (HIFLD) FUDS dataset which applies to the Fiscal Year 2021 FUDS Inventory.

Government Publication Date: May 15, 2023

FUDS Munitions Response Sites: FUDS MRS

Boundaries of Munitions Response Sites (MRS), published with the Formerly Used Defense Sites (FUDS) Annual Report to Congress (ARC) by the U.S. Army Corps of Engineers (USACE). An MRS is a discrete location within a Munitions response area (MRA) that is known to require a munitions response. An MRA means any area on a defense site that is known or suspected to contain unexploded ordnance (UXO), discarded military munitions (DMM), or munitions constituents (MC). This data is compiled from the USACE's Geospatial MRS data layers and Homeland Infrastructure Foundation-Level Data (HIFLD) MRS dataset.

Government Publication Date: May 15, 2023

Former Military Nike Missile Sites: FORMER NIKE

This information was taken from report DRXTH-AS-IA-83A016 (Historical Overview of the Nike Missile System, 12/1984) which was performed by Environmental Science and Engineering, Inc. for the U.S. Army Toxic and Hazardous Materials Agency Assessment Division. The Nike system was deployed between 1954 and the mid-1970's. Among the substances used or stored on Nike sites were liquid missile fuel (JP-4); starter fluids (UDKH, aniline, and furfuryl alcohol); oxidizer (IRFNA); hydrocarbons (motor oil, hydraulic fluid, diesel fuel, gasoline, heating oil); solvents (carbon tetrachloride, trichloroethylene, trichloroethane, stoddard solvent); and battery electrolyte. The quantities of material a disposed of and procedures for disposal are not documented in published reports. Virtually all information concerning the potential for contamination at Nike sites is confined to personnel who were assigned to Nike sites. During deactivation most hardware was shipped to depot-level supply points. There were reportedly instances where excess materials were disposed of on or near the site itself at closure. There was reportedly no routine site decontamination.

Government Publication Date: Dec 2, 1984

PHMSA Pipeline Safety Flagged Incidents: PIPELINE INCIDENT

This list of flagged pipeline incidents is made available by the U.S. Department of Transportation (US DOT) Pipeline and Hazardous Materials Safety Administration (PHMSA). PHMSA regulations require incident and accident reports for five different pipeline system types. Accidents reported on hazardous liquid gravity lines (§195.13) and reporting-regulated-only hazardous liquid gathering lines (§195.15) and incidents reported on Type R gas gathering (§192.8(c)) are not included in the flagged incident file data.

Government Publication Date: May 6, 2024

Material Licensing Tracking System (MLTS): MLTS

A list of sites that store radioactive material subject to the Nuclear Regulatory Commission (NRC) licensing requirements. This list is maintained by the NRC. As of September 2016, the NRC no longer releases location information for sites. Site locations were last received in July 2016.

Government Publication Date: May 11, 2021

Historic Material Licensing Tracking System (MLTS) sites: HIST MLTS

A historic list of sites that have inactive licenses and/or removed from the Material Licensing Tracking System (MLTS). In some cases, a site is removed from the MLTS when the state becomes an "Agreement State". An Agreement State is a State that has signed an agreement with the Nuclear Regulatory Commission (NRC) authorizing the State to regulate certain uses of radioactive materials within the State.

Government Publication Date: Jan 31, 2010

Mines Master Index File: MINES

The Master Index File (MIF) is provided by the United States Department of Labor, Mine Safety and Health Administration (MSHA). This file, which was originally created in the 1970's, contained many Mine-IDs that were invalid. MSHA removes invalid IDs from the MIF upon discovery. MSHA applicable data includes the following: all Coal and Metal/Non-Metal mines under MSHA's jurisdiction since 1/1/1970; mine addresses for all mines in the database except for Abandoned mines prior to 1998 from MSHA's legacy system (addresses may or may not correspond with the physical location of the mine itself); violations that have been assessed penalties as a result of MSHA inspections beginning on 1/1/2000; and violations issued as a result of MSHA inspections conducted beginning on 1/1/2000.

Government Publication Date: Feb 5, 2024

Surface Mining Control and Reclamation Act Sites: SMCRA

This inventory of land and water impacted by past mining (primarily legacy coal mining operations) is maintained by the U.S. Department of the Interior's Office of Surface Mining Reclamation and Enforcement (OSMRE), as it provides information needed to implement the Surface Mining Control and Reclamation Act of 1977 (SMCRA). This inventory contains information on the type and extent of Abandoned Mine Land (AML) Problems, as well as information on the cost associated with the reclamation of those problems. The data is based upon field surveys by State, Tribal, and OSMRE program officials. It is dynamic to the extent that it is modified as new problems are identified and existing problems are reclaimed. Disclaimer: Per the OSMRE, States and tribes who enter their data into e-AMLIS (AML Inventory System) may truncate their latitude and longitude so the precise location of usually dangerous AMLs is not revealed in an effort to protect the public from searching for these AMLs, most of which are on private property. If more precise location information is needed, please contact the applicable state/tribe of interest.

Government Publication Date: May 20, 2024

Mineral Resource Data System: MRDS

The Mineral Resource Data System (MRDS) is a collection of reports describing metallic and nonmetallic mineral resources throughout the world. Included are deposit name, location, commodity, deposit description, geologic characteristics, production, reserves, resources, and references. This database contains the records previously provided in the Mineral Resource Data System (MRDS) of USGS and the Mineral Availability System/Mineral Industry Locator System (MAS/MILS) originated in the U.S. Bureau of Mines, which is now part of USGS. The USGS has ceased systematic updates of the MRDS database with their focus more recently on deposits of critical minerals while providing a well-documented baseline of historical mine locations from USGS topographic maps.

Government Publication Date: Mar 15, 2016

DOE Legacy Management Sites: LM SITES

The U.S. Department of Energy (DOE) Office of Legacy Management (LM) currently manages radioactive and chemical waste, environmental contamination, and hazardous material at over 100 sites across the U.S. The LM manages sites with diverse regulatory drivers (statutes or programs that direct cleanup and management requirements at DOE sites) or as part of internal DOE or congressionally-recognized programs, such as but not limited to: Formerly Utilized Sites Remedial Action Program (FUSRAP), Uranium Mill Tailings Radiation Control Act (UMTRCA Title I, Tile II), Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA), Resource Conservation and Recovery Act (RCRA), Decontamination and Decommissioning (D&D), Nuclear Waste Policy Act (NWPA). This site listing includes data exported from the DOE Office of LM's Geospatial Environmental Mapping System (GEMS). GEMS Data disclaimer: The DOE Office of LM makes no representation or warranty, expressed or implied, regarding the use, accuracy, availability, or completeness of the data presented herein.

Government Publication Date: Dec 12, 2023

Alternative Fueling Stations: ALT FUELS

This list of alternative fueling stations is sourced from the Alternative Fuels Data Center (AFDC). The U.S. Department of Energy's Office of Energy Efficiency & Renewable Energy launched the AFDC in 1991 as a repository for alternative fuel vehicle performance data, which provides a wealth of information and data on alternative and renewable fuels, advanced vehicles, fuel-saving strategies, and emerging transportation technologies. The data includes Biodiesel (B20 and above), Compressed Natural Gas (CNG), Electric, Ethanol (E85), Hydrogen, Liquefied Natural Gas (LNG), Propane (LPG), and Renewable Diesel (R20 and above) fuel type locations.

Government Publication Date: Aug 29, 2024

Superfunds Consent Decrees: CONSENT DECREES

This list of Superfund consent decrees is provided by the Department of Justice, Environment & Natural Resources Division (ENRD) through a Freedom of Information Act (FOIA) applicable file. This listing includes Cases filed since 2010 limited to the following: Consent Decrees for CERCLA or Superfund Sites filed and/or as proposed within the ENRD's Case Management System (CMS); and applicable ENRD's Environmental Defense Section (EDS) CERCLA Cases with "Consent" in History Note. CMS may not reflect the latest developments in a case, nor can the agency guarantee the accuracy of the data. ENRD Disclaimer: Congress excluded three discrete categories of law enforcement and national security records from the requirements of the FOIA; response is limited to those records that are subject to the requirements of the FOIA; however, this should not be taken as an indication that excluded records do, or do not, exist.

Government Publication Date: Jun 26, 2024

Air Facility System: AFS

This EPA retired Air Facility System (AFS) dataset contains emissions, compliance, and enforcement data on stationary sources of air pollution. Regulated sources cover a wide spectrum; from large industrial facilities to relatively small operations such as dry cleaners. AFS does not contain data on facilities that are solely asbestos demolition and/or renovation contractors, or landfills. ECHO Clean Air Act data from AFS are frozen and reflect data as of October 17, 2014; the EPA retired this system for Clean Air Act stationary sources and transitioned to ICIS-Air.

Government Publication Date: Oct 17, 2014

Registered Pesticide Establishments: SSTS

This national list of active EPA-registered foreign and domestic pesticide and/or device-producing establishments is based on data from the Section Seven Tracking System (SSTS). The Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) Section 7 requires that each producing establishment must place its EPA establishment number on the label or immediate container of each pesticide, active ingredient or device produced. An EPA establishment number on a pesticide product label identifies the EPA registered location where the product was produced. The list of establishments is made available by the U.S. Environmental Protection Agency (EPA).

Government Publication Date: Feb 29, 2024

Polychlorinated Biphenyl (PCB) Transformers: PCBT

Locations of Transformers Containing Polychlorinated Biphenyls (PCBs) registered with the United States Environmental Protection Agency. PCB transformer owners must register their transformer(s) with EPA. Although not required, PCB transformer owners who have removed and properly disposed of a registered PCB transformer may notify EPA to have their PCB transformer de-registered. Data made available by EPA.

Government Publication Date: Oct 15, 2019

Polychlorinated Biphenyl (PCB) Notifiers: PCB

Facilities included in the national list of facilities that have notified the United States Environmental Protection Agency (EPA) of Polychlorinated Biphenyl (PCB) activities. Any company or person storing, transporting or disposing of PCBs or conducting PCB research and development must notify the EPA and receive an identification number.

Government Publication Date: May 23, 2024

Power Plants: POWER PLANTS

This list of power plants is provided by the U.S. Energy Information Administration (EIA). The listing includes operable electric generating plants in the United States by energy source, originating from the EIA-860, Annual Electric Generator Report; EIA-860M, Monthly Update to the Annual Electric Generator Report; and EIA-923, Power Plant Operations Report. It includes all operable plants by energy source with a combined nameplate capacity of 1 megawatt or more that are operating, are on standby, or out of service for short- or long-term.

Government Publication Date: Apr 15, 2024

State

PFAS Sampling Locations: PFAS SAMPLING

This data is sourced from the State Water Board's GeoTracker Per- and Polyfluoroalkyl Substances (PFAS) Map tool which contains individual sampling points (i.e., soil boring, groundwater monitoring well, drinking water well for municipal drinking water systems, etc.) or a site location with PFAS analytical data. Includes analytical results that are finalized and submitted electronically by the Responsible Parties via GeoTracker's Electronic Submittal of Information Portal, and after it's accepted by a Regional Water Quality Control Board.

Government Publication Date: Jul 25, 2024

Dry Cleaning Facilities: DRYCLEANERS

A list of drycleaner related facilities that have EPA ID numbers. These are facilities with certain SIC codes: power laundries, family and commercial, linen supply, commercial laundry, dry cleaning and pressing machines - Coin Operated Laundry and Dry Cleaning. This is provided by the Department of Toxic Substance Control.

Government Publication Date: Dec 20, 2021

Delisted Drycleaners: DELISTED DRYCLEANERS

Sites removed from the list of drycleaner related facilities that have EPA ID numbers, made available by the California Department of Toxic Substance Control.

Government Publication Date: Jan 31, 2022

Non-Toxic Dry Cleaning Incentive Program: DRYC GRANT

A list of grant recipients of the Non-Toxic Dry Cleaning Incentive Program made available by the California Air Resources Board (CARB). The program provides grants to eligible dry cleaning businesses to assist them in transitioning away from PERC machines to alternative non-toxic and non-smog forming technologies.

Government Publication Date: Jan 31, 2022

PFAS GeoTracker Cleanup Sites: PFAS GT CLEANUPS

A list of applicable cleanup sites from the State Water Resources Control Board's (SWRCB) GeoTracker data management system where one or more of the potential contaminants of concern are identified in the PFAS Structure List and/or PFAS Chemicals Without Explicit Structure List made available by the United States Environmental Protection Agency (US EPA).

Government Publication Date: Jul 4, 2024

PFOA/PFOS Groundwater: PFAS GW

A list of water wells from the Groundwater Ambient Monitoring and Assessment Program (GAMA) Groundwater Information System with the groundwater chemical perfluorooctanoic acid (PFOA) (NL = 0.014 UG/L) or perfluorooctanoic sulfonate (PFOS) (NL = 0.013 UG/L). The GAMA Groundwater Information System search is made available by California Water Boards.

Government Publication Date: Jun 23, 2024

PFAS Investigations: PFAS INVEST

This list of potential Per- and Polyfluoroalkyl Substance (PFAS) sites is compiled from the California State Water Resources Control Board's (SWRCB) PFAS Investigations Map tool. The SWRCB issued investigative orders, per California Water Code (CWC) Section 13267 and/or 13383, to these sites. Orders were also issued to the public water systems to sample wells in the vicinity of these locations. Military facilities have been identified by the Department of Defense (DOD) as part of their efforts to investigate PFAS per the Defense Environmental Restoration Program (DERP) under the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). The data includes locations for Airports, Chrome Plating Facilities, Landfills, Publicly Owned Treatment Works, Refineries and Bulk Terminals, DOD Facilities, and Monitored Drinking Water Wells being investigated for potential PFAS.

Government Publication Date: Jan 23, 2024

Hazardous Waste and Substances Site List - Site Cleanup: HWSS CLEANUP

The Hazardous Waste and Substances Sites (Cortese) List is a planning document used by the State, local agencies and developers to comply with the California Environmental Quality Act requirements in providing information about the location of hazardous materials release sites. This list is published by California Department of Toxic Substance Control.

Government Publication Date: Mar 15, 2023

Toxic Pit Cleanup Act Sites: TOXIC PITS

The Toxic Pits Cleanup Act (TPCA) list identifies sites suspected of containing hazardous substances where cleanup has not yet been completed. This list was maintained by the State Water Resources Control Board (SWRCB), is not longer maintained, and updates are not planned.

Government Publication Date: Jul 1, 1995

List of Hazardous Waste Facilities Subject to Corrective Action: DTSC HWF

This is a list of hazardous waste facilities identified in Health and Safety Code (HSC) § 25187.5. These facilities are those where Department of Toxic Substances Control (DTSC) has taken or contracted for corrective action because a facility owner/operator has failed to comply with a date for taking corrective action in an order issued under HSC § 25187, or because DTSC determined that immediate corrective action was necessary to abate an imminent or substantial endangerment.
Government Publication Date: Jul 18, 2016

EnviroStor Inspection, Compliance, and Enforcement: INSP COMP ENF
A list of permitted facilities with inspections and enforcements tracked by the California Department of Toxic Substance Control's (DTSC) EnviroStor data management system.
Government Publication Date: Nov 23, 2023

School Property Evaluation Program Sites: SCH
A list of sites registered with The Department of Toxic Substances Control (DTSC) School Property Evaluation and Cleanup (SPEC) Division. SPEC is responsible for assessing, investigating and cleaning up proposed school sites. The Division ensures that selected properties are free of contamination or, if the properties were previously contaminated, that they have been cleaned up to a level that protects the students and staff who will occupy the new school.
Government Publication Date: Sep 25, 2024

California Hazardous Material Incident Report System (CHMIRS): CHMIRS
A list of reported hazardous material incidents, spills, and releases from the California Hazardous Material Incident Report System (CHMIRS). This listing has been made available by the California Governor's Office of Emergency Services (Cal OES).
Government Publication Date: Aug 1, 2024

Historical California Hazardous Material Incident Report System (CHMIRS): HIST CHMIRS
A list of reported hazardous material incidents, spills, and releases from the California Hazardous Material Incident Report System (CHMIRS) prior to 1993. This list has been made available by the California Office of Emergency Services (OES).
Government Publication Date: Jan 1, 1993

Handlers from Hazardous Waste Manifest Data: HAZNET
A list of handlers not otherwise classified as Treatment, Storage, Disposal facilities (TSDF) or generators from the facilities and manifests data made available by the California Department of Toxic Substances Control (DTSC) in their Hazardous Waste Tracking System (HWTS).
Government Publication Date: Oct 24, 2016

Generators from Hazardous Waste Manifest Data: HAZ GEN
List of handlers listed as having generated waste from the facilities and manifests data made available by the California Department of Toxic Substances Control (DTSC) in their Hazardous Waste Tracking System (HWTS).
Government Publication Date: Dec 31, 2017

TSDF from Hazardous Waste Manifest Data: HAZ TSD
List of Treatment, Storage, and Disposal Facilities (TSDFs) from the facilities and manifests data made available by the California Department of Toxic Substances Control (DTSC) in their Hazardous Waste Tracking System (HWTS).
Government Publication Date: Dec 31, 2017

Historical Hazardous Waste Manifest Data: HIST MANIFEST
A list of historic hazardous waste manifests received by the Department of Toxic Substances Control (DTSC) from year the 1980 to 1992. The volume of manifests is typically 900,000 - 1,000,000 annually, representing approximately 450,000 - 500,000 shipments.
Government Publication Date: Dec 31, 1992

DTSC Registered Hazardous Waste Transporters: HW TRANSPORT
The California Department of Toxic Substances Control (DTSC) maintains this list of Registered Hazardous Waste Transporters.
Government Publication Date: Oct 5, 2024

Registered Waste Tire Haulers: WASTE TIRE
This list of registered waste tire haulers is maintained by the California Department of Resources Recycling and Recovery.
Government Publication Date: Oct 28, 2024

California Medical Waste Management Program Facility List: MEDICAL WASTE

This list of Medical Waste Management Program Facilities is maintained by the California Department of Public Health. The Medical Waste Management Program (MWMP) regulates the generation, handling, storage, treatment, and disposal of medical waste by providing oversight for the implementation of the Medical Waste Management Act (MWMA). The MWMP permits and inspects all medical waste off-site treatment facilities, medical waste transporters, and medical waste transfer stations. This list contains transporters, treatment, and transfer facilities.

Government Publication Date: Sep 5, 2024

Historical Cortese List: HIST CORTESE

List of sites which were once included on the Cortese list. The Hazardous Waste and Substances Sites (Cortese) List is a planning document used by the State, local agencies and developers to comply with the California Environmental Quality Act requirements for providing information about the location of hazardous sites.

Government Publication Date: Nov 13, 2008

Cease and Desist Orders and Cleanup and Abatement Orders: CDO/CAO

The California Environment Protection Agency "Cortese List" of active Cease and Desist Orders (CDO) and Cleanup and Abatement Orders (CAO). This list contains many CDOs and CAOs that do NOT concern the discharge of wastes that are hazardous materials. Many of the listed orders concern, as examples, discharges of domestic sewage, food processing wastes, or sediment that do not contain hazardous materials, but the Water Boards' database does not distinguish between these types of orders.

Government Publication Date: Dec 6, 2021

California Environmental Reporting System (CERS) Hazardous Waste Sites: CERS HAZ

List of sites in the California Environmental Protection Agency (CalEPA) Regulated Site Portal which fall under the following regulatory programs: Hazardous Chemical Management, Hazardous Waste Onsite Treatment, Household Hazardous Waste Collection, Hazardous Waste Generator, RCRA LQ HW Generator. The CalEPA oversees the statewide implementation of the Unified Program which applies regulatory standards to protect Californians from hazardous waste and materials.

Government Publication Date: Oct 28, 2024

Delisted Environmental Reporting System (CERS) Hazardous Waste Sites: DELISTED HAZ

This database contains a list of sites that were removed from the California Environmental Protection Agency (CalEPA) in the following regulatory programs: Hazardous Chemical Management, Hazardous Waste Onsite Treatment, Household Hazardous Waste Collection, Hazardous Waste Generator, RCRA LQ HW Generator.

Government Publication Date: Nov 29, 2018

Sites in GeoTracker: GEOTRACKER

GeoTracker is the State Water Resource Control Boards' data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater. This is a list of sites in GeoTracker that aren't otherwise categorized as LUST, Land Disposal Sites (LDS), Cleanup Sites, or sites having Waste Discharge Requirements (WDR). This listing includes program types such as Underground Injection Control (UIC), Confined Animal Facilities (CAF), Irrigated Lands Regulatory Program, plans, and non-case information.

Government Publication Date: Jul 4, 2024

Mines Listing: MINE

This list includes mine site locations extracted from the Mines Online database, maintained by the California Department of Conservation. Mines Online (MOL) is an interactive web map designed with GIS features that provide information such as the mine name, mine status, commodity sold, location, and other mine specific data. Please note: Mine location information is provided to assist experts in determining the location of mine operators in accordance with California Civil Code section 1103.4 and reflects information reported by mine operators in annual reports provided under Public Resources Code section 2207. While the Division of Mine Reclamation (DMR) attempts to populate MOL with accurate location information, the DMR cannot guarantee the accuracy of operator reported location information.

Government Publication Date: Oct 3, 2024

Recorded Environmental Cleanup Liens: LIEN

The California Department of Toxic Substance Control (DTSC) maintains this list of liens placed upon real properties. A lien is utilized by the DTSC to obtain reimbursement from responsible parties for costs associated with the remediation of contaminated properties.

Government Publication Date: Dec 18, 2023

Waste Discharge Requirements: WASTE DISCHG

List of sites in California State Water Resources Control Board (SWRCB) Waste Discharge Requirements (WDRs) Program in California, made available by the SWRCB via GeoTracker. The WDR program regulates point discharges that are exempt pursuant to Subsection 20090 of Title 27 and not subject to the Federal Water Pollution Control Act. The scope of the WDRs Program also includes the discharge of wastes classified as inert, pursuant to section 20230 of Title 27.

Government Publication Date: Jul 4, 2024

Toxic Pollutant Emissions Facilities: EMISSIONS

A list of criteria and toxic pollutant emissions data for facilities in California made available by the California Environmental Protection Agency - Air Resources Board (ARB). Risk data may be based on previous inventory submittals. The toxics data are submitted to the ARB by the local air districts as requirement of the Air Toxics "Hot Spots" Program.

Government Publication Date: Dec 31, 2021

Clandestine Drug Lab Sites: CDL

The Department of Toxic Substances Control (DTSC) maintains a listing of drug lab sites. DTSC is responsible for removal and disposal of hazardous substances discovered by law enforcement officials while investigating illegal/clandestine drug laboratories.

Government Publication Date: Jan 19, 2021

Tribal

No Tribal additional environmental record sources available for this State.

County

Los Angeles County - Santa Monica City Hazardous Materials Facilities: HAZMAT SANTAMON

A list of Hazardous Materials Facilities in the City of Santa Monica, Los Angeles county. This list is made available by Santa Monica Fire Prevention Division which has been designated as the CUPA for the City.

Government Publication Date: Dec 17, 2021

Los Angeles County - Santa Monica City Hazardous Waste Facilities: HAZ WST SANTAMON

A list of Hazardous Waste Facilities in Los Angeles County, City of Santa Monica. This list is made available by Santa Monica Fire Prevention Division.

Government Publication Date: Jan 20, 2023

Definitions

Database Descriptions: This section provides a detailed explanation for each database including: source, information available, time coverage, and acronyms used. They are listed in alphabetic order.

Detail Report: This is the section of the report which provides the most detail for each individual record. Records are summarized by location, starting with the project property followed by records in closest proximity.

Distance: The distance value is the distance between plotted points, not necessarily the distance between the sites' boundaries. All values are an approximation.

Direction: The direction value is the compass direction of the site in respect to the project property and/or center point of the report.

Elevation: The elevation value is taken from the location at which the records for the site address have been plotted. All values are an approximation. Source: Google Elevation API.

Executive Summary: This portion of the report is divided into 3 sections:

'Report Summary'- Displays a chart indicating how many records fall on the project property and, within the report search radii.

'Site Report Summary'-Project Property'- This section lists all the records which fall on the project property. For more details, see the 'Detail Report' section.

'Site Report Summary-Surrounding Properties'- This section summarizes all records on adjacent properties, listing them in order of proximity from the project property. For more details, see the 'Detail Report' section.

Map Key: The map key number is assigned according to closest proximity from the project property. Map Key numbers always start at #1. The project property will always have a map key of '1' if records are available. If there is a number in brackets beside the main number, this will indicate the number of records on that specific property. If there is no number in brackets, there is only one record for that property.

The symbol and colour used indicates 'elevation': the red inverted triangle will dictate 'ERIS Sites with Lower Elevation', the yellow triangle will dictate 'ERIS Sites with Higher Elevation' and the orange square will dictate 'ERIS Sites with Same Elevation.'

Unplottables: These are records that could not be mapped due to various reasons, including limited geographic information. These records may or may not be in your study area, and are included as reference.

PSR
PHYSICAL SETTING REPORT

Property Information

Order Number:		24111100252p
Date Completed:		November 12, 2024
Project Number:		24-473325.1
Project Property:		Menlo and Imperial - Parking Lot SE Corner Menlo Avenue and Imperial Highway Hawthorne CA 90304
Coordinates:		
	Latitude:	33.9310278
	Longitude:	-118.3471746
	UTM Northing:	3755280.19445 Meters
	UTM Easting:	375515.824938 Meters
	UTM Zone:	UTM Zone 11S
	Elevation:	71.46 ft
	Slope Direction:	N

Topographic Information....2
Hydrologic Information....4
Geologic Information....9
Soil Information....11
Wells and Additional Sources....14
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Detail Report....24
Radon Information....222
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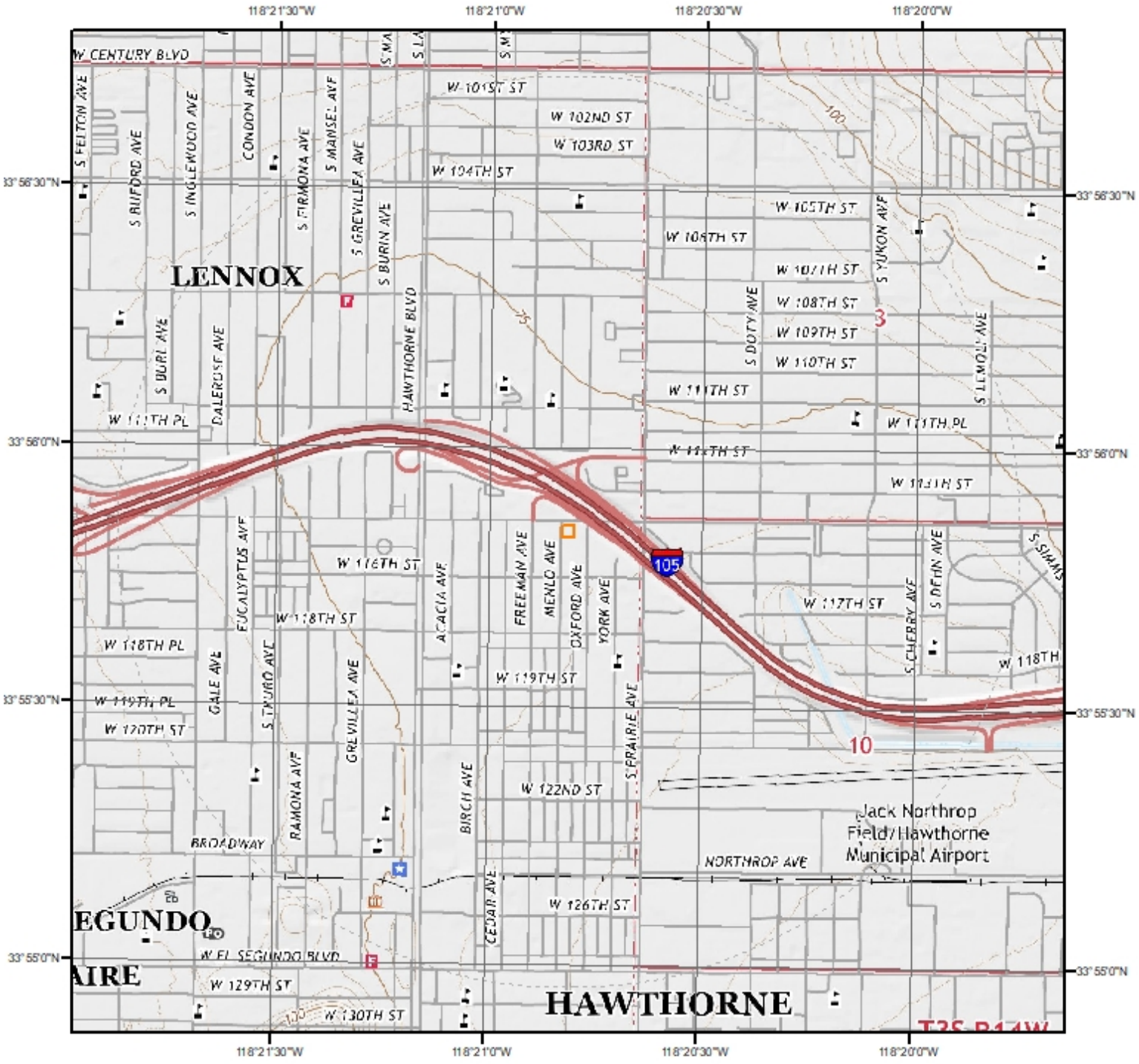
The ERIS ***Physical Setting Report - PSR*** provides comprehensive information about the physical setting around a site and includes a complete overview of topography and surface topology, in addition to hydrologic, geologic and soil characteristics. The location and detailed attributes of oil and gas wells, water wells, public water systems and radon are also included for review.

The compilation of both physical characteristics of a site and additional attribute data is useful in assessing the impact of migration of contaminants and subsequent impact on soils and groundwater.

Disclaimer

This Report does not provide a full environmental evaluation for the site or adjacent properties. Please see the terms and disclaimer at the end of the Report for greater detail.

Topographic Information



Current USGS Topo (2021)

0 0.2 0.4 0.8 Miles

N

Quadrangle(s): Inglewood,CA

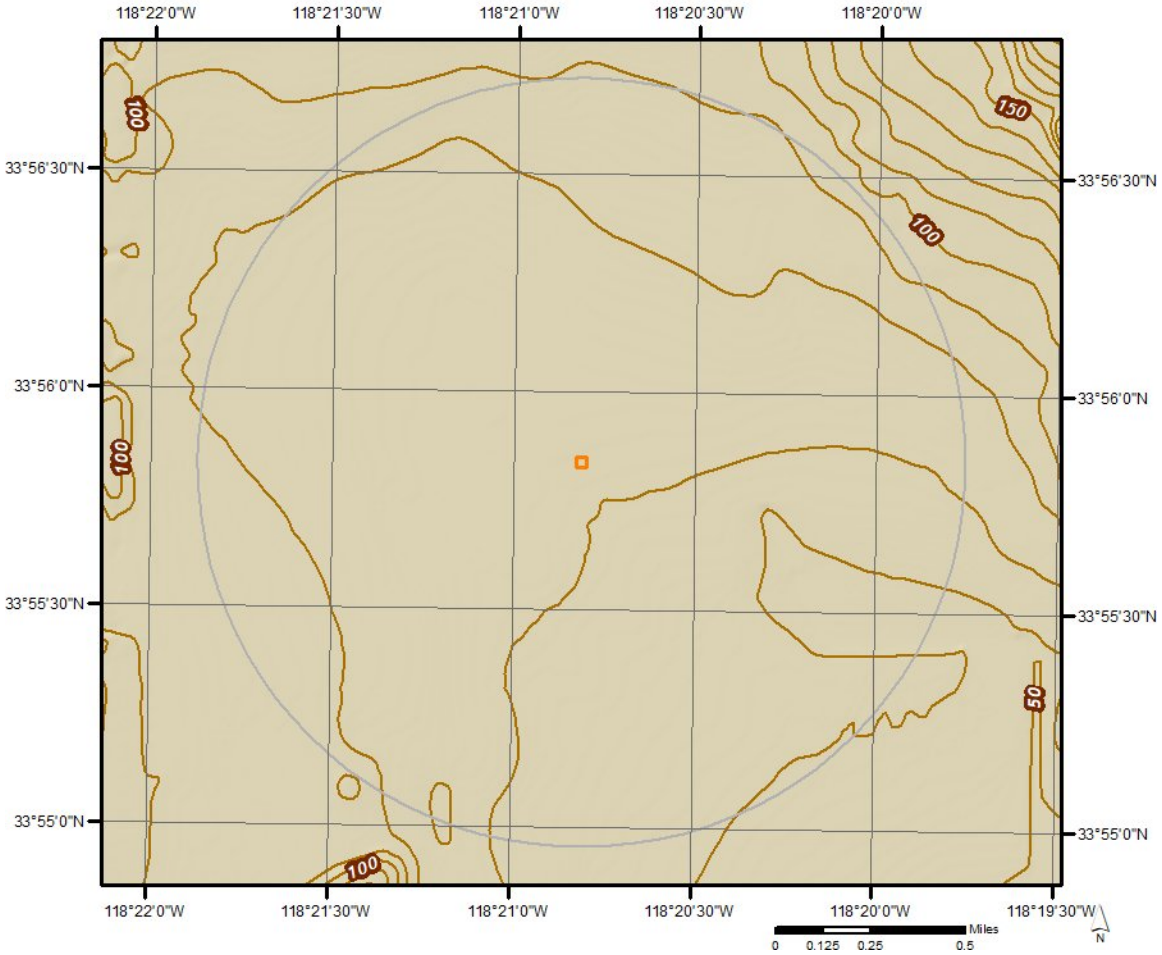
Source: USGS 7.5 Minute Topographic Map

Topographic Information

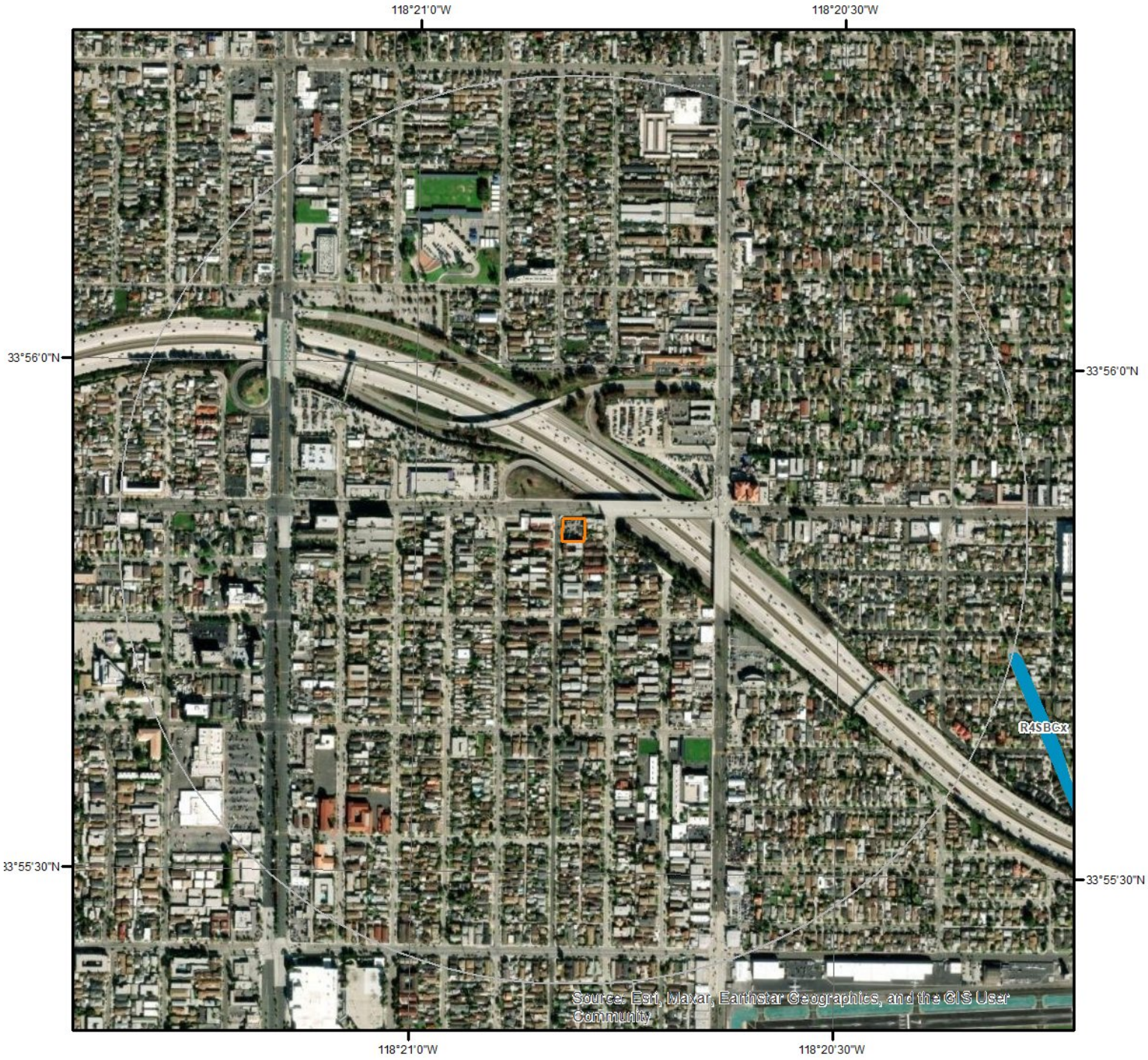
The previous topographic map(s) are created by seamlessly merging and cutting current USGS topographic data. Below are shaded relief map(s), derived from USGS elevation data to show surrounding topography in further detail.

Topographic information at project property:

Elevation:	71.46 ft
Slope Direction:	N



Hydrologic Information



Wetland

Miles
0 0.075 0.15 0.3

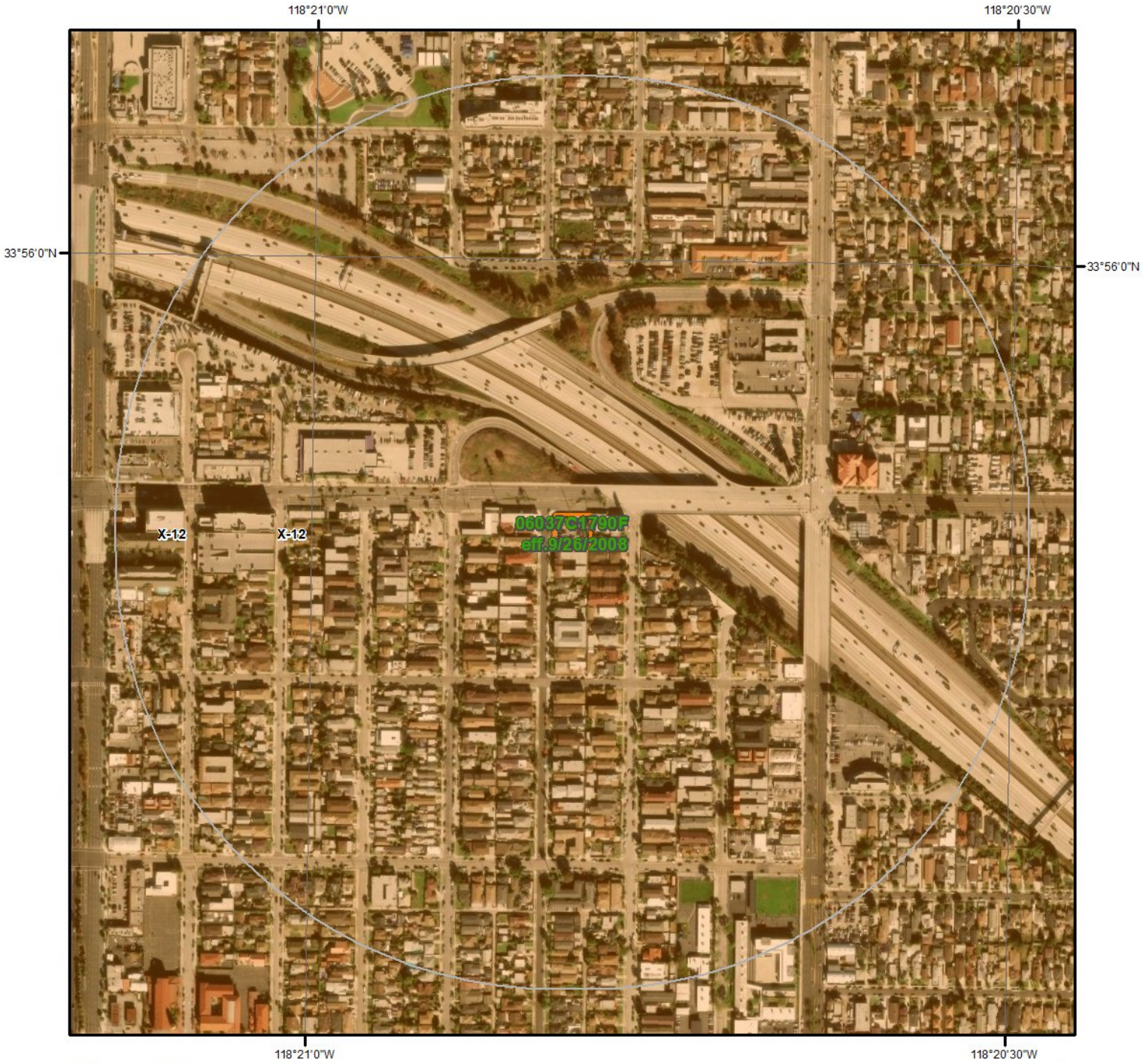
N

This map shows wetland existence using data from US Fish & Wildlife.
Data coverage is shown to the right. Gray indicates no data available in the area.

- Estuarine and Marine Deepwater
- Estuarine and Marine Wetland
- Freshwater Emergent Wetland
- Freshwater Forested/Shrub Wetland
- Freshwater Pond
- Lake
- Other
- Riverine

ERIS

Hydrologic Information



Flood Hazard Zones

This map shows FEMA flood hazard zones based on FEMA's National Flood Hazard Layer. FIRM Panels are overlayed. An absent FIRM panel represents no data available.

Miles
0 0.05 0.1

N

- 1% Annual Chance Flood Hazard
- Regulatory Floodway
- Special Floodway
- Area of Undetermined Flood Hazard
- 0.2% Annual Chance Flood Hazard
- Future Conditions 1% Annual Chance Flood Hazard
- Area with Reduced Risk Due to Levee
- Area with Risk Due to Levee
- Open Water

Quadrangle(s): Inglewood,CA

ERIS

Hydrologic Information

The Wetland Type map shows wetland existence overlaid on an aerial imagery. The Flood Hazard Zones map shows FEMA flood hazard zones overlaid on an aerial imagery. Relevant FIRM panels and detailed zone information is provided below.
For detailed Zone descriptions please click the link: https://floodadvocate.com/fema-zone-definitions

Available FIRM Panels in area:	06037C1790F(effective:2008-09-26)

Flood Zone X-12

Zone:	X
Zone subtype:	AREA OF MINIMAL FLOOD HAZARD

Hydrologic Information

FEMA Flood Zone Definitions

Special Flood Hazard Areas – High Risk

Special Flood Hazard Areas represent the area subject to inundation by 1-percent-annual chance flood. Structures located within the SFHA have a 26-percent chance of flooding during the life of a standard 30-year mortgage. Federal floodplain management regulations and mandatory flood insurance purchase requirements apply in these zones.

ZONE	DESCRIPTION
A	Areas subject to inundation by the 1-percent-annual-chance flood event. Because detailed hydraulic analyses have not been performed, no Base Flood Elevations (BFEs) or flood depths are shown.
AE, A1-A30	Areas subject to inundation by the 1-percent-annual-chance flood event determined by detailed methods. BFEs are shown within these zones. (Zone AE is used on new and revised maps in place of Zones A1–A30.)
AH	Areas subject to inundation by 1-percent-annual-chance shallow flooding (usually areas of ponding) where average depths are 1–3 feet. BFEs derived from detailed hydraulic analyses are shown in this zone.
AO	Areas subject to inundation by 1-percent-annual-chance shallow flooding (usually sheet flow on sloping terrain) where average depths are 1–3 feet. Average flood depths derived from detailed hydraulic analyses are shown within this zone.
AR	Areas that result from the decertification of a previously accredited flood protection system that is determined to be in the process of being restored to provide base flood protection.
A99	Areas subject to inundation by the 1-percent-annual-chance flood event, but which will ultimately be protected upon completion of an under-construction Federal flood protection system. These are areas of special flood hazard where enough progress has been made on the construction of a protection system, such as dikes, dams, and levees, to consider it complete for insurance rating purposes. Zone A99 may be used only when the flood protection system has reached specified statutory progress toward completion. No BFEs or flood depths are shown.

Coastal High Hazard Areas – High Risk

Coastal High Hazard Areas (CHHA) represent the area subject to inundation by 1-percent-annual chance flood, extending from offshore to the inland limit of a primary front al dune along an open coast and any other area subject to high velocity wave action from storms or seismic sources. Structures located within the CHHA have a 26-percent chance of flooding during the life of a standard 30-year mortgage. Federal floodplain management regulations and mandatory purchase requirements apply in these zones.

ZONE	DESCRIPTION
V	Areas along coasts subject to inundation by the 1-percent-annual-chance flood event with additional hazards associated with storm-induced waves. Because detailed coastal analyses have not been performed, no BFEs or flood depths are shown.
VE, V1-V30	Areas along coasts subject to inundation by the 1-percent-annual-chance flood event with additional hazards due to storm-induced velocity wave action. BFEs derived from detailed hydraulic coastal analyses are shown within these zones. (Zone VE is used on new and revised maps in place of Zones V1–V30.)

Hydrologic Information

Moderate and Minimal Risk Areas

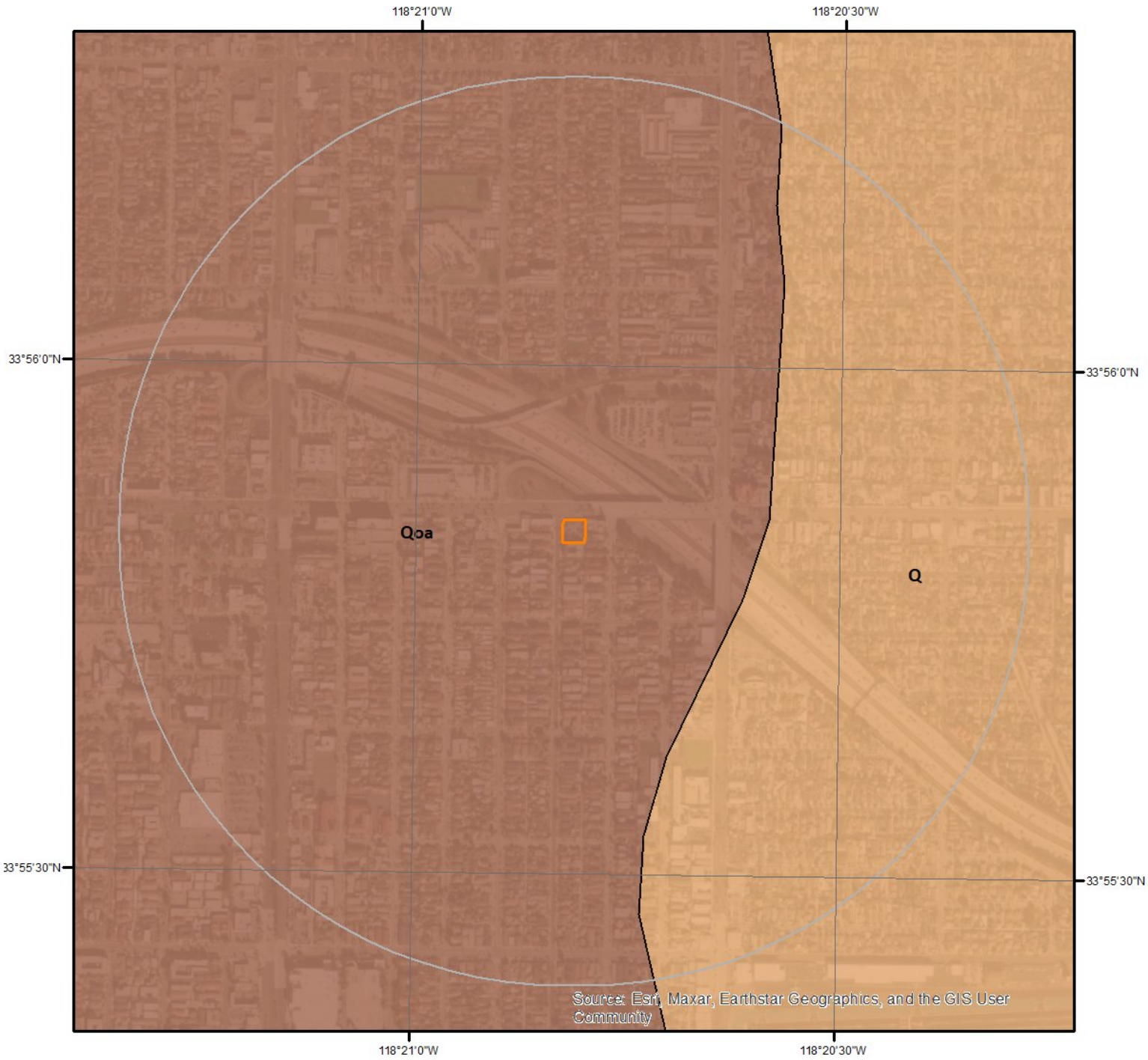
Areas of moderate or minimal hazard are studied based upon the principal source of flood in the area. However, buildings in these zones could be flooded by severe, concentrated rainfall coupled with inadequate local drainage systems. Local stormwater drainage systems are not normally considered in a community's flood insurance study. The failure of a local drainage system can create areas of high flood risk within these zones. Flood insurance is available in participating communities, but is not required by regulation in these zones. Nearly 25-percent of all flood claims filed are for structures located within these zones.

ZONE	DESCRIPTION
B, X (shaded)	Moderate risk areas within the 0.2-percent-annual-chance floodplain, areas of 1-percent-annual-chance flooding where average depths are less than 1 foot, areas of 1-percent-annual-chance flooding where the contributing drainage area is less than 1 square mile, and areas protected from the 1-percent-annual-chance flood by a levee. No BFEs or base flood depths are shown within these zones. (Zone X (shaded) is used on new and revised maps in place of Zone B.)
C, X (unshaded)	Minimal risk areas outside the 1-percent and .2-percent-annual-chance floodplains. No BFEs or base flood depths are shown within these zones. (Zone X (unshaded) is used on new and revised maps in place of Zone C.)

Undetermined Risk Areas

ZONE	DESCRIPTION
D	Unstudied areas where flood hazards are undetermined, but flooding is possible. No mandatory flood insurance purchase requirements apply, but coverage is available in participating communities.

Geologic Information



Geologic Units

This maps shows geologic units in the area. Please refer to the report for detailed descriptions.

N

0 0.125 0.25 Miles

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Geologic Information

The previous page shows USGS geology information. Detailed information about each unit is provided below.

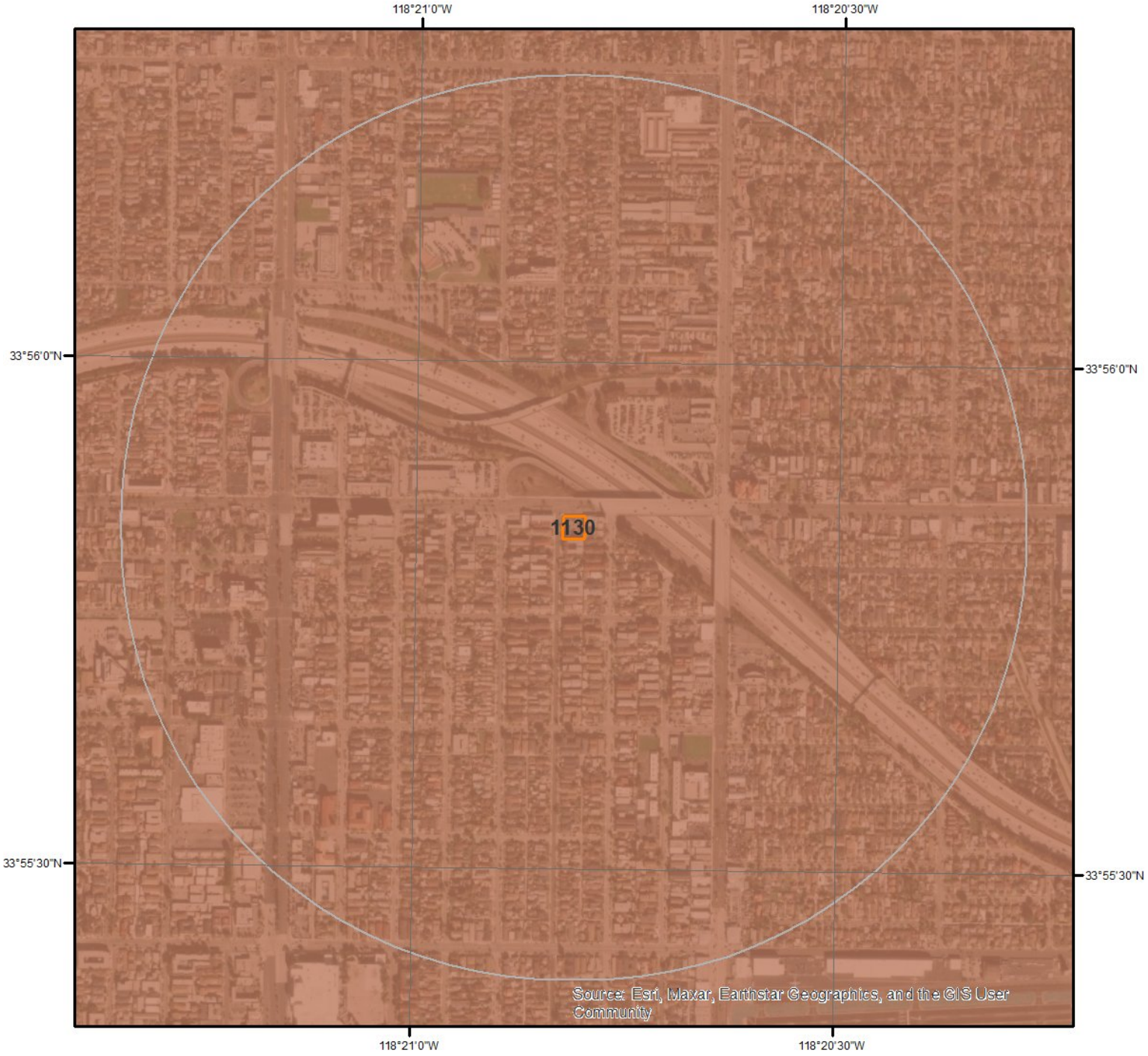
Geologic Unit Q

Unit Name:	Quaternary alluvium and marine deposits
Unit Age:	Pleistocene to Holocene
Primary Rock Type:	Coarse-detrital
Secondary Rock Type:	
Unit Description:	Alluvium, lake, playa, and terrace deposits; unconsolidated and semi-consolidated. Mostly nonmarine, but includes marine deposits near the coast.

Geologic Unit Qoa

Unit Name:	Older Quaternary alluvium and marine deposits
Unit Age:	Pleistocene
Primary Rock Type:	Coarse-detrital
Secondary Rock Type:	
Unit Description:	Older alluvium, lake, playa, and terrace deposits.

Soil Information



SSURGO Soils

N

0 0.125 0.25 Miles

This maps shows SSURGO soil units around the target property. Please refer to the report for detailed soil descriptions.

ERIS

Soil Information

The previous page shows a soil map using SSURGO data from USDA Natural Resources Conservation Service. Detailed information about each unit is provided below.

Map Unit 1130 (100.0%)

Map Unit Name:	Urban land-Windfetch-Typic Haploxerolls complex, 0 to 2 percent slopes
Bedrock Depth - Min:	
Watertable Depth - Annual Min:	
Drainage Class - Dominant:	
Hydrologic Group - Dominant:	
Major components are printed below	
Windfetch(25%)	
horizon ^A1(0cm to 21cm)	Loam
horizon A2(21cm to 65cm)	Loam
horizon A3(65cm to 75cm)	Loam
horizon Bt(75cm to 105cm)	Clay loam
horizon Btk1(105cm to 125cm)	Clay loam
horizon Btk2(125cm to 200cm)	Sandy clay loam
Typic Haploxerolls(15%)	
horizon A1(0cm to 16cm)	Loam
horizon A2(16cm to 42cm)	Fine sandy loam
horizon C1(42cm to 110cm)	Fine sandy loam
horizon C2(110cm to 200cm)	Fine sandy loam

Component Description:

Minor map unit components are excluded from this report.

Map Unit: 1130 - Urban land-Windfetch-Typic Haploxerolls complex, 0 to 2 percent slopes

Component: Urban land (50%)
Generated brief soil descriptions are created for major soil components. The Urban land is a miscellaneous area.

Component: Windfetch (25%)
The Windfetch component makes up 25 percent of the map unit. Slopes are 0 to 2 percent. This component is on alluvial plains, terraces. The parent material consists of discontinuous human-transported material over mixed alluvium. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is well drained. Water movement in the most restrictive layer is moderately high. Available water to a depth of 60 inches (or restricted depth) is high. Shrink-swell potential is moderate. This soil is not flooded. It is not ponded. There is no zone of water saturation within a depth of 72 inches. Organic matter content in the surface horizon is about 3 percent. Nonirrigated land capability classification is 3e. This soil does not meet hydric criteria. The soil has a very slightly saline horizon within 30 inches of the soil surface. The soil has a maximum sodium adsorption ratio of 5 within 30 inches of the soil surface.

Component: Typic Haploxerolls (15%)
The Typic Haploxerolls component makes up 15 percent of the map unit. Slopes are 0 to 2 percent. This component is on terraces, alluvial plains. The parent material consists of discontinuous human-transported material over mixed alluvium. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is well drained. Water movement in the most restrictive layer is moderately high. Available water to a depth of 60 inches (or restricted depth) is moderate. Shrink-swell potential is low. This soil is not flooded. It is not ponded. There is no zone of water saturation within a depth of 72 inches. Organic matter content in the surface horizon is about 3 percent. Nonirrigated land capability classification is 3e. This soil does not meet hydric criteria. There are no saline horizons within 30 inches of the soil surface.

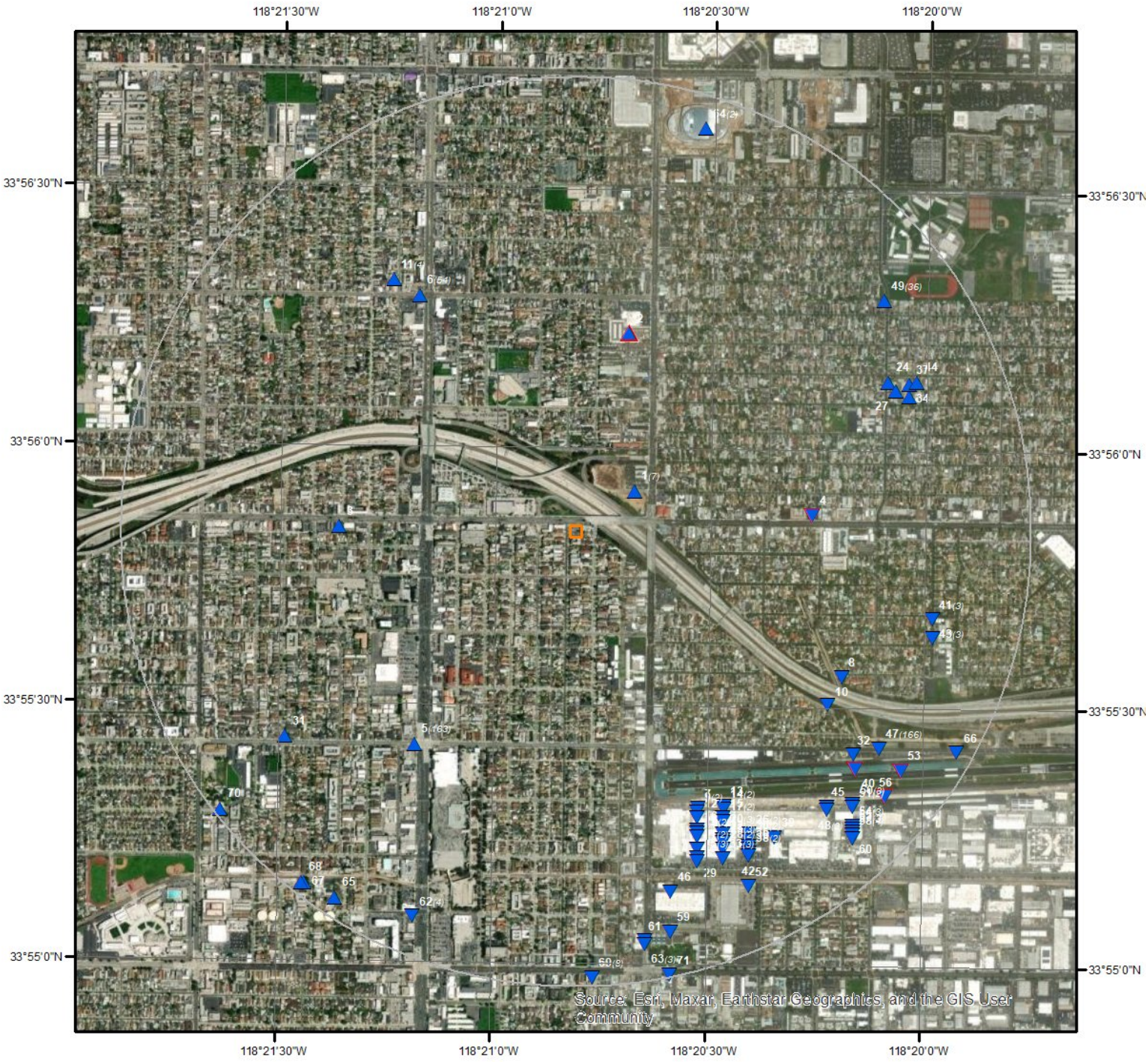
Component: Sepulveda (5%)
Generated brief soil descriptions are created for major soil components. The Sepulveda soil is a minor component.

Component: Thums (4%)
Generated brief soil descriptions are created for major soil components. The Thums soil is a minor component.

Soil Information

Component: Abaft (1%)
Generated brief soil descriptions are created for major soil components. The Abaft soil is a minor component.

Wells and Additional Sources



Wells & Additional Sources

N

0 0.15 0.3 0.6 Miles

- Sites with Higher Elevation
- Sites with Same Elevation
- Sites with Lower Elevation
- Sites with Unknown Elevation
- OGW Sites with Higher Elevation
- OGW Sites with Same Elevation
- OGW Sites with Lower Elevation
- OGW Sites with Unknown Elevation

ERIS

Wells and Additional Sources Summary

Federal Sources

Public Water Systems Violations and Enforcement Data

Map Key	ID	Distance (ft)	Direction
	No records found		

Safe Drinking Water Information System (SDWIS)

Map Key	ID	Distance (ft)	Direction
	No records found		

USGS National Water Information System

Map Key	Site No	Distance (ft)	Direction
1	USGS-335555118204001	747.84	NE
1	USGS-335555118204004	747.84	NE
1	USGS-335555118204005	747.84	NE
1	USGS-335555118204006	747.84	NE
1	USGS-335555118204002	747.84	NE
1	USGS-335555118204007	747.84	NE
1	USGS-335555118204003	747.84	NE
8	USGS-335500118200001	3479.56	ESE
24	USGS-335608118200201	3986.94	ENE
27	USGS-335607118200101	4020.89	ENE
44	USGS-335608118195801	4292.88	ENE
65	USGS-335508118212001	5056.06	SSW
67	USGS-335509118212401	5119.12	SW
68	USGS-335509118212301	5138.19	SW
70	USGS-335518118213501	5202.32	SW

State Sources

Oil and Gas Wells

Map Key	API No	Distance (ft)	Direction
2	0403705270	2330.37	NNE
4	0403705575	2718.90	E
40	0403705548	4220.49	SE
53	0403705550	4654.72	SE
56	0403705696	4699.49	SE

Periodic Groundwater Level Measurement Locations

Map Key	ID	Distance (ft)	Direction
	No records found		

Well Completion Reports

Map Key	WCR No	Distance (ft)	Direction

3	WCR2019-016372	2708.76	W
5	WCR2014-010369	3040.85	SW
5	WCR0099665	3040.85	SW
5	WCR1905-000066	3040.85	SW
5	WCR0281096	3040.85	SW
5	WCR2014-010372	3040.85	SW
5	WCR0154817	3040.85	SW
5	WCR0320769	3040.85	SW
5	WCR1970-001796	3040.85	SW
5	WCR0226678	3040.85	SW
5	WCR0155473	3040.85	SW
5	WCR0139985	3040.85	SW
5	WCR0069275	3040.85	SW
5	WCR0197362	3040.85	SW
5	WCR0103785	3040.85	SW
5	WCR0082775	3040.85	SW
5	WCR0281094	3040.85	SW
5	WCR0080566	3040.85	SW
5	WCR1927-000192	3040.85	SW
5	WCR2014-010038	3040.85	SW
5	WCR2008-009698	3040.85	SW
5	WCR2009-011094	3040.85	SW
5	WCR2012-008882	3040.85	SW
5	WCR1924-000165	3040.85	SW
5	WCR1941-000450	3040.85	SW
5	WCR2014-010244	3040.85	SW
5	WCR0043653	3040.85	SW
5	WCR2006-011027	3040.85	SW
5	WCR0280081	3040.85	SW
5	WCR2014-010040	3040.85	SW
5	WCR0175052	3040.85	SW
5	WCR0279810	3040.85	SW
5	WCR0068405	3040.85	SW
5	WCR2014-010233	3040.85	SW
5	WCR2014-010043	3040.85	SW
5	WCR1968-001802	3040.85	SW
5	WCR1946-000946	3040.85	SW
5	WCR2014-010387	3040.85	SW
5	WCR0264904	3040.85	SW
5	WCR1905-000034	3040.85	SW
5	WCR0235142	3040.85	SW
5	WCR0043654	3040.85	SW
5	WCR0227289	3040.85	SW
5	WCR2014-010374	3040.85	SW
5	WCR2014-010045	3040.85	SW
5	WCR2009-011074	3040.85	SW
5	WCR2014-010239	3040.85	SW
5	WCR0197363	3040.85	SW
5	WCR2014-010225	3040.85	SW
5	WCR2014-010039	3040.85	SW
5	WCR2014-010243	3040.85	SW
5	WCR0235143	3040.85	SW
5	WCR2014-010230	3040.85	SW
5	WCR0227290	3040.85	SW
5	WCR0238091	3040.85	SW
5	WCR0264903	3040.85	SW
5	WCR0073684	3040.85	SW
5	WCR0197068	3040.85	SW
5	WCR2014-010245	3040.85	SW
5	WCR2014-010240	3040.85	SW
5	WCR2014-010232	3040.85	SW
5	WCR0299892	3040.85	SW
5	WCR0281097	3040.85	SW
5	WCR1949-000528	3040.85	SW
5	WCR0099664	3040.85	SW

5	WCR1939-000187	3040.85	SW
5	WCR2009-011073	3040.85	SW
5	WCR0144121	3040.85	SW
5	WCR2014-010235	3040.85	SW
5	WCR0062033	3040.85	SW
5	WCR0151650	3040.85	SW
5	WCR0280086	3040.85	SW
5	WCR2014-010223	3040.85	SW
5	WCR2014-010044	3040.85	SW
5	WCR0299890	3040.85	SW
5	WCR0186916	3040.85	SW
5	WCR0208420	3040.85	SW
5	WCR0053933	3040.85	SW
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USGS National Water Information System

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
1	NE	0.14	747.84	72.46	FED USGS

Site No:	USGS-335555118204001
Site Type:	Well
Formation Type:	
Date Drilled:	20120710
Well Depth:	1940
Well Depth Unit:	ft
Well Hole Depth:	1980
Well Hole Depth Unit:	ft
Reporting Agency:	USGS California Water Science Center
Station Name:	003S014W04R001S
Latitude:	33.93194444000000
Longitude:	-118.3445833000000

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
1	NE	0.14	747.84	72.46	FED USGS

Site No:	USGS-335555118204004
Site Type:	Well
Formation Type:	
Date Drilled:	20120710
Well Depth:	910
Well Depth Unit:	ft
Well Hole Depth:	1980
Well Hole Depth Unit:	ft
Reporting Agency:	USGS California Water Science Center
Station Name:	003S014W04R004S
Latitude:	33.93194444000000
Longitude:	-118.3445833000000

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
1	NE	0.14	747.84	72.46	FED USGS

Site No:	USGS-335555118204005
Site Type:	Well
Formation Type:	
Date Drilled:	20120710
Well Depth:	560
Well Depth Unit:	ft
Well Hole Depth:	1980

Well Hole Depth Unit: ft
Reporting Agency: USGS California Water Science Center
Station Name: 003S014W04R005S
Latitude: 33.93194444000000
Longitude: -118.3445833000000

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
1	NE	0.14	747.84	72.46	FED USGS

Site No: USGS-335555118204006
Site Type: Well
Formation Type:
Date Drilled: 20120710
Well Depth: 390
Well Depth Unit: ft
Well Hole Depth: 1980
Well Hole Depth Unit: ft
Reporting Agency: USGS California Water Science Center
Station Name: 003S014W04R006S
Latitude: 33.93194444000000
Longitude: -118.3445833000000

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
1	NE	0.14	747.84	72.46	FED USGS

Site No: USGS-335555118204002
Site Type: Well
Formation Type:
Date Drilled: 20120710
Well Depth: 1460
Well Depth Unit: ft
Well Hole Depth: 1980
Well Hole Depth Unit: ft
Reporting Agency: USGS California Water Science Center
Station Name: 003S014W04R002S
Latitude: 33.93194444000000
Longitude: -118.3445833000000

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
1	NE	0.14	747.84	72.46	FED USGS

Site No: USGS-335555118204007
Site Type: Well
Formation Type:
Date Drilled: 20120710

Well Depth: 265
Well Depth Unit: ft
Well Hole Depth: 1980
Well Hole Depth Unit: ft
Reporting Agency: USGS California Water Science Center
Station Name: 003S014W04R007S
Latitude: 33.93194444000000
Longitude: -118.3445833000000

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
1	NE	0.14	747.84	72.46	FED USGS

Site No: USGS-335555118204003
Site Type: Well
Formation Type:
Date Drilled: 20120710
Well Depth: 1275
Well Depth Unit: ft
Well Hole Depth: 1980
Well Hole Depth Unit: ft
Reporting Agency: USGS California Water Science Center
Station Name: 003S014W04R003S
Latitude: 33.93194444000000
Longitude: -118.3445833000000

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
8	ESE	0.66	3,479.56	53.39	FED USGS

Site No: USGS-335500118200001
Site Type: Well
Formation Type:
Date Drilled: 19900305
Well Depth: 800
Well Depth Unit: ft
Well Hole Depth: 806
Well Hole Depth Unit: ft
Reporting Agency: USGS California Water Science Center
Station Name: 003S014W10F001S
Latitude: 33.92600000000000
Longitude: -118.3364722000000

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
24	ENE	0.76	3,986.94	76.46	FED USGS

Site No: USGS-335608118200201

Site Type: Well
Formation Type:
Date Drilled:
Well Depth: 752
Well Depth Unit: ft
Well Hole Depth: 810
Well Hole Depth Unit: ft
Reporting Agency: USGS California Water Science Center
Station Name: 003S014W03K003S
Latitude: 33.93556976000000
Longitude: -118.3347969000000

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
27	ENE	0.76	4,020.89	76.52	FED USGS

Site No: USGS-335607118200101
Site Type: Well
Formation Type:
Date Drilled:
Well Depth: 652
Well Depth Unit: ft
Well Hole Depth: 652
Well Hole Depth Unit: ft
Reporting Agency: USGS California Water Science Center
Station Name: 003S014W03K001S
Latitude: 33.93529199000000
Longitude: -118.3345191000000

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
44	ENE	0.81	4,292.88	77.46	FED USGS

Site No: USGS-335608118195801
Site Type: Well
Formation Type:
Date Drilled: 19440101
Well Depth: 756
Well Depth Unit: ft
Well Hole Depth: 756
Well Hole Depth Unit: ft
Reporting Agency: USGS California Water Science Center
Station Name: 003S014W03K002S
Latitude: 33.93556978000000
Longitude: -118.3336858000000

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
65	SSW	0.96	5,056.06	77.89	FED USGS

Site No: USGS-335508118212001
Site Type: Well
Formation Type:
Date Drilled:
Well Depth: 578
Well Depth Unit: ft
Well Hole Depth:
Well Hole Depth Unit:
Reporting Agency: USGS California Water Science Center
Station Name: 003S014W09P001S
Latitude: 33.91870306000000
Longitude: -118.3559971000000

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
67	SW	0.97	5,119.12	80.39	FED USGS

Site No: USGS-335509118212401
Site Type: Well
Formation Type:
Date Drilled:
Well Depth: 402
Well Depth Unit: ft
Well Hole Depth: 670
Well Hole Depth Unit: ft
Reporting Agency: USGS California Water Science Center
Station Name: 003S014W09N004S
Latitude: 33.91918358000000
Longitude: -118.3571972000000

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
68	SW	0.97	5,138.19	80.33	FED USGS

Site No: USGS-335509118212301
Site Type: Well
Formation Type:
Date Drilled:
Well Depth: 530
Well Depth Unit: ft
Well Hole Depth: 595
Well Hole Depth Unit: ft
Reporting Agency: USGS California Water Science Center
Station Name: 003S014W09N005S
Latitude: 33.91918080000000
Longitude: -118.3572972000000

Wells and Additional Sources Detail Report

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
70	SW	0.99	5,202.32	82.46	FED USGS

Site No:	USGS-335518118213501
Site Type:	Well
Formation Type:	
Date Drilled:	
Well Depth:	438
Well Depth Unit:	ft
Well Hole Depth:	480
Well Hole Depth Unit:	ft
Reporting Agency:	USGS California Water Science Center
Station Name:	003S014W09M001S
Latitude:	33.92152238000000
Longitude:	-118.3604778000000

Oil and Gas Wells

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
2	NNE	0.44	2,330.37	77.46	OGW

API No:	0403705270	Directional:	
All Well Key:		BLM Well:	
OP Well ID:		EPA Well:	
OID:		Operator Code:	01460
Well No:	1	Operator Name:	Centinela Oil Co.
Well Status:	Plugged	Operator St:	
Well Stat Desc:	Plugged	County APIC:	
Well Type:	DH	District:	Southern
Well Type Desc:	Dry Hole	Geo District:	
Well Symbol:	PluggedDH	Field Code:	
Well Sym Desc:		Field Name:	Any Field
Release Date:		Area Code:	
Completion Date:		Area Name:	Any Area
Abandoned Date:		County Name:	Los Angeles
Lease Name:	Lease by Centinela Oil Co.	Section:	04
Elevation:		Township:	03S
Total Depth:		Range:	14W
Redrilled Depth:		Lat27:	
Redrill Cancel Flag:		Long27:	
Dryhole:		Lat83:	33.93703842
Confidential:		Long83:	-118.34487152
Confidential Well:	No	Base Meridian:	SB
Directional Drilled:	No	GIS Source Code:	hud
Hydr Fractured:		Well Design:	1
Location:			

Place: Inglewood
Source83 Desc: Heads Up Digitized - Coordinates generated from scanned, geo-referenced, static scale, Mylar maps
URL:

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
4	E	0.51	2,718.90	70.46	OGW

API No:	0403705575	Directional:	
All Well Key:		BLM Well:	
OP Well ID:		EPA Well:	
OID:		Operator Code:	05276
Well No:	1	Operator Name:	Lennox Petro. Co.
Well Status:	Plugged	Operator St:	
Well Stat Desc:	Plugged	County APIC:	
Well Type:	DH	District:	Southern
Well Type Desc:	Dry Hole	Geo District:	
Well Symbol:	PluggedDH	Field Code:	
Well Sym Desc:		Field Name:	Any Field
Release Date:		Area Code:	
Completion Date:		Area Name:	Any Area
Abandoned Date:		County Name:	Los Angeles
Lease Name:	Lennox	Section:	03
Elevation:		Township:	03S
Total Depth:		Range:	14W
Redrilled Depth:		Lat27:	
Redrill Cancel Flag:		Long27:	
Dryhole:		Lat83:	33.93122864
Confidential:		Long83:	-118.33768463
Confidential Well:	No	Base Meridian:	SB
Directional Drilled:	No	GIS Source Code:	hud
Hydr Fractured:		Well Design:	Lennox 1

Location:
Place: Inglewood
Source83 Desc: Heads Up Digitized - Coordinates generated from scanned, geo-referenced, static scale, Mylar maps
URL:

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
40	SE	0.80	4,220.49	61.50	OGW

API No:	0403705548	Directional:	
All Well Key:		BLM Well:	
OP Well ID:		EPA Well:	
OID:		Operator Code:	03680
Well No:	1	Operator Name:	H. L. Kitselman
Well Status:	Idle	Operator St:	
Well Stat Desc:	Idle	County APIC:	

Wells and Additional Sources Detail Report

Well Type:	OG	District:	Southern
Well Type Desc:	Oil & Gas	Geo District:	
Well Symbol:	IdleOG	Field Code:	
Well Sym Desc:		Field Name:	Any Field
Release Date:		Area Code:	
Completion Date:		Area Name:	Any Area
Abandoned Date:		County Name:	Los Angeles
Lease Name:	Kitselman	Section:	10
Elevation:		Township:	03S
Total Depth:		Range:	14W
Redrilled Depth:		Lat27:	
Redrill Cancel Flag:		Long27:	
Dryhole:		Lat83:	33.9230423
Confidential:		Long83:	-118.33591461
Confidential Well:	No	Base Meridian:	SB
Directional Drilled:	No	GIS Source Code:	hud
Hydr Fractured:		Well Design:	Kitselman 1
Location:			
Place:	Hawthorne		
Source83 Desc:	Heads Up Digitized - Coordinates generated from scanned, geo-referenced, static scale, Mylar maps		
URL:			

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
53	SE	0.88	4,654.72	62.11	OGW

API No:	0403705550	Directional:	
All Well Key:		BLM Well:	
OP Well ID:		EPA Well:	
OID:		Operator Code:	03680
Well No:	3	Operator Name:	H. L. Kitselman
Well Status:	Plugged	Operator St:	
Well Stat Desc:	Plugged	County APIC:	
Well Type:	DH	District:	Southern
Well Type Desc:	Dry Hole	Geo District:	
Well Symbol:	PluggedDH	Field Code:	
Well Sym Desc:		Field Name:	Any Field
Release Date:		Area Code:	
Completion Date:		Area Name:	Any Area
Abandoned Date:		County Name:	Los Angeles
Lease Name:	Kitselman	Section:	10
Elevation:		Township:	03S
Total Depth:		Range:	14W
Redrilled Depth:		Lat27:	
Redrill Cancel Flag:		Long27:	
Dryhole:		Lat83:	33.92300415
Confidential:		Long83:	-118.33414459

Wells and Additional Sources Detail Report

Confidential Well:	No	Base Meridian:	SB
Directional Drilled:	No	GIS Source Code:	hud
Hydr Fractured:		Well Design:	Kitselman 3
Location:			
Place:	Hawthorne		
Source83 Desc:	Heads Up Digitized - Coordinates generated from scanned, geo-referenced, static scale, Mylar maps		
URL:			

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
56	SE	0.89	4,699.49	62.46	OGW

API No:	0403705696	Directional:	
All Well Key:		BLM Well:	
OP Well ID:		EPA Well:	
OID:		Operator Code:	07234
Well No:	1	Operator Name:	Republic Petroleum Co.
Well Status:	Plugged	Operator St:	
Well Stat Desc:	Plugged	County APIC:	
Well Type:	DH	District:	Southern
Well Type Desc:	Dry Hole	Geo District:	
Well Symbol:	PluggedDH	Field Code:	
Well Sym Desc:		Field Name:	Any Field
Release Date:		Area Code:	
Completion Date:		Area Name:	Any Area
Abandoned Date:		County Name:	Los Angeles
Lease Name:	Lease by Republic Petroleum Co.	Section:	10
Elevation:		Township:	03S
Total Depth:		Range:	14W
Redrilled Depth:		Lat27:	
Redrill Cancel Flag:		Long27:	
Dryhole:		Lat83:	33.92215347
Confidential:		Long83:	-118.33474731
Confidential Well:	No	Base Meridian:	SB
Directional Drilled:	No	GIS Source Code:	hud
Hydr Fractured:		Well Design:	1
Location:			
Place:	Hawthorne		
Source83 Desc:	Heads Up Digitized - Coordinates generated from scanned, geo-referenced, static scale, Mylar maps		
URL:			

Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
3	W	0.51	2,708.76	73.46	WATER WELLS

WCR No:	WCR2019-016372
Location:	4532 Imperial Highway

City:	Hawthorne
County:	Los Angeles
Decimal Latitude:	33.9307
Decimal Longitude:	-118.356
Location(OSWCR):	4532 Imperial Highway
City(OSWCR):	Hawthorne
County(OSWCR):	Los Angeles
Decimal Lat(OSWCR):	33.9306954
Decim Long(OSWCR):	-118.3559191
Data Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
5	SW	0.58	3,040.85	74.52	WATER WELLS

WCR No:	WCR2014-010369
Location:	11402 Hawthorne Blvd
City:	Hawthorne
County:	Los Angeles
Decimal Latitude:	33.9237
Decimal Longitude:	-118.353
Location(OSWCR):	11402 Hawthorne Blvd
City(OSWCR):	Hawthorne
County(OSWCR):	Los Angeles
Decimal Lat(OSWCR):	33.92365
Decim Long(OSWCR):	-118.35275
Data Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
5	SW	0.58	3,040.85	74.52	WATER WELLS

WCR No:	WCR0099665
Location:	
City:	
County:	Los Angeles
Decimal Latitude:	33.9237
Decimal Longitude:	-118.353
Location(OSWCR):	
City(OSWCR):	
County(OSWCR):	Los Angeles
Decimal Lat(OSWCR):	33.92365
Decim Long(OSWCR):	-118.35275
Data Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
5	SW	0.58	3,040.85	74.52	WATER WELLS

WCR No:	WCR1905-000066
Location:	THIRD ST, BALLONA AVE, 1ST ST, PRAIRIE A
City:	
County:	Los Angeles
Decimal Latitude:	33.9237
Decimal Longitude:	-118.353
Location(OSWCR):	THIRD ST, BALLONA AVE, 1ST ST, PRAIRIE A
City(OSWCR):	
County(OSWCR):	Los Angeles
Decimal Lat(OSWCR):	33.92365
Decim Long(OSWCR):	-118.35275
Data Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
5	SW	0.58	3,040.85	74.52	WATER WELLS

WCR No:	WCR0281096
Location:	
City:	
County:	Los Angeles
Decimal Latitude:	33.9237
Decimal Longitude:	-118.353
Location(OSWCR):	
City(OSWCR):	
County(OSWCR):	Los Angeles
Decimal Lat(OSWCR):	33.92365
Decim Long(OSWCR):	-118.35275
Data Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
5	SW	0.58	3,040.85	74.52	WATER WELLS

WCR No:	WCR2014-010372
Location:	11402 Hawthorne Blvd
City:	Hawthorne
County:	Los Angeles
Decimal Latitude:	33.9237
Decimal Longitude:	-118.353
Location(OSWCR):	11402 Hawthorne Blvd
City(OSWCR):	Hawthorne
County(OSWCR):	Los Angeles
Decimal Lat(OSWCR):	33.92365

Decim Long(OSWCR): -118.35275
Data Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
5	SW	0.58	3,040.85	74.52	WATER WELLS

WCR No: WCR0154817
Location:
City:
County: Los Angeles
Decimal Latitude: 33.9237
Decimal Longitude: -118.353
Location(OSWCR):
City(OSWCR):
County(OSWCR): Los Angeles
Decimal Lat(OSWCR): 33.92365
Decim Long(OSWCR): -118.35275
Data Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
5	SW	0.58	3,040.85	74.52	WATER WELLS

WCR No: WCR0320769
Location:
City:
County: Los Angeles
Decimal Latitude: 33.9237
Decimal Longitude: -118.353
Location(OSWCR):
City(OSWCR):
County(OSWCR): Los Angeles
Decimal Lat(OSWCR): 33.92365
Decim Long(OSWCR): -118.35275
Data Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
5	SW	0.58	3,040.85	74.52	WATER WELLS

WCR No: WCR1970-001796
Location: INGLEWOOD AVE, 123RD ST, GALE ST
City: Inglewood
County: Los Angeles
Decimal Latitude: 33.9237
Decimal Longitude: -118.353

Location(OSWCR): INGLEWOOD AVE, 123RD ST, GALE ST
City(OSWCR): Inglewood
County(OSWCR): Los Angeles
Decimal Lat(OSWCR): 33.92365
Decim Long(OSWCR): -118.35275
Data Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
5	SW	0.58	3,040.85	74.52	WATER WELLS

WCR No: WCR0226678
Location:
City:
County: Los Angeles
Decimal Latitude: 33.9237
Decimal Longitude: -118.353
Location(OSWCR):
City(OSWCR):
County(OSWCR): Los Angeles
Decimal Lat(OSWCR): 33.92365
Decim Long(OSWCR): -118.35275
Data Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
5	SW	0.58	3,040.85	74.52	WATER WELLS

WCR No: WCR0155473
Location:
City:
County: Los Angeles
Decimal Latitude: 33.9237
Decimal Longitude: -118.353
Location(OSWCR):
City(OSWCR):
County(OSWCR): Los Angeles
Decimal Lat(OSWCR): 33.92365
Decim Long(OSWCR): -118.35275
Data Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
5	SW	0.58	3,040.85	74.52	WATER WELLS

WCR No: WCR0139985
Location:

City:
County: Los Angeles
Decimal Latitude: 33.9237
Decimal Longitude: -118.353
Location(OSWCR):
City(OSWCR):
County(OSWCR): Los Angeles
Decimal Lat(OSWCR): 33.92365
Decim Long(OSWCR): -118.35275
Data Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
5	SW	0.58	3,040.85	74.52	WATER WELLS

WCR No: WCR0069275
Location:
City:
County: Los Angeles
Decimal Latitude: 33.9237
Decimal Longitude: -118.353
Location(OSWCR):
City(OSWCR):
County(OSWCR): Los Angeles
Decimal Lat(OSWCR): 33.92365
Decim Long(OSWCR): -118.35275
Data Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
5	SW	0.58	3,040.85	74.52	WATER WELLS

WCR No: WCR0197362
Location:
City:
County: Los Angeles
Decimal Latitude: 33.9237
Decimal Longitude: -118.353
Location(OSWCR):
City(OSWCR):
County(OSWCR): Los Angeles
Decimal Lat(OSWCR): 33.92365
Decim Long(OSWCR): -118.35275
Data Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
5	SW	0.58	3,040.85	74.52	WATER WELLS

WCR No: WCR0103785
Location:
City:
County: Los Angeles
Decimal Latitude: 33.9237
Decimal Longitude: -118.353
Location(OSWCR):
City(OSWCR):
County(OSWCR): Los Angeles
Decimal Lat(OSWCR): 33.92365
Decim Long(OSWCR): -118.35275
Data Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
5	SW	0.58	3,040.85	74.52	WATER WELLS

WCR No: WCR0082775
Location:
City:
County: Los Angeles
Decimal Latitude: 33.9237
Decimal Longitude: -118.353
Location(OSWCR):
City(OSWCR):
County(OSWCR): Los Angeles
Decimal Lat(OSWCR): 33.92365
Decim Long(OSWCR): -118.35275
Data Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
5	SW	0.58	3,040.85	74.52	WATER WELLS

WCR No: WCR0281094
Location:
City:
County: Los Angeles
Decimal Latitude: 33.9237
Decimal Longitude: -118.353
Location(OSWCR):
City(OSWCR):
County(OSWCR): Los Angeles
Decimal Lat(OSWCR): 33.92365

Decim Long(OSWCR): -118.35275
Data Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
5	SW	0.58	3,040.85	74.52	WATER WELLS

WCR No: WCR0080566
Location:
City:
County: Los Angeles
Decimal Latitude: 33.9237
Decimal Longitude: -118.353
Location(OSWCR):
City(OSWCR):
County(OSWCR): Los Angeles
Decimal Lat(OSWCR): 33.92365
Decim Long(OSWCR): -118.35275
Data Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
5	SW	0.58	3,040.85	74.52	WATER WELLS

WCR No: WCR1927-000192
Location: BALLONA (EL SEGUNDO), RAMONA ST
City: Hawthorne
County: Los Angeles
Decimal Latitude: 33.9237
Decimal Longitude: -118.353
Location(OSWCR): BALLONA (EL SEGUNDO), RAMONA ST
City(OSWCR): Hawthorne
County(OSWCR): Los Angeles
Decimal Lat(OSWCR): 33.92365
Decim Long(OSWCR): -118.35275
Data Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
5	SW	0.58	3,040.85	74.52	WATER WELLS

WCR No: WCR2014-010038
Location: 11402 Hawthorne Blvd
City: Hawthorne
County: Los Angeles
Decimal Latitude: 33.9237
Decimal Longitude: -118.353

Location(OSWCR):	11402 Hawthorne Blvd
City(OSWCR):	Hawthorne
County(OSWCR):	Los Angeles
Decimal Lat(OSWCR):	33.92365
Decim Long(OSWCR):	-118.35275
Data Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
5	SW	0.58	3,040.85	74.52	WATER WELLS

WCR No:	WCR2008-009698
Location:	W 126th Street & Manor Drive
City:	Hawthorne
County:	Los Angeles
Decimal Latitude:	33.9237
Decimal Longitude:	-118.353
Location(OSWCR):	W 126th Street & Manor Drive
City(OSWCR):	Hawthorne
County(OSWCR):	Los Angeles
Decimal Lat(OSWCR):	33.92365
Decim Long(OSWCR):	-118.35275
Data Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
5	SW	0.58	3,040.85	74.52	WATER WELLS

WCR No:	WCR2009-011094
Location:	11741 Hawthorne Blvd
City:	Hawthorne
County:	Los Angeles
Decimal Latitude:	33.9237
Decimal Longitude:	-118.353
Location(OSWCR):	11741 Hawthorne Blvd
City(OSWCR):	Hawthorne
County(OSWCR):	Los Angeles
Decimal Lat(OSWCR):	33.92365
Decim Long(OSWCR):	-118.35275
Data Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
5	SW	0.58	3,040.85	74.52	WATER WELLS

WCR No:	WCR2012-008882
Location:	11741 Hawthorne Blvd

City:	Hawthorne
County:	Los Angeles
Decimal Latitude:	33.9237
Decimal Longitude:	-118.353
Location(OSWCR):	11741 Hawthorne Blvd
City(OSWCR):	Hawthorne
County(OSWCR):	Los Angeles
Decimal Lat(OSWCR):	33.92365
Decim Long(OSWCR):	-118.35275
Data Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
5	SW	0.58	3,040.85	74.52	WATER WELLS

WCR No:	WCR1924-000165
Location:	BALLONE (EL SEGUNDO), RAMONA ST
City:	Hawthorne
County:	Los Angeles
Decimal Latitude:	33.9237
Decimal Longitude:	-118.353
Location(OSWCR):	BALLONE (EL SEGUNDO), RAMONA ST
City(OSWCR):	Hawthorne
County(OSWCR):	Los Angeles
Decimal Lat(OSWCR):	33.92365
Decim Long(OSWCR):	-118.35275
Data Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
5	SW	0.58	3,040.85	74.52	WATER WELLS

WCR No:	WCR1941-000450
Location:	BRDWAY, RAMONA AVE
City:	Inglewood
County:	Los Angeles
Decimal Latitude:	33.9237
Decimal Longitude:	-118.353
Location(OSWCR):	BRDWAY, RAMONA AVE
City(OSWCR):	Inglewood
County(OSWCR):	Los Angeles
Decimal Lat(OSWCR):	33.92365
Decim Long(OSWCR):	-118.35275
Data Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
5	SW	0.58	3,040.85	74.52	WATER WELLS

WCR No:	WCR2014-010244
Location:	11402 Hawthorne Blvd
City:	Hawthorne
County:	Los Angeles
Decimal Latitude:	33.9237
Decimal Longitude:	-118.353
Location(OSWCR):	11402 Hawthorne Blvd
City(OSWCR):	Hawthorne
County(OSWCR):	Los Angeles
Decimal Lat(OSWCR):	33.92365
Decim Long(OSWCR):	-118.35275
Data Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
5	SW	0.58	3,040.85	74.52	WATER WELLS

WCR No:	WCR0043653
Location:	
City:	
County:	Los Angeles
Decimal Latitude:	33.9237
Decimal Longitude:	-118.353
Location(OSWCR):	
City(OSWCR):	
County(OSWCR):	Los Angeles
Decimal Lat(OSWCR):	33.92365
Decim Long(OSWCR):	-118.35275
Data Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
5	SW	0.58	3,040.85	74.52	WATER WELLS

WCR No:	WCR2006-011027
Location:	12806 S Prairie Avenue
City:	Hawthorne
County:	Los Angeles
Decimal Latitude:	33.9237
Decimal Longitude:	-118.353
Location(OSWCR):	12806 S Prairie Avenue
City(OSWCR):	Hawthorne
County(OSWCR):	Los Angeles
Decimal Lat(OSWCR):	33.92365

Decim Long(OSWCR): -118.35275
Data Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
5	SW	0.58	3,040.85	74.52	WATER WELLS

WCR No: WCR0280081
Location:
City:
County: Los Angeles
Decimal Latitude: 33.9237
Decimal Longitude: -118.353
Location(OSWCR):
City(OSWCR):
County(OSWCR): Los Angeles
Decimal Lat(OSWCR): 33.92365
Decim Long(OSWCR): -118.35275
Data Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
5	SW	0.58	3,040.85	74.52	WATER WELLS

WCR No: WCR2014-010040
Location: 11402 Hawthorne Blvd
City: Hawthorne
County: Los Angeles
Decimal Latitude: 33.9237
Decimal Longitude: -118.353
Location(OSWCR): 11402 Hawthorne Blvd
City(OSWCR): Hawthorne
County(OSWCR): Los Angeles
Decimal Lat(OSWCR): 33.92365
Decim Long(OSWCR): -118.35275
Data Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
5	SW	0.58	3,040.85	74.52	WATER WELLS

WCR No: WCR0175052
Location:
City:
County: Los Angeles
Decimal Latitude: 33.9237
Decimal Longitude: -118.353

Location(OSWCR):
City(OSWCR):
County(OSWCR): Los Angeles
Decimal Lat(OSWCR): 33.92365
Decim Long(OSWCR): -118.35275
Data Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
5	SW	0.58	3,040.85	74.52	WATER WELLS

WCR No: WCR0279810
Location:
City:
County: Los Angeles
Decimal Latitude: 33.9237
Decimal Longitude: -118.353
Location(OSWCR):
City(OSWCR):
County(OSWCR): Los Angeles
Decimal Lat(OSWCR): 33.92365
Decim Long(OSWCR): -118.35275
Data Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
5	SW	0.58	3,040.85	74.52	WATER WELLS

WCR No: WCR0068405
Location:
City:
County: Los Angeles
Decimal Latitude: 33.9237
Decimal Longitude: -118.353
Location(OSWCR):
City(OSWCR):
County(OSWCR): Los Angeles
Decimal Lat(OSWCR): 33.92365
Decim Long(OSWCR): -118.35275
Data Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
5	SW	0.58	3,040.85	74.52	WATER WELLS

WCR No: WCR2014-010233
Location: 11402 Hawthorne Blvd

City:	Hawthorne
County:	Los Angeles
Decimal Latitude:	33.9237
Decimal Longitude:	-118.353
Location(OSWCR):	11402 Hawthorne Blvd
City(OSWCR):	Hawthorne
County(OSWCR):	Los Angeles
Decimal Lat(OSWCR):	33.92365
Decim Long(OSWCR):	-118.35275
Data Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
5	SW	0.58	3,040.85	74.52	WATER WELLS

WCR No:	WCR2014-010043
Location:	11402 Hawthorne Blvd
City:	Hawthorne
County:	Los Angeles
Decimal Latitude:	33.9237
Decimal Longitude:	-118.353
Location(OSWCR):	11402 Hawthorne Blvd
City(OSWCR):	Hawthorne
County(OSWCR):	Los Angeles
Decimal Lat(OSWCR):	33.92365
Decim Long(OSWCR):	-118.35275
Data Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
5	SW	0.58	3,040.85	74.52	WATER WELLS

WCR No:	WCR1968-001802
Location:	RAMONA AVE, HAWTHORNE BLVD, EL SEGUNDO B
City:	Hawthorne
County:	Los Angeles
Decimal Latitude:	33.9237
Decimal Longitude:	-118.353
Location(OSWCR):	RAMONA AVE, HAWTHORNE BLVD, EL SEGUNDO B
City(OSWCR):	Hawthorne
County(OSWCR):	Los Angeles
Decimal Lat(OSWCR):	33.92365
Decim Long(OSWCR):	-118.35275
Data Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
5	SW	0.58	3,040.85	74.52	WATER WELLS

WCR No: WCR1946-000946
Location: GREVILLEA AVE, EL SEGUNDO BLVD
City:
County: Los Angeles
Decimal Latitude: 33.9237
Decimal Longitude: -118.353
Location(OSWCR): GREVILLEA AVE, EL SEGUNDO BLVD
City(OSWCR):
County(OSWCR): Los Angeles
Decimal Lat(OSWCR): 33.92365
Decim Long(OSWCR): -118.35275
Data Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
5	SW	0.58	3,040.85	74.52	WATER WELLS

WCR No: WCR2014-010387
Location: 11402 Hawthorne Blvd
City: Hawthorne
County: Los Angeles
Decimal Latitude: 33.9237
Decimal Longitude: -118.353
Location(OSWCR): 11402 Hawthorne Blvd
City(OSWCR): Hawthorne
County(OSWCR): Los Angeles
Decimal Lat(OSWCR): 33.92365
Decim Long(OSWCR): -118.35275
Data Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
5	SW	0.58	3,040.85	74.52	WATER WELLS

WCR No: WCR0264904
Location:
City:
County: Los Angeles
Decimal Latitude: 33.9237
Decimal Longitude: -118.353
Location(OSWCR):
City(OSWCR):
County(OSWCR): Los Angeles
Decimal Lat(OSWCR): 33.92365

Decim Long(OSWCR): -118.35275
Data Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
5	SW	0.58	3,040.85	74.52	WATER WELLS

WCR No: WCR1905-000034
Location: BALLONA AVE, 3RD ST, 1ST ST, PRAIRIE AVE
City:
County: Los Angeles
Decimal Latitude: 33.9237
Decimal Longitude: -118.353
Location(OSWCR): BALLONA AVE, 3RD ST, 1ST ST, PRAIRIE AVE
City(OSWCR):
County(OSWCR): Los Angeles
Decimal Lat(OSWCR): 33.92365
Decim Long(OSWCR): -118.35275
Data Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
5	SW	0.58	3,040.85	74.52	WATER WELLS

WCR No: WCR0235142
Location:
City:
County: Los Angeles
Decimal Latitude: 33.9237
Decimal Longitude: -118.353
Location(OSWCR):
City(OSWCR):
County(OSWCR): Los Angeles
Decimal Lat(OSWCR): 33.92365
Decim Long(OSWCR): -118.35275
Data Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
5	SW	0.58	3,040.85	74.52	WATER WELLS

WCR No: WCR0043654
Location:
City:
County: Los Angeles
Decimal Latitude: 33.9237
Decimal Longitude: -118.353

Location(OSWCR):
City(OSWCR):
County(OSWCR): Los Angeles
Decimal Lat(OSWCR): 33.92365
Decim Long(OSWCR): -118.35275
Data Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
5	SW	0.58	3,040.85	74.52	WATER WELLS

WCR No: WCR0227289
Location:
City:
County: Los Angeles
Decimal Latitude: 33.9237
Decimal Longitude: -118.353
Location(OSWCR):
City(OSWCR):
County(OSWCR): Los Angeles
Decimal Lat(OSWCR): 33.92365
Decim Long(OSWCR): -118.35275
Data Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
5	SW	0.58	3,040.85	74.52	WATER WELLS

WCR No: WCR2014-010374
Location: 11402 Hawthorne Blvd
City: Hawthorne
County: Los Angeles
Decimal Latitude: 33.9237
Decimal Longitude: -118.353
Location(OSWCR): 11402 Hawthorne Blvd
City(OSWCR): Hawthorne
County(OSWCR): Los Angeles
Decimal Lat(OSWCR): 33.92365
Decim Long(OSWCR): -118.35275
Data Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
5	SW	0.58	3,040.85	74.52	WATER WELLS

WCR No: WCR2014-010045
Location: 11402 Hawthorne Blvd

City:	Hawthorne
County:	Los Angeles
Decimal Latitude:	33.9237
Decimal Longitude:	-118.353
Location(OSWCR):	11402 Hawthorne Blvd
City(OSWCR):	Hawthorne
County(OSWCR):	Los Angeles
Decimal Lat(OSWCR):	33.92365
Decim Long(OSWCR):	-118.35275
Data Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
5	SW	0.58	3,040.85	74.52	WATER WELLS

WCR No:	WCR2009-011074
Location:	11741 Hawthorne Blvd
City:	Hawthorne
County:	Los Angeles
Decimal Latitude:	33.9237
Decimal Longitude:	-118.353
Location(OSWCR):	11741 Hawthorne Blvd
City(OSWCR):	Hawthorne
County(OSWCR):	Los Angeles
Decimal Lat(OSWCR):	33.92365
Decim Long(OSWCR):	-118.35275
Data Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
5	SW	0.58	3,040.85	74.52	WATER WELLS

WCR No:	WCR2014-010239
Location:	11402 Hawthorne Blvd
City:	Hawthorne
County:	Los Angeles
Decimal Latitude:	33.9237
Decimal Longitude:	-118.353
Location(OSWCR):	11402 Hawthorne Blvd
City(OSWCR):	Hawthorne
County(OSWCR):	Los Angeles
Decimal Lat(OSWCR):	33.92365
Decim Long(OSWCR):	-118.35275
Data Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
5	SW	0.58	3,040.85	74.52	WATER WELLS

WCR No: WCR0197363
Location:
City:
County: Los Angeles
Decimal Latitude: 33.9237
Decimal Longitude: -118.353
Location(OSWCR):
City(OSWCR):
County(OSWCR): Los Angeles
Decimal Lat(OSWCR): 33.92365
Decim Long(OSWCR): -118.35275
Data Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
5	SW	0.58	3,040.85	74.52	WATER WELLS

WCR No: WCR2014-010225
Location: 11402 Hawthorne Blvd
City: Hawthorne
County: Los Angeles
Decimal Latitude: 33.9237
Decimal Longitude: -118.353
Location(OSWCR): 11402 Hawthorne Blvd
City(OSWCR): Hawthorne
County(OSWCR): Los Angeles
Decimal Lat(OSWCR): 33.92365
Decim Long(OSWCR): -118.35275
Data Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
5	SW	0.58	3,040.85	74.52	WATER WELLS

WCR No: WCR2014-010039
Location: 11402 Hawthorne Blvd
City: Hawthorne
County: Los Angeles
Decimal Latitude: 33.9237
Decimal Longitude: -118.353
Location(OSWCR): 11402 Hawthorne Blvd
City(OSWCR): Hawthorne
County(OSWCR): Los Angeles
Decimal Lat(OSWCR): 33.92365

Decim Long(OSWCR): -118.35275
Data Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
5	SW	0.58	3,040.85	74.52	WATER WELLS

WCR No: WCR2014-010243
Location: 11402 Hawthorne Blvd
City: Hawthorne
County: Los Angeles
Decimal Latitude: 33.9237
Decimal Longitude: -118.353
Location(OSWCR): 11402 Hawthorne Blvd
City(OSWCR): Hawthorne
County(OSWCR): Los Angeles
Decimal Lat(OSWCR): 33.92365
Decim Long(OSWCR): -118.35275
Data Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
5	SW	0.58	3,040.85	74.52	WATER WELLS

WCR No: WCR0235143
Location:
City:
County: Los Angeles
Decimal Latitude: 33.9237
Decimal Longitude: -118.353
Location(OSWCR):
City(OSWCR):
County(OSWCR): Los Angeles
Decimal Lat(OSWCR): 33.92365
Decim Long(OSWCR): -118.35275
Data Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
5	SW	0.58	3,040.85	74.52	WATER WELLS

WCR No: WCR2014-010230
Location: 11402 Hawthorne Blvd
City: Hawthorne
County: Los Angeles
Decimal Latitude: 33.9237
Decimal Longitude: -118.353

Wells and Additional Sources Detail Report

Location(OSWCR):	11402 Hawthorne Blvd
City(OSWCR):	Hawthorne
County(OSWCR):	Los Angeles
Decimal Lat(OSWCR):	33.92365
Decim Long(OSWCR):	-118.35275
Data Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
5	SW	0.58	3,040.85	74.52	WATER WELLS

WCR No:	WCR0227290
Location:	
City:	
County:	Los Angeles
Decimal Latitude:	33.9237
Decimal Longitude:	-118.353
Location(OSWCR):	
City(OSWCR):	
County(OSWCR):	Los Angeles
Decimal Lat(OSWCR):	33.92365
Decim Long(OSWCR):	-118.35275
Data Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
5	SW	0.58	3,040.85	74.52	WATER WELLS

WCR No:	WCR0238091
Location:	
City:	
County:	Los Angeles
Decimal Latitude:	33.9237
Decimal Longitude:	-118.353
Location(OSWCR):	
City(OSWCR):	
County(OSWCR):	Los Angeles
Decimal Lat(OSWCR):	33.92365
Decim Long(OSWCR):	-118.35275
Data Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
5	SW	0.58	3,040.85	74.52	WATER WELLS

WCR No:	WCR0264903
Location:	

City:
County: Los Angeles
Decimal Latitude: 33.9237
Decimal Longitude: -118.353
Location(OSWCR):
City(OSWCR):
County(OSWCR): Los Angeles
Decimal Lat(OSWCR): 33.92365
Decim Long(OSWCR): -118.35275
Data Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
5	SW	0.58	3,040.85	74.52	WATER WELLS

WCR No: WCR0073684
Location:
City:
County: Los Angeles
Decimal Latitude: 33.9237
Decimal Longitude: -118.353
Location(OSWCR):
City(OSWCR):
County(OSWCR): Los Angeles
Decimal Lat(OSWCR): 33.92365
Decim Long(OSWCR): -118.35275
Data Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
5	SW	0.58	3,040.85	74.52	WATER WELLS

WCR No: WCR0197068
Location:
City:
County: Los Angeles
Decimal Latitude: 33.9237
Decimal Longitude: -118.353
Location(OSWCR):
City(OSWCR):
County(OSWCR): Los Angeles
Decimal Lat(OSWCR): 33.92365
Decim Long(OSWCR): -118.35275
Data Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
5	SW	0.58	3,040.85	74.52	WATER WELLS

WCR No: WCR2014-010245
Location: 11402 Hawthorne Blvd
City: Hawthorne
County: Los Angeles
Decimal Latitude: 33.9237
Decimal Longitude: -118.353
Location(OSWCR): 11402 Hawthorne Blvd
City(OSWCR): Hawthorne
County(OSWCR): Los Angeles
Decimal Lat(OSWCR): 33.92365
Decim Long(OSWCR): -118.35275
Data Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
5	SW	0.58	3,040.85	74.52	WATER WELLS

WCR No: WCR2014-010240
Location: 11402 Hawthorne Blvd
City: Hawthorne
County: Los Angeles
Decimal Latitude: 33.9237
Decimal Longitude: -118.353
Location(OSWCR): 11402 Hawthorne Blvd
City(OSWCR): Hawthorne
County(OSWCR): Los Angeles
Decimal Lat(OSWCR): 33.92365
Decim Long(OSWCR): -118.35275
Data Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
5	SW	0.58	3,040.85	74.52	WATER WELLS

WCR No: WCR2014-010232
Location: 11402 Hawthorne Blvd
City: Hawthorne
County: Los Angeles
Decimal Latitude: 33.9237
Decimal Longitude: -118.353
Location(OSWCR): 11402 Hawthorne Blvd
City(OSWCR): Hawthorne
County(OSWCR): Los Angeles
Decimal Lat(OSWCR): 33.92365

Decim Long(OSWCR): -118.35275
Data Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
5	SW	0.58	3,040.85	74.52	WATER WELLS

WCR No: WCR0299892
Location:
City:
County: Los Angeles
Decimal Latitude: 33.9237
Decimal Longitude: -118.353
Location(OSWCR):
City(OSWCR):
County(OSWCR): Los Angeles
Decimal Lat(OSWCR): 33.92365
Decim Long(OSWCR): -118.35275
Data Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
5	SW	0.58	3,040.85	74.52	WATER WELLS

WCR No: WCR0281097
Location:
City:
County: Los Angeles
Decimal Latitude: 33.9237
Decimal Longitude: -118.353
Location(OSWCR):
City(OSWCR):
County(OSWCR): Los Angeles
Decimal Lat(OSWCR): 33.92365
Decim Long(OSWCR): -118.35275
Data Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
5	SW	0.58	3,040.85	74.52	WATER WELLS

WCR No: WCR1949-000528
Location: RAMONA AVE, BRDWAY AVE
City:
County: Los Angeles
Decimal Latitude: 33.9237
Decimal Longitude: -118.353

Location(OSWCR): RAMONA AVE, BRDWAY AVE
City(OSWCR):
County(OSWCR): Los Angeles
Decimal Lat(OSWCR): 33.92365
Decim Long(OSWCR): -118.35275
Data Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
5	SW	0.58	3,040.85	74.52	WATER WELLS

WCR No: WCR0099664
Location:
City:
County: Los Angeles
Decimal Latitude: 33.9237
Decimal Longitude: -118.353
Location(OSWCR):
City(OSWCR):
County(OSWCR): Los Angeles
Decimal Lat(OSWCR): 33.92365
Decim Long(OSWCR): -118.35275
Data Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
5	SW	0.58	3,040.85	74.52	WATER WELLS

WCR No: WCR1939-000187
Location: BRDWAY, EUCALYPTUS AVE
City: Inglewood
County: Los Angeles
Decimal Latitude: 33.9237
Decimal Longitude: -118.353
Location(OSWCR): BRDWAY, EUCALYPTUS AVE
City(OSWCR): Inglewood
County(OSWCR): Los Angeles
Decimal Lat(OSWCR): 33.92365
Decim Long(OSWCR): -118.35275
Data Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
5	SW	0.58	3,040.85	74.52	WATER WELLS

WCR No: WCR2009-011073
Location: 11741 Hawthorne Blvd

City:	Hawthorne
County:	Los Angeles
Decimal Latitude:	33.9237
Decimal Longitude:	-118.353
Location(OSWCR):	11741 Hawthorne Blvd
City(OSWCR):	Hawthorne
County(OSWCR):	Los Angeles
Decimal Lat(OSWCR):	33.92365
Decim Long(OSWCR):	-118.35275
Data Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
5	SW	0.58	3,040.85	74.52	WATER WELLS

WCR No:	WCR0144121
Location:	
City:	
County:	Los Angeles
Decimal Latitude:	33.9237
Decimal Longitude:	-118.353
Location(OSWCR):	
City(OSWCR):	
County(OSWCR):	Los Angeles
Decimal Lat(OSWCR):	33.92365
Decim Long(OSWCR):	-118.35275
Data Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
5	SW	0.58	3,040.85	74.52	WATER WELLS

WCR No:	WCR2014-010235
Location:	11402 Hawthorne Blvd
City:	Hawthorne
County:	Los Angeles
Decimal Latitude:	33.9237
Decimal Longitude:	-118.353
Location(OSWCR):	11402 Hawthorne Blvd
City(OSWCR):	Hawthorne
County(OSWCR):	Los Angeles
Decimal Lat(OSWCR):	33.92365
Decim Long(OSWCR):	-118.35275
Data Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
5	SW	0.58	3,040.85	74.52	WATER WELLS

WCR No: WCR0062033
Location:
City:
County: Los Angeles
Decimal Latitude: 33.9237
Decimal Longitude: -118.353
Location(OSWCR):
City(OSWCR):
County(OSWCR): Los Angeles
Decimal Lat(OSWCR): 33.92365
Decim Long(OSWCR): -118.35275
Data Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
5	SW	0.58	3,040.85	74.52	WATER WELLS

WCR No: WCR0151650
Location:
City:
County: Los Angeles
Decimal Latitude: 33.9237
Decimal Longitude: -118.353
Location(OSWCR):
City(OSWCR):
County(OSWCR): Los Angeles
Decimal Lat(OSWCR): 33.92365
Decim Long(OSWCR): -118.35275
Data Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
5	SW	0.58	3,040.85	74.52	WATER WELLS

WCR No: WCR0280086
Location:
City:
County: Los Angeles
Decimal Latitude: 33.9237
Decimal Longitude: -118.353
Location(OSWCR):
City(OSWCR):
County(OSWCR): Los Angeles
Decimal Lat(OSWCR): 33.92365

Decim Long(OSWCR): -118.35275
Data Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
5	SW	0.58	3,040.85	74.52	WATER WELLS

WCR No: WCR2014-010223
Location: 11402 Hawthorne Blvd
City: Hawthorne
County: Los Angeles
Decimal Latitude: 33.9237
Decimal Longitude: -118.353
Location(OSWCR): 11402 Hawthorne Blvd
City(OSWCR): Hawthorne
County(OSWCR): Los Angeles
Decimal Lat(OSWCR): 33.92365
Decim Long(OSWCR): -118.35275
Data Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
5	SW	0.58	3,040.85	74.52	WATER WELLS

WCR No: WCR2014-010044
Location: 11402 Hawthorne Blvd
City: Hawthorne
County: Los Angeles
Decimal Latitude: 33.9237
Decimal Longitude: -118.353
Location(OSWCR): 11402 Hawthorne Blvd
City(OSWCR): Hawthorne
County(OSWCR): Los Angeles
Decimal Lat(OSWCR): 33.92365
Decim Long(OSWCR): -118.35275
Data Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
5	SW	0.58	3,040.85	74.52	WATER WELLS

WCR No: WCR0299890
Location:
City:
County: Los Angeles
Decimal Latitude: 33.9237
Decimal Longitude: -118.353

Location(OSWCR):
City(OSWCR):
County(OSWCR): Los Angeles
Decimal Lat(OSWCR): 33.92365
Decim Long(OSWCR): -118.35275
Data Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
5	SW	0.58	3,040.85	74.52	WATER WELLS

WCR No: WCR0186916
Location:
City:
County: Los Angeles
Decimal Latitude: 33.9237
Decimal Longitude: -118.353
Location(OSWCR):
City(OSWCR):
County(OSWCR): Los Angeles
Decimal Lat(OSWCR): 33.92365
Decim Long(OSWCR): -118.35275
Data Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
5	SW	0.58	3,040.85	74.52	WATER WELLS

WCR No: WCR0208420
Location:
City:
County: Los Angeles
Decimal Latitude: 33.9237
Decimal Longitude: -118.353
Location(OSWCR):
City(OSWCR):
County(OSWCR): Los Angeles
Decimal Lat(OSWCR): 33.92365
Decim Long(OSWCR): -118.35275
Data Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
5	SW	0.58	3,040.85	74.52	WATER WELLS

WCR No: WCR0053933
Location:

City:
County: Los Angeles
Decimal Latitude: 33.9237
Decimal Longitude: -118.353
Location(OSWCR):
City(OSWCR):
County(OSWCR): Los Angeles
Decimal Lat(OSWCR): 33.92365
Decim Long(OSWCR): -118.35275
Data Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
5	SW	0.58	3,040.85	74.52	WATER WELLS

WCR No: WCR2014-010375
Location: 11402 Hawthorne Blvd
City: Hawthorne
County: Los Angeles
Decimal Latitude: 33.9237
Decimal Longitude: -118.353
Location(OSWCR): 11402 Hawthorne Blvd
City(OSWCR): Hawthorne
County(OSWCR): Los Angeles
Decimal Lat(OSWCR): 33.92365
Decim Long(OSWCR): -118.35275
Data Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
5	SW	0.58	3,040.85	74.52	WATER WELLS

WCR No: WCR1968-001803
Location: RAMONA AVE, HAWTHORNE BLVD, EL SEGUNDO B
City:
County: Los Angeles
Decimal Latitude: 33.9237
Decimal Longitude: -118.353
Location(OSWCR): RAMONA AVE, HAWTHORNE BLVD, EL SEGUNDO B
City(OSWCR):
County(OSWCR): Los Angeles
Decimal Lat(OSWCR): 33.92365
Decim Long(OSWCR): -118.35275
Data Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
5	SW	0.58	3,040.85	74.52	WATER WELLS

WCR No: WCR0166345
Location:
City:
County: Los Angeles
Decimal Latitude: 33.9237
Decimal Longitude: -118.353
Location(OSWCR):
City(OSWCR):
County(OSWCR): Los Angeles
Decimal Lat(OSWCR): 33.92365
Decim Long(OSWCR): -118.35275
Data Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
5	SW	0.58	3,040.85	74.52	WATER WELLS

WCR No: WCR0241212
Location:
City:
County: Los Angeles
Decimal Latitude: 33.9237
Decimal Longitude: -118.353
Location(OSWCR):
City(OSWCR):
County(OSWCR): Los Angeles
Decimal Lat(OSWCR): 33.92365
Decim Long(OSWCR): -118.35275
Data Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
5	SW	0.58	3,040.85	74.52	WATER WELLS

WCR No: WCR2009-011075
Location: 11741 Hawthorne Blvd
City: Hawthorne
County: Los Angeles
Decimal Latitude: 33.9237
Decimal Longitude: -118.353
Location(OSWCR): 11741 Hawthorne Blvd
City(OSWCR): Hawthorne
County(OSWCR): Los Angeles
Decimal Lat(OSWCR): 33.92365

Decim Long(OSWCR): -118.35275
Data Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
5	SW	0.58	3,040.85	74.52	WATER WELLS

WCR No: WCR0151651
Location:
City:
County: Los Angeles
Decimal Latitude: 33.9237
Decimal Longitude: -118.353
Location(OSWCR):
City(OSWCR):
County(OSWCR): Los Angeles
Decimal Lat(OSWCR): 33.92365
Decim Long(OSWCR): -118.35275
Data Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
5	SW	0.58	3,040.85	74.52	WATER WELLS

WCR No: WCR2014-010046
Location: 11402 Hawthorne Blvd
City: Hawthorne
County: Los Angeles
Decimal Latitude: 33.9237
Decimal Longitude: -118.353
Location(OSWCR): 11402 Hawthorne Blvd
City(OSWCR): Hawthorne
County(OSWCR): Los Angeles
Decimal Lat(OSWCR): 33.92365
Decim Long(OSWCR): -118.35275
Data Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
5	SW	0.58	3,040.85	74.52	WATER WELLS

WCR No: WCR2012-008883
Location: 11741 Hawthorne Blvd
City: Hawthorne
County: Los Angeles
Decimal Latitude: 33.9237
Decimal Longitude: -118.353

Wells and Additional Sources Detail Report

Location(OSWCR):	11741 Hawthorne Blvd
City(OSWCR):	Hawthorne
County(OSWCR):	Los Angeles
Decimal Lat(OSWCR):	33.92365
Decim Long(OSWCR):	-118.35275
Data Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
5	SW	0.58	3,040.85	74.52	WATER WELLS

WCR No:	WCR0299891
Location:	
City:	
County:	Los Angeles
Decimal Latitude:	33.9237
Decimal Longitude:	-118.353
Location(OSWCR):	
City(OSWCR):	
County(OSWCR):	Los Angeles
Decimal Lat(OSWCR):	33.92365
Decim Long(OSWCR):	-118.35275
Data Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
5	SW	0.58	3,040.85	74.52	WATER WELLS

WCR No:	WCR1905-000067
Location:	BALLONA AVE, EAST OF HAWTHORNE
City:	
County:	Los Angeles
Decimal Latitude:	33.9237
Decimal Longitude:	-118.353
Location(OSWCR):	BALLONA AVE, EAST OF HAWTHORNE
City(OSWCR):	
County(OSWCR):	Los Angeles
Decimal Lat(OSWCR):	33.92365
Decim Long(OSWCR):	-118.35275
Data Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
5	SW	0.58	3,040.85	74.52	WATER WELLS

WCR No:	WCR0069274
Location:	

City:
County: Los Angeles
Decimal Latitude: 33.9237
Decimal Longitude: -118.353
Location(OSWCR):
City(OSWCR):
County(OSWCR): Los Angeles
Decimal Lat(OSWCR): 33.92365
Decim Long(OSWCR): -118.35275
Data Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
5	SW	0.58	3,040.85	74.52	WATER WELLS

WCR No: WCR1927-000461
Location: BALLONA, EL SEGUNDO, RAMONA ST
City: Hawthorne
County: Los Angeles
Decimal Latitude: 33.9237
Decimal Longitude: -118.353
Location(OSWCR): BALLONA, EL SEGUNDO, RAMONA ST
City(OSWCR): Hawthorne
County(OSWCR): Los Angeles
Decimal Lat(OSWCR): 33.92365
Decim Long(OSWCR): -118.35275
Data Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
5	SW	0.58	3,040.85	74.52	WATER WELLS

WCR No: WCR2014-010228
Location: 11402 Hawthorne Blvd
City: Hawthorne
County: Los Angeles
Decimal Latitude: 33.9237
Decimal Longitude: -118.353
Location(OSWCR): 11402 Hawthorne Blvd
City(OSWCR): Hawthorne
County(OSWCR): Los Angeles
Decimal Lat(OSWCR): 33.92365
Decim Long(OSWCR): -118.35275
Data Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
5	SW	0.58	3,040.85	74.52	WATER WELLS

WCR No:	WCR2014-010248
Location:	11402 Hawthorne Blvd
City:	Hawthorne
County:	Los Angeles
Decimal Latitude:	33.9237
Decimal Longitude:	-118.353
Location(OSWCR):	11402 Hawthorne Blvd
City(OSWCR):	Hawthorne
County(OSWCR):	Los Angeles
Decimal Lat(OSWCR):	33.92365
Decim Long(OSWCR):	-118.35275
Data Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
5	SW	0.58	3,040.85	74.52	WATER WELLS

WCR No:	WCR0322016
Location:	
City:	
County:	Los Angeles
Decimal Latitude:	33.9237
Decimal Longitude:	-118.353
Location(OSWCR):	
City(OSWCR):	
County(OSWCR):	Los Angeles
Decimal Lat(OSWCR):	33.92365
Decim Long(OSWCR):	-118.35275
Data Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
5	SW	0.58	3,040.85	74.52	WATER WELLS

WCR No:	WCR2014-010238
Location:	11402 Hawthorne Blvd
City:	Hawthorne
County:	Los Angeles
Decimal Latitude:	33.9237
Decimal Longitude:	-118.353
Location(OSWCR):	11402 Hawthorne Blvd
City(OSWCR):	Hawthorne
County(OSWCR):	Los Angeles
Decimal Lat(OSWCR):	33.92365

Decim Long(OSWCR): -118.35275
Data Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
5	SW	0.58	3,040.85	74.52	WATER WELLS

WCR No: WCR1924-000408
Location: BALLONA, EL SEGUNDO, RAMONA ST
City: Hawthorne
County: Los Angeles
Decimal Latitude: 33.9237
Decimal Longitude: -118.353
Location(OSWCR): BALLONA, EL SEGUNDO, RAMONA ST
City(OSWCR): Hawthorne
County(OSWCR): Los Angeles
Decimal Lat(OSWCR): 33.92365
Decim Long(OSWCR): -118.35275
Data Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
5	SW	0.58	3,040.85	74.52	WATER WELLS

WCR No: WCR0008952
Location:
City:
County: Los Angeles
Decimal Latitude: 33.9237
Decimal Longitude: -118.353
Location(OSWCR):
City(OSWCR):
County(OSWCR): Los Angeles
Decimal Lat(OSWCR): 33.92365
Decim Long(OSWCR): -118.35275
Data Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
5	SW	0.58	3,040.85	74.52	WATER WELLS

WCR No: WCR1941-000613
Location: INGLEWOOD, BROADWAY, RAMONA AVE
City: Hawthorne
County: Los Angeles
Decimal Latitude: 33.9237
Decimal Longitude: -118.353

Location(OSWCR): INGLEWOOD, BROADWAY, RAMONA AVE
City(OSWCR): Hawthorne
County(OSWCR): Los Angeles
Decimal Lat(OSWCR): 33.92365
Decim Long(OSWCR): -118.35275
Data Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
5	SW	0.58	3,040.85	74.52	WATER WELLS

WCR No: WCR0227183
Location:
City:
County: Los Angeles
Decimal Latitude: 33.9237
Decimal Longitude: -118.353
Location(OSWCR):
City(OSWCR):
County(OSWCR): Los Angeles
Decimal Lat(OSWCR): 33.92365
Decim Long(OSWCR): -118.35275
Data Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
5	SW	0.58	3,040.85	74.52	WATER WELLS

WCR No: WCR0152309
Location:
City:
County: Los Angeles
Decimal Latitude: 33.9237
Decimal Longitude: -118.353
Location(OSWCR):
City(OSWCR):
County(OSWCR): Los Angeles
Decimal Lat(OSWCR): 33.92365
Decim Long(OSWCR): -118.35275
Data Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
5	SW	0.58	3,040.85	74.52	WATER WELLS

WCR No: WCR0163820
Location:

City:
County: Los Angeles
Decimal Latitude: 33.9237
Decimal Longitude: -118.353
Location(OSWCR):
City(OSWCR):
County(OSWCR): Los Angeles
Decimal Lat(OSWCR): 33.92365
Decim Long(OSWCR): -118.35275
Data Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
5	SW	0.58	3,040.85	74.52	WATER WELLS

WCR No: WCR1947-001191
Location: Hawthorne Blvd, EL SEGUNDO BLVD
City:
County: Los Angeles
Decimal Latitude: 33.9237
Decimal Longitude: -118.353
Location(OSWCR): Hawthorne Blvd, EL SEGUNDO BLVD
City(OSWCR):
County(OSWCR): Los Angeles
Decimal Lat(OSWCR): 33.92365
Decim Long(OSWCR): -118.35275
Data Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
5	SW	0.58	3,040.85	74.52	WATER WELLS

WCR No: WCR0151649
Location:
City:
County: Los Angeles
Decimal Latitude: 33.9237
Decimal Longitude: -118.353
Location(OSWCR):
City(OSWCR):
County(OSWCR): Los Angeles
Decimal Lat(OSWCR): 33.92365
Decim Long(OSWCR): -118.35275
Data Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
5	SW	0.58	3,040.85	74.52	WATER WELLS

WCR No: WCR2014-010385
Location: 11402 Hawthorne Blvd
City: Hawthorne
County: Los Angeles
Decimal Latitude: 33.9237
Decimal Longitude: -118.353
Location(OSWCR): 11402 Hawthorne Blvd
City(OSWCR): Hawthorne
County(OSWCR): Los Angeles
Decimal Lat(OSWCR): 33.92365
Decim Long(OSWCR): -118.35275
Data Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
5	SW	0.58	3,040.85	74.52	WATER WELLS

WCR No: WCR1921-000280
Location: HAWTHORNE, TRURO AVE, 118TH ST
City:
County: Los Angeles
Decimal Latitude: 33.9237
Decimal Longitude: -118.353
Location(OSWCR): HAWTHORNE, TRURO AVE, 118TH ST
City(OSWCR):
County(OSWCR): Los Angeles
Decimal Lat(OSWCR): 33.92365
Decim Long(OSWCR): -118.35275
Data Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
5	SW	0.58	3,040.85	74.52	WATER WELLS

WCR No: WCR0016206
Location:
City:
County: Los Angeles
Decimal Latitude: 33.9237
Decimal Longitude: -118.353
Location(OSWCR):
City(OSWCR):
County(OSWCR): Los Angeles
Decimal Lat(OSWCR): 33.92365

Decim Long(OSWCR): -118.35275
Data Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
5	SW	0.58	3,040.85	74.52	WATER WELLS

WCR No: WCR1954-002054
Location: EL SEGUNDO BLVD, HAWTHORNE BLVD
City:
County: Los Angeles
Decimal Latitude: 33.9237
Decimal Longitude: -118.353
Location(OSWCR): EL SEGUNDO BLVD, HAWTHORNE BLVD
City(OSWCR):
County(OSWCR): Los Angeles
Decimal Lat(OSWCR): 33.92365
Decim Long(OSWCR): -118.35275
Data Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
5	SW	0.58	3,040.85	74.52	WATER WELLS

WCR No: WCR2014-010384
Location: 11402 Hawthorne Blvd
City: Hawthorne
County: Los Angeles
Decimal Latitude: 33.9237
Decimal Longitude: -118.353
Location(OSWCR): 11402 Hawthorne Blvd
City(OSWCR): Hawthorne
County(OSWCR): Los Angeles
Decimal Lat(OSWCR): 33.92365
Decim Long(OSWCR): -118.35275
Data Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
5	SW	0.58	3,040.85	74.52	WATER WELLS

WCR No: WCR2014-010386
Location: 11402 Hawthorne Blvd
City: Hawthorne
County: Los Angeles
Decimal Latitude: 33.9237
Decimal Longitude: -118.353

Location(OSWCR): 11402 Hawthorne Blvd
City(OSWCR): Hawthorne
County(OSWCR): Los Angeles
Decimal Lat(OSWCR): 33.92365
Decim Long(OSWCR): -118.35275
Data Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
5	SW	0.58	3,040.85	74.52	WATER WELLS

WCR No: WCR0133227
Location:
City:
County: Los Angeles
Decimal Latitude: 33.9237
Decimal Longitude: -118.353
Location(OSWCR):
City(OSWCR):
County(OSWCR): Los Angeles
Decimal Lat(OSWCR): 33.92365
Decim Long(OSWCR): -118.35275
Data Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
5	SW	0.58	3,040.85	74.52	WATER WELLS

WCR No: WCR0058645
Location:
City:
County: Los Angeles
Decimal Latitude: 33.9237
Decimal Longitude: -118.353
Location(OSWCR):
City(OSWCR):
County(OSWCR): Los Angeles
Decimal Lat(OSWCR): 33.92365
Decim Long(OSWCR): -118.35275
Data Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
5	SW	0.58	3,040.85	74.52	WATER WELLS

WCR No: WCR2014-010380
Location: 11402 Hawthorne Blvd

City:	Hawthorne
County:	Los Angeles
Decimal Latitude:	33.9237
Decimal Longitude:	-118.353
Location(OSWCR):	11402 Hawthorne Blvd
City(OSWCR):	Hawthorne
County(OSWCR):	Los Angeles
Decimal Lat(OSWCR):	33.92365
Decim Long(OSWCR):	-118.35275
Data Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
5	SW	0.58	3,040.85	74.52	WATER WELLS

WCR No:	WCR2006-011045
Location:	4500 116th Street
City:	Hawthorne
County:	Los Angeles
Decimal Latitude:	33.9237
Decimal Longitude:	-118.353
Location(OSWCR):	4500 116th Street
City(OSWCR):	Hawthorne
County(OSWCR):	Los Angeles
Decimal Lat(OSWCR):	33.92365
Decim Long(OSWCR):	-118.35275
Data Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
5	SW	0.58	3,040.85	74.52	WATER WELLS

WCR No:	WCR2014-010242
Location:	11402 Hawthorne Blvd
City:	Hawthorne
County:	Los Angeles
Decimal Latitude:	33.9237
Decimal Longitude:	-118.353
Location(OSWCR):	11402 Hawthorne Blvd
City(OSWCR):	Hawthorne
County(OSWCR):	Los Angeles
Decimal Lat(OSWCR):	33.92365
Decim Long(OSWCR):	-118.35275
Data Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
5	SW	0.58	3,040.85	74.52	WATER WELLS

WCR No:	WCR2014-010234
Location:	11402 Hawthorne Blvd
City:	Hawthorne
County:	Los Angeles
Decimal Latitude:	33.9237
Decimal Longitude:	-118.353
Location(OSWCR):	11402 Hawthorne Blvd
City(OSWCR):	Hawthorne
County(OSWCR):	Los Angeles
Decimal Lat(OSWCR):	33.92365
Decim Long(OSWCR):	-118.35275
Data Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
5	SW	0.58	3,040.85	74.52	WATER WELLS

WCR No:	WCR0139986
Location:	
City:	
County:	Los Angeles
Decimal Latitude:	33.9237
Decimal Longitude:	-118.353
Location(OSWCR):	
City(OSWCR):	
County(OSWCR):	Los Angeles
Decimal Lat(OSWCR):	33.92365
Decim Long(OSWCR):	-118.35275
Data Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
5	SW	0.58	3,040.85	74.52	WATER WELLS

WCR No:	WCR2014-010227
Location:	11402 Hawthorne Blvd
City:	Hawthorne
County:	Los Angeles
Decimal Latitude:	33.9237
Decimal Longitude:	-118.353
Location(OSWCR):	11402 Hawthorne Blvd
City(OSWCR):	Hawthorne
County(OSWCR):	Los Angeles
Decimal Lat(OSWCR):	33.92365

Decim Long(OSWCR): -118.35275
Data Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
5	SW	0.58	3,040.85	74.52	WATER WELLS

WCR No: WCR1949-001013
Location: RAMONA AVENUE, BROADWAY AVENUE
City: Hawthorne
County: Los Angeles
Decimal Latitude: 33.9237
Decimal Longitude: -118.353
Location(OSWCR): RAMONA AVENUE, BROADWAY AVENUE
City(OSWCR): Hawthorne
County(OSWCR): Los Angeles
Decimal Lat(OSWCR): 33.92365
Decim Long(OSWCR): -118.35275
Data Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
5	SW	0.58	3,040.85	74.52	WATER WELLS

WCR No: WCR1939-000318
Location: INGLEWOOD, BROADWAY, EUCALYPTUS AVE
City: Hawthorne
County: Los Angeles
Decimal Latitude: 33.9237
Decimal Longitude: -118.353
Location(OSWCR): INGLEWOOD, BROADWAY, EUCALYPTUS AVE
City(OSWCR): Hawthorne
County(OSWCR): Los Angeles
Decimal Lat(OSWCR): 33.92365
Decim Long(OSWCR): -118.35275
Data Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
5	SW	0.58	3,040.85	74.52	WATER WELLS

WCR No: WCR1946-000714
Location: GREVILLEA AVE, EL SEGUNDO BLVD
City:
County: Los Angeles
Decimal Latitude: 33.9237
Decimal Longitude: -118.353

Location(OSWCR): GREVILLEA AVE, EL SEGUNDO BLVD
City(OSWCR):
County(OSWCR): Los Angeles
Decimal Lat(OSWCR): 33.92365
Decim Long(OSWCR): -118.35275
Data Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
5	SW	0.58	3,040.85	74.52	WATER WELLS

WCR No: WCR2014-010247
Location: 11402 Hawthorne Blvd
City: Hawthorne
County: Los Angeles
Decimal Latitude: 33.9237
Decimal Longitude: -118.353
Location(OSWCR): 11402 Hawthorne Blvd
City(OSWCR): Hawthorne
County(OSWCR): Los Angeles
Decimal Lat(OSWCR): 33.92365
Decim Long(OSWCR): -118.35275
Data Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
5	SW	0.58	3,040.85	74.52	WATER WELLS

WCR No: WCR2014-010373
Location: 11402 Hawthorne Blvd
City: Hawthorne
County: Los Angeles
Decimal Latitude: 33.9237
Decimal Longitude: -118.353
Location(OSWCR): 11402 Hawthorne Blvd
City(OSWCR): Hawthorne
County(OSWCR): Los Angeles
Decimal Lat(OSWCR): 33.92365
Decim Long(OSWCR): -118.35275
Data Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
5	SW	0.58	3,040.85	74.52	WATER WELLS

WCR No: WCR0223872
Location:

City:
County: Los Angeles
Decimal Latitude: 33.9237
Decimal Longitude: -118.353
Location(OSWCR):
City(OSWCR):
County(OSWCR): Los Angeles
Decimal Lat(OSWCR): 33.92365
Decim Long(OSWCR): -118.35275
Data Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
5	SW	0.58	3,040.85	74.52	WATER WELLS

WCR No: WCR0264905
Location:
City:
County: Los Angeles
Decimal Latitude: 33.9237
Decimal Longitude: -118.353
Location(OSWCR):
City(OSWCR):
County(OSWCR): Los Angeles
Decimal Lat(OSWCR): 33.92365
Decim Long(OSWCR): -118.35275
Data Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
5	SW	0.58	3,040.85	74.52	WATER WELLS

WCR No: WCR0166344
Location:
City:
County: Los Angeles
Decimal Latitude: 33.9237
Decimal Longitude: -118.353
Location(OSWCR):
City(OSWCR):
County(OSWCR): Los Angeles
Decimal Lat(OSWCR): 33.92365
Decim Long(OSWCR): -118.35275
Data Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
5	SW	0.58	3,040.85	74.52	WATER WELLS

WCR No: WCR0131096
Location:
City:
County: Los Angeles
Decimal Latitude: 33.9237
Decimal Longitude: -118.353
Location(OSWCR):
City(OSWCR):
County(OSWCR): Los Angeles
Decimal Lat(OSWCR): 33.92365
Decim Long(OSWCR): -118.35275
Data Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
5	SW	0.58	3,040.85	74.52	WATER WELLS

WCR No: WCR0060346
Location:
City:
County: Los Angeles
Decimal Latitude: 33.9237
Decimal Longitude: -118.353
Location(OSWCR):
City(OSWCR):
County(OSWCR): Los Angeles
Decimal Lat(OSWCR): 33.92365
Decim Long(OSWCR): -118.35275
Data Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
5	SW	0.58	3,040.85	74.52	WATER WELLS

WCR No: WCR0177650
Location:
City:
County: Los Angeles
Decimal Latitude: 33.9237
Decimal Longitude: -118.353
Location(OSWCR):
City(OSWCR):
County(OSWCR): Los Angeles
Decimal Lat(OSWCR): 33.92365

Decim Long(OSWCR): -118.35275
Data Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
5	SW	0.58	3,040.85	74.52	WATER WELLS

WCR No: WCR2008-011928
Location: 4755 Imperial Highway
City: Lennox
County: Los Angeles
Decimal Latitude: 33.9237
Decimal Longitude: -118.353
Location(OSWCR): 4755 Imperial Highway
City(OSWCR): Lennox
County(OSWCR): Los Angeles
Decimal Lat(OSWCR): 33.92365
Decim Long(OSWCR): -118.35275
Data Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
5	SW	0.58	3,040.85	74.52	WATER WELLS

WCR No: WCR0268738
Location:
City:
County: Los Angeles
Decimal Latitude: 33.9237
Decimal Longitude: -118.353
Location(OSWCR):
City(OSWCR):
County(OSWCR): Los Angeles
Decimal Lat(OSWCR): 33.92365
Decim Long(OSWCR): -118.35275
Data Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
5	SW	0.58	3,040.85	74.52	WATER WELLS

WCR No: WCR0281098
Location:
City:
County: Los Angeles
Decimal Latitude: 33.9237
Decimal Longitude: -118.353

Location(OSWCR):
City(OSWCR):
County(OSWCR): Los Angeles
Decimal Lat(OSWCR): 33.92365
Decim Long(OSWCR): -118.35275
Data Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
5	SW	0.58	3,040.85	74.52	WATER WELLS

WCR No: WCR1921-000106
Location: TRURO AVE, 118TH ST
City: Hawthorne
County: Los Angeles
Decimal Latitude: 33.9237
Decimal Longitude: -118.353
Location(OSWCR): TRURO AVE, 118TH ST
City(OSWCR): Hawthorne
County(OSWCR): Los Angeles
Decimal Lat(OSWCR): 33.92365
Decim Long(OSWCR): -118.35275
Data Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
5	SW	0.58	3,040.85	74.52	WATER WELLS

WCR No: WCR2014-010231
Location: 11402 Hawthorne Blvd
City: Hawthorne
County: Los Angeles
Decimal Latitude: 33.9237
Decimal Longitude: -118.353
Location(OSWCR): 11402 Hawthorne Blvd
City(OSWCR): Hawthorne
County(OSWCR): Los Angeles
Decimal Lat(OSWCR): 33.92365
Decim Long(OSWCR): -118.35275
Data Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
5	SW	0.58	3,040.85	74.52	WATER WELLS

WCR No: WCR2014-010378
Location: 11402 Hawthorne Blvd

City:	Hawthorne
County:	Los Angeles
Decimal Latitude:	33.9237
Decimal Longitude:	-118.353
Location(OSWCR):	11402 Hawthorne Blvd
City(OSWCR):	Hawthorne
County(OSWCR):	Los Angeles
Decimal Lat(OSWCR):	33.92365
Decim Long(OSWCR):	-118.35275
Data Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
5	SW	0.58	3,040.85	74.52	WATER WELLS

WCR No:	WCR0185630
Location:	
City:	
County:	Los Angeles
Decimal Latitude:	33.9237
Decimal Longitude:	-118.353
Location(OSWCR):	
City(OSWCR):	
County(OSWCR):	Los Angeles
Decimal Lat(OSWCR):	33.92365
Decim Long(OSWCR):	-118.35275
Data Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
5	SW	0.58	3,040.85	74.52	WATER WELLS

WCR No:	WCR2014-010241
Location:	11402 Hawthorne Blvd
City:	Hawthorne
County:	Los Angeles
Decimal Latitude:	33.9237
Decimal Longitude:	-118.353
Location(OSWCR):	11402 Hawthorne Blvd
City(OSWCR):	Hawthorne
County(OSWCR):	Los Angeles
Decimal Lat(OSWCR):	33.92365
Decim Long(OSWCR):	-118.35275
Data Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
5	SW	0.58	3,040.85	74.52	WATER WELLS

WCR No:	WCR2014-010042
Location:	11402 Hawthorne Blvd
City:	Hawthorne
County:	Los Angeles
Decimal Latitude:	33.9237
Decimal Longitude:	-118.353
Location(OSWCR):	11402 Hawthorne Blvd
City(OSWCR):	Hawthorne
County(OSWCR):	Los Angeles
Decimal Lat(OSWCR):	33.92365
Decim Long(OSWCR):	-118.35275
Data Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
5	SW	0.58	3,040.85	74.52	WATER WELLS

WCR No:	WCR0264902
Location:	
City:	
County:	Los Angeles
Decimal Latitude:	33.9237
Decimal Longitude:	-118.353
Location(OSWCR):	
City(OSWCR):	
County(OSWCR):	Los Angeles
Decimal Lat(OSWCR):	33.92365
Decim Long(OSWCR):	-118.35275
Data Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
5	SW	0.58	3,040.85	74.52	WATER WELLS

WCR No:	WCR2014-010370
Location:	11402 Hawthorne Blvd
City:	Hawthorne
County:	Los Angeles
Decimal Latitude:	33.9237
Decimal Longitude:	-118.353
Location(OSWCR):	11402 Hawthorne Blvd
City(OSWCR):	Hawthorne
County(OSWCR):	Los Angeles
Decimal Lat(OSWCR):	33.92365

Decim Long(OSWCR): -118.35275
Data Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
5	SW	0.58	3,040.85	74.52	WATER WELLS

WCR No: WCR0313041
Location:
City:
County: Los Angeles
Decimal Latitude: 33.9237
Decimal Longitude: -118.353
Location(OSWCR):
City(OSWCR):
County(OSWCR): Los Angeles
Decimal Lat(OSWCR): 33.92365
Decim Long(OSWCR): -118.35275
Data Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
5	SW	0.58	3,040.85	74.52	WATER WELLS

WCR No: WCR0281095
Location:
City:
County: Los Angeles
Decimal Latitude: 33.9237
Decimal Longitude: -118.353
Location(OSWCR):
City(OSWCR):
County(OSWCR): Los Angeles
Decimal Lat(OSWCR): 33.92365
Decim Long(OSWCR): -118.35275
Data Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
5	SW	0.58	3,040.85	74.52	WATER WELLS

WCR No: WCR2014-010381
Location: 11402 Hawthorne Blvd
City: Hawthorne
County: Los Angeles
Decimal Latitude: 33.9237
Decimal Longitude: -118.353

Location(OSWCR):	11402 Hawthorne Blvd
City(OSWCR):	Hawthorne
County(OSWCR):	Los Angeles
Decimal Lat(OSWCR):	33.92365
Decim Long(OSWCR):	-118.35275
Data Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
5	SW	0.58	3,040.85	74.52	WATER WELLS

WCR No:	WCR2014-010224
Location:	11402 Hawthorne Blvd
City:	Hawthorne
County:	Los Angeles
Decimal Latitude:	33.9237
Decimal Longitude:	-118.353
Location(OSWCR):	11402 Hawthorne Blvd
City(OSWCR):	Hawthorne
County(OSWCR):	Los Angeles
Decimal Lat(OSWCR):	33.92365
Decim Long(OSWCR):	-118.35275
Data Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
5	SW	0.58	3,040.85	74.52	WATER WELLS

WCR No:	WCR2014-010379
Location:	11402 Hawthorne Blvd
City:	Hawthorne
County:	Los Angeles
Decimal Latitude:	33.9237
Decimal Longitude:	-118.353
Location(OSWCR):	11402 Hawthorne Blvd
City(OSWCR):	Hawthorne
County(OSWCR):	Los Angeles
Decimal Lat(OSWCR):	33.92365
Decim Long(OSWCR):	-118.35275
Data Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
5	SW	0.58	3,040.85	74.52	WATER WELLS

WCR No:	WCR0297721
Location:	

City:
County: Los Angeles
Decimal Latitude: 33.9237
Decimal Longitude: -118.353
Location(OSWCR):
City(OSWCR):
County(OSWCR): Los Angeles
Decimal Lat(OSWCR): 33.92365
Decim Long(OSWCR): -118.35275
Data Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
5	SW	0.58	3,040.85	74.52	WATER WELLS

WCR No: WCR1995-010595
Location: 12720 HAWTHORNE BLVD
City: Hawthorne
County: Los Angeles
Decimal Latitude: 33.9237
Decimal Longitude: -118.353
Location(OSWCR): 12720 HAWTHORNE BLVD
City(OSWCR): Hawthorne
County(OSWCR): Los Angeles
Decimal Lat(OSWCR): 33.92365
Decim Long(OSWCR): -118.35275
Data Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
5	SW	0.58	3,040.85	74.52	WATER WELLS

WCR No: WCR0027190
Location:
City:
County: Los Angeles
Decimal Latitude: 33.9237
Decimal Longitude: -118.353
Location(OSWCR):
City(OSWCR):
County(OSWCR): Los Angeles
Decimal Lat(OSWCR): 33.92365
Decim Long(OSWCR): -118.35275
Data Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
5	SW	0.58	3,040.85	74.52	WATER WELLS

WCR No: WCR0291192
Location:
City:
County: Los Angeles
Decimal Latitude: 33.9237
Decimal Longitude: -118.353
Location(OSWCR):
City(OSWCR):
County(OSWCR): Los Angeles
Decimal Lat(OSWCR): 33.92365
Decim Long(OSWCR): -118.35275
Data Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
5	SW	0.58	3,040.85	74.52	WATER WELLS

WCR No: WCR1947-001433
Location: Hawthorne Blvd, EL SEGUNDO BLVD
City: Hawthorne
County: Los Angeles
Decimal Latitude: 33.9237
Decimal Longitude: -118.353
Location(OSWCR): Hawthorne Blvd, EL SEGUNDO BLVD
City(OSWCR): Hawthorne
County(OSWCR): Los Angeles
Decimal Lat(OSWCR): 33.92365
Decim Long(OSWCR): -118.35275
Data Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
5	SW	0.58	3,040.85	74.52	WATER WELLS

WCR No: WCR2014-010041
Location: 11402 Hawthorne Blvd
City: Hawthorne
County: Los Angeles
Decimal Latitude: 33.9237
Decimal Longitude: -118.353
Location(OSWCR): 11402 Hawthorne Blvd
City(OSWCR): Hawthorne
County(OSWCR): Los Angeles
Decimal Lat(OSWCR): 33.92365

Decim Long(OSWCR): -118.35275
Data Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
5	SW	0.58	3,040.85	74.52	WATER WELLS

WCR No: WCR2014-010388
Location: 11402 Hawthorne Blvd
City: Hawthorne
County: Los Angeles
Decimal Latitude: 33.9237
Decimal Longitude: -118.353
Location(OSWCR): 11402 Hawthorne Blvd
City(OSWCR): Hawthorne
County(OSWCR): Los Angeles
Decimal Lat(OSWCR): 33.92365
Decim Long(OSWCR): -118.35275
Data Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
5	SW	0.58	3,040.85	74.52	WATER WELLS

WCR No: WCR1906-000054
Location: BALLONA AVE, HAWTHORNE AVE
City: Hawthorne
County: Los Angeles
Decimal Latitude: 33.9237
Decimal Longitude: -118.353
Location(OSWCR): BALLONA AVE, HAWTHORNE AVE
City(OSWCR): Hawthorne
County(OSWCR): Los Angeles
Decimal Lat(OSWCR): 33.92365
Decim Long(OSWCR): -118.35275
Data Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
5	SW	0.58	3,040.85	74.52	WATER WELLS

WCR No: WCR2014-010371
Location: 11402 Hawthorne Blvd
City: Hawthorne
County: Los Angeles
Decimal Latitude: 33.9237
Decimal Longitude: -118.353

Location(OSWCR):	11402 Hawthorne Blvd
City(OSWCR):	Hawthorne
County(OSWCR):	Los Angeles
Decimal Lat(OSWCR):	33.92365
Decim Long(OSWCR):	-118.35275
Data Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
5	SW	0.58	3,040.85	74.52	WATER WELLS

WCR No:	WCR2014-010383
Location:	11402 Hawthorne Blvd
City:	Hawthorne
County:	Los Angeles
Decimal Latitude:	33.9237
Decimal Longitude:	-118.353
Location(OSWCR):	11402 Hawthorne Blvd
City(OSWCR):	Hawthorne
County(OSWCR):	Los Angeles
Decimal Lat(OSWCR):	33.92365
Decim Long(OSWCR):	-118.35275
Data Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
5	SW	0.58	3,040.85	74.52	WATER WELLS

WCR No:	WCR2014-010229
Location:	11402 Hawthorne Blvd
City:	Hawthorne
County:	Los Angeles
Decimal Latitude:	33.9237
Decimal Longitude:	-118.353
Location(OSWCR):	11402 Hawthorne Blvd
City(OSWCR):	Hawthorne
County(OSWCR):	Los Angeles
Decimal Lat(OSWCR):	33.92365
Decim Long(OSWCR):	-118.35275
Data Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
5	SW	0.58	3,040.85	74.52	WATER WELLS

WCR No:	WCR1776-008381
Location:	

City:
County: Los Angeles
Decimal Latitude: 33.9237
Decimal Longitude: -118.353
Location(OSWCR):
City(OSWCR):
County(OSWCR): Los Angeles
Decimal Lat(OSWCR): 33.92365
Decim Long(OSWCR): -118.35275
Data Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
5	SW	0.58	3,040.85	74.52	WATER WELLS

WCR No: WCR2014-010226
Location: 11402 Hawthorne Blvd
City: Hawthorne
County: Los Angeles
Decimal Latitude: 33.9237
Decimal Longitude: -118.353
Location(OSWCR): 11402 Hawthorne Blvd
City(OSWCR): Hawthorne
County(OSWCR): Los Angeles
Decimal Lat(OSWCR): 33.92365
Decim Long(OSWCR): -118.35275
Data Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
5	SW	0.58	3,040.85	74.52	WATER WELLS

WCR No: WCR2014-010382
Location: 11402 Hawthorne Blvd
City: Hawthorne
County: Los Angeles
Decimal Latitude: 33.9237
Decimal Longitude: -118.353
Location(OSWCR): 11402 Hawthorne Blvd
City(OSWCR): Hawthorne
County(OSWCR): Los Angeles
Decimal Lat(OSWCR): 33.92365
Decim Long(OSWCR): -118.35275
Data Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
5	SW	0.58	3,040.85	74.52	WATER WELLS

WCR No:	WCR2014-010246
Location:	11402 Hawthorne Blvd
City:	Hawthorne
County:	Los Angeles
Decimal Latitude:	33.9237
Decimal Longitude:	-118.353
Location(OSWCR):	11402 Hawthorne Blvd
City(OSWCR):	Hawthorne
County(OSWCR):	Los Angeles
Decimal Lat(OSWCR):	33.92365
Decim Long(OSWCR):	-118.35275
Data Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
5	SW	0.58	3,040.85	74.52	WATER WELLS

WCR No:	WCR1906-000032
Location:	BALLONA AVE, P E TRACKS, HAWTHORNE AVE
City:	
County:	Los Angeles
Decimal Latitude:	33.9237
Decimal Longitude:	-118.353
Location(OSWCR):	BALLONA AVE, P E TRACKS, HAWTHORNE AVE
City(OSWCR):	
County(OSWCR):	Los Angeles
Decimal Lat(OSWCR):	33.92365
Decim Long(OSWCR):	-118.35275
Data Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
5	SW	0.58	3,040.85	74.52	WATER WELLS

WCR No:	WCR0099666
Location:	
City:	
County:	Los Angeles
Decimal Latitude:	33.9237
Decimal Longitude:	-118.353
Location(OSWCR):	
City(OSWCR):	
County(OSWCR):	Los Angeles
Decimal Lat(OSWCR):	33.92365

Decim Long(OSWCR): -118.35275
Data Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
5	SW	0.58	3,040.85	74.52	WATER WELLS

WCR No: WCR0200960
Location:
City:
County: Los Angeles
Decimal Latitude: 33.9237
Decimal Longitude: -118.353
Location(OSWCR):
City(OSWCR):
County(OSWCR): Los Angeles
Decimal Lat(OSWCR): 33.92365
Decim Long(OSWCR): -118.35275
Data Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
5	SW	0.58	3,040.85	74.52	WATER WELLS

WCR No: WCR2014-010236
Location: 11402 Hawthorne Blvd
City: Hawthorne
County: Los Angeles
Decimal Latitude: 33.9237
Decimal Longitude: -118.353
Location(OSWCR): 11402 Hawthorne Blvd
City(OSWCR): Hawthorne
County(OSWCR): Los Angeles
Decimal Lat(OSWCR): 33.92365
Decim Long(OSWCR): -118.35275
Data Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
5	SW	0.58	3,040.85	74.52	WATER WELLS

WCR No: WCR2014-010237
Location: 11402 Hawthorne Blvd
City: Hawthorne
County: Los Angeles
Decimal Latitude: 33.9237
Decimal Longitude: -118.353

Location(OSWCR): 11402 Hawthorne Blvd
City(OSWCR): Hawthorne
County(OSWCR): Los Angeles
Decimal Lat(OSWCR): 33.92365
Decim Long(OSWCR): -118.35275
Data Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
5	SW	0.58	3,040.85	74.52	WATER WELLS

WCR No: WCR0114262
Location:
City:
County: Los Angeles
Decimal Latitude: 33.9237
Decimal Longitude: -118.353
Location(OSWCR):
City(OSWCR):
County(OSWCR): Los Angeles
Decimal Lat(OSWCR): 33.92365
Decim Long(OSWCR): -118.35275
Data Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
6	NNW	0.61	3,241.45	73.46	WATER WELLS

WCR No: WCR2003-013173
Location: Hawthorne Blvd
City: Hawthorne
County: Los Angeles
Decimal Latitude: 33.9382
Decimal Longitude: -118.353
Location(OSWCR): Hawthorne Blvd
City(OSWCR): Hawthorne
County(OSWCR): Los Angeles
Decimal Lat(OSWCR): 33.9382
Decim Long(OSWCR): -118.3528
Data Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
6	NNW	0.61	3,241.45	73.46	WATER WELLS

WCR No: WCR2004-013767
Location: Hawthorne Airport Building 3-10

City:	Hawthorne
County:	Los Angeles
Decimal Latitude:	33.9382
Decimal Longitude:	-118.353
Location(OSWCR):	Hawthorne Airport Building 3-10
City(OSWCR):	Hawthorne
County(OSWCR):	Los Angeles
Decimal Lat(OSWCR):	33.9382
Decim Long(OSWCR):	-118.3528
Data Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
6	NNW	0.61	3,241.45	73.46	WATER WELLS

WCR No:	WCR2004-013763
Location:	Hawthorne Airport Building 3-10
City:	Hawthorne
County:	Los Angeles
Decimal Latitude:	33.9382
Decimal Longitude:	-118.353
Location(OSWCR):	Hawthorne Airport Building 3-10
City(OSWCR):	Hawthorne
County(OSWCR):	Los Angeles
Decimal Lat(OSWCR):	33.9382
Decim Long(OSWCR):	-118.3528
Data Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
6	NNW	0.61	3,241.45	73.46	WATER WELLS

WCR No:	WCR2012-008601
Location:	4000 W 113th Street
City:	Inglewood
County:	Los Angeles
Decimal Latitude:	33.9382
Decimal Longitude:	-118.353
Location(OSWCR):	4000 W 113th Street
City(OSWCR):	Inglewood
County(OSWCR):	Los Angeles
Decimal Lat(OSWCR):	33.9382
Decim Long(OSWCR):	-118.3528
Data Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
6	NNW	0.61	3,241.45	73.46	WATER WELLS

WCR No:	WCR1998-009749
Location:	11305 Truro Avenue
City:	Lennox
County:	Los Angeles
Decimal Latitude:	33.9382
Decimal Longitude:	-118.353
Location(OSWCR):	11305 Truro Avenue
City(OSWCR):	Lennox
County(OSWCR):	Los Angeles
Decimal Lat(OSWCR):	33.9382
Decim Long(OSWCR):	-118.3528
Data Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
6	NNW	0.61	3,241.45	73.46	WATER WELLS

WCR No:	WCR1776-008361
Location:	
City:	
County:	Los Angeles
Decimal Latitude:	33.9382
Decimal Longitude:	-118.353
Location(OSWCR):	
City(OSWCR):	
County(OSWCR):	Los Angeles
Decimal Lat(OSWCR):	33.9382
Decim Long(OSWCR):	-118.3528
Data Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
6	NNW	0.61	3,241.45	73.46	WATER WELLS

WCR No:	WCR2010-009014
Location:	4755 W Imperial Highway
City:	Lennox
County:	Los Angeles
Decimal Latitude:	33.9382
Decimal Longitude:	-118.353
Location(OSWCR):	4755 W Imperial Highway
City(OSWCR):	Lennox
County(OSWCR):	Los Angeles
Decimal Lat(OSWCR):	33.9382

Decim Long(OSWCR):	-118.3528
Data Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
6	NNW	0.61	3,241.45	73.46	WATER WELLS

WCR No:	WCR2010-009016
Location:	4755 W Imperial Highway
City:	Lennox
County:	Los Angeles
Decimal Latitude:	33.9382
Decimal Longitude:	-118.353
Location(OSWCR):	4755 W Imperial Highway
City(OSWCR):	Lennox
County(OSWCR):	Los Angeles
Decimal Lat(OSWCR):	33.9382
Decim Long(OSWCR):	-118.3528
Data Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
6	NNW	0.61	3,241.45	73.46	WATER WELLS

WCR No:	WCR1912-000097
Location:	IMPERIAL HWY, INGLEWOOD AVE
City:	
County:	Los Angeles
Decimal Latitude:	33.9382
Decimal Longitude:	-118.353
Location(OSWCR):	IMPERIAL HWY, INGLEWOOD AVE
City(OSWCR):	
County(OSWCR):	Los Angeles
Decimal Lat(OSWCR):	33.9382
Decim Long(OSWCR):	-118.3528
Data Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
6	NNW	0.61	3,241.45	73.46	WATER WELLS

WCR No:	WCR1989-019542
Location:	4801 W Imperial Highway
City:	Hawthorne
County:	Los Angeles
Decimal Latitude:	33.9382
Decimal Longitude:	-118.353

Location(OSWCR):	4801 W Imperial Highway
City(OSWCR):	Hawthorne
County(OSWCR):	Los Angeles
Decimal Lat(OSWCR):	33.9382
Decim Long(OSWCR):	-118.3528
Data Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
6	NNW	0.61	3,241.45	73.46	WATER WELLS

WCR No:	WCR1932-000206
Location:	IMPERIAL HIGHWAY, TRURO AVE
City:	
County:	Los Angeles
Decimal Latitude:	33.9382
Decimal Longitude:	-118.353
Location(OSWCR):	IMPERIAL HIGHWAY, TRURO AVE
City(OSWCR):	
County(OSWCR):	Los Angeles
Decimal Lat(OSWCR):	33.9382
Decim Long(OSWCR):	-118.3528
Data Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
6	NNW	0.61	3,241.45	73.46	WATER WELLS

WCR No:	WCR1996-010069
Location:	4410 W IMPERIAL HWY
City:	Inglewood
County:	Los Angeles
Decimal Latitude:	33.9382
Decimal Longitude:	-118.353
Location(OSWCR):	4410 W IMPERIAL HWY
City(OSWCR):	Inglewood
County(OSWCR):	Los Angeles
Decimal Lat(OSWCR):	33.9382
Decim Long(OSWCR):	-118.3528
Data Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
6	NNW	0.61	3,241.45	73.46	WATER WELLS

WCR No:	WCR1988-018100
Location:	4801 W Imperial Highway

City:	Hawthorne
County:	Los Angeles
Decimal Latitude:	33.9382
Decimal Longitude:	-118.353
Location(OSWCR):	4801 W Imperial Highway
City(OSWCR):	Hawthorne
County(OSWCR):	Los Angeles
Decimal Lat(OSWCR):	33.9382
Decim Long(OSWCR):	-118.3528
Data Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
6	NNW	0.61	3,241.45	73.46	WATER WELLS

WCR No:	WCR2004-013761
Location:	Hawthorne Airport Building 3-10
City:	Hawthorne
County:	Los Angeles
Decimal Latitude:	33.9382
Decimal Longitude:	-118.353
Location(OSWCR):	Hawthorne Airport Building 3-10
City(OSWCR):	Hawthorne
County(OSWCR):	Los Angeles
Decimal Lat(OSWCR):	33.9382
Decim Long(OSWCR):	-118.3528
Data Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
6	NNW	0.61	3,241.45	73.46	WATER WELLS

WCR No:	WCR2013-012384
Location:	4331 Lennox Blvd
City:	Lennox
County:	Los Angeles
Decimal Latitude:	33.9382
Decimal Longitude:	-118.353
Location(OSWCR):	4331 Lennox Blvd
City(OSWCR):	Lennox
County(OSWCR):	Los Angeles
Decimal Lat(OSWCR):	33.9382
Decim Long(OSWCR):	-118.3528
Data Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB

6	NNW	0.61	3,241.45	73.46	WATER WELLS

WCR No:	WCR2004-014073
Location:	Hawthorne Airport Building 3-10
City:	Hawthorne
County:	Los Angeles
Decimal Latitude:	33.9382
Decimal Longitude:	-118.353
Location(OSWCR):	Hawthorne Airport Building 3-10
City(OSWCR):	Hawthorne
County(OSWCR):	Los Angeles
Decimal Lat(OSWCR):	33.9382
Decim Long(OSWCR):	-118.3528
Data Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
6	NNW	0.61	3,241.45	73.46	WATER WELLS

WCR No:	WCR1989-019543
Location:	4801 W Imperial Highway
City:	Hawthorne
County:	Los Angeles
Decimal Latitude:	33.9382
Decimal Longitude:	-118.353
Location(OSWCR):	4801 W Imperial Highway
City(OSWCR):	Hawthorne
County(OSWCR):	Los Angeles
Decimal Lat(OSWCR):	33.9382
Decim Long(OSWCR):	-118.3528
Data Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
6	NNW	0.61	3,241.45	73.46	WATER WELLS

WCR No:	WCR1947-001188
Location:	IMPERIAL BLVD, TRURO ST
City:	
County:	Los Angeles
Decimal Latitude:	33.9382
Decimal Longitude:	-118.353
Location(OSWCR):	IMPERIAL BLVD, TRURO ST
City(OSWCR):	
County(OSWCR):	Los Angeles
Decimal Lat(OSWCR):	33.9382

Decim Long(OSWCR): -118.3528
Data Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
6	NNW	0.61	3,241.45	73.46	WATER WELLS

WCR No: WCR1995-009461
Location: 4760 CENTURY BLVD
City: Inglewood
County: Los Angeles
Decimal Latitude: 33.9382
Decimal Longitude: -118.353
Location(OSWCR): 4760 CENTURY BLVD
City(OSWCR): Inglewood
County(OSWCR): Los Angeles
Decimal Lat(OSWCR): 33.9382
Decim Long(OSWCR): -118.3528
Data Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
6	NNW	0.61	3,241.45	73.46	WATER WELLS

WCR No: WCR2010-009015
Location: 4755 W Imperial Highway
City: Lennox
County: Los Angeles
Decimal Latitude: 33.9382
Decimal Longitude: -118.353
Location(OSWCR): 4755 W Imperial Highway
City(OSWCR): Lennox
County(OSWCR): Los Angeles
Decimal Lat(OSWCR): 33.9382
Decim Long(OSWCR): -118.3528
Data Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
6	NNW	0.61	3,241.45	73.46	WATER WELLS

WCR No: WCR2013-012383
Location: 4331 Lennox Blvd
City: Lennox
County: Los Angeles
Decimal Latitude: 33.9382
Decimal Longitude: -118.353

Wells and Additional Sources Detail Report

Location(OSWCR):	4331 Lennox Blvd
City(OSWCR):	Lennox
County(OSWCR):	Los Angeles
Decimal Lat(OSWCR):	33.9382
Decim Long(OSWCR):	-118.3528
Data Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
6	NNW	0.61	3,241.45	73.46	WATER WELLS

WCR No:	WCR1996-010286
Location:	4000 W CENTURY BLVD
City:	Inglewood
County:	Los Angeles
Decimal Latitude:	33.9382
Decimal Longitude:	-118.353
Location(OSWCR):	4000 W CENTURY BLVD
City(OSWCR):	Inglewood
County(OSWCR):	Los Angeles
Decimal Lat(OSWCR):	33.9382
Decim Long(OSWCR):	-118.3528
Data Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
6	NNW	0.61	3,241.45	73.46	WATER WELLS

WCR No:	WCR1995-009460
Location:	4760 CENTURY BLVD
City:	Inglewood
County:	Los Angeles
Decimal Latitude:	33.9382
Decimal Longitude:	-118.353
Location(OSWCR):	4760 CENTURY BLVD
City(OSWCR):	Inglewood
County(OSWCR):	Los Angeles
Decimal Lat(OSWCR):	33.9382
Decim Long(OSWCR):	-118.3528
Data Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
6	NNW	0.61	3,241.45	73.46	WATER WELLS

WCR No:	WCR2003-013177
Location:	Imperial Hwy

City:	Hawthorne
County:	Los Angeles
Decimal Latitude:	33.9382
Decimal Longitude:	-118.353
Location(OSWCR):	Imperial Hwy
City(OSWCR):	Hawthorne
County(OSWCR):	Los Angeles
Decimal Lat(OSWCR):	33.9382
Decim Long(OSWCR):	-118.3528
Data Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
6	NNW	0.61	3,241.45	73.46	WATER WELLS

WCR No:	WCR2013-012385
Location:	4331 Lennox Blvd
City:	Lennox
County:	Los Angeles
Decimal Latitude:	33.9382
Decimal Longitude:	-118.353
Location(OSWCR):	4331 Lennox Blvd
City(OSWCR):	Lennox
County(OSWCR):	Los Angeles
Decimal Lat(OSWCR):	33.9382
Decim Long(OSWCR):	-118.3528
Data Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
6	NNW	0.61	3,241.45	73.46	WATER WELLS

WCR No:	WCR1902-000131
Location:	
City:	
County:	Los Angeles
Decimal Latitude:	33.9382
Decimal Longitude:	-118.353
Location(OSWCR):	
City(OSWCR):	
County(OSWCR):	Los Angeles
Decimal Lat(OSWCR):	33.9382
Decim Long(OSWCR):	-118.3528
Data Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB

6	NNW	0.61	3,241.45	73.46	WATER WELLS

WCR No:	WCR1899-000189
Location:	CENTURY BLVD, PINE ST, MYRTLE AVE
City:	Hawthorne
County:	Los Angeles
Decimal Latitude:	33.9382
Decimal Longitude:	-118.353
Location(OSWCR):	CENTURY BLVD, PINE ST, MYRTLE AVE
City(OSWCR):	Hawthorne
County(OSWCR):	Los Angeles
Decimal Lat(OSWCR):	33.9382
Decim Long(OSWCR):	-118.3528
Data Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
6	NNW	0.61	3,241.45	73.46	WATER WELLS

WCR No:	WCR2002-013067
Location:	4331 Lennox Blvd
City:	Lennox
County:	Los Angeles
Decimal Latitude:	33.9382
Decimal Longitude:	-118.353
Location(OSWCR):	4331 Lennox Blvd
City(OSWCR):	Lennox
County(OSWCR):	Los Angeles
Decimal Lat(OSWCR):	33.9382
Decim Long(OSWCR):	-118.3528
Data Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
6	NNW	0.61	3,241.45	73.46	WATER WELLS

WCR No:	WCR0125734
Location:	
City:	
County:	Los Angeles
Decimal Latitude:	33.9382
Decimal Longitude:	-118.353
Location(OSWCR):	
City(OSWCR):	
County(OSWCR):	Los Angeles
Decimal Lat(OSWCR):	33.9382

Decim Long(OSWCR):	-118.3528
Data Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
6	NNW	0.61	3,241.45	73.46	WATER WELLS

WCR No:	WCR2010-009013
Location:	4755 W Imperial Highway
City:	Lennox
County:	Los Angeles
Decimal Latitude:	33.9382
Decimal Longitude:	-118.353
Location(OSWCR):	4755 W Imperial Highway
City(OSWCR):	Lennox
County(OSWCR):	Los Angeles
Decimal Lat(OSWCR):	33.9382
Decim Long(OSWCR):	-118.3528
Data Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
6	NNW	0.61	3,241.45	73.46	WATER WELLS

WCR No:	WCR2003-013175
Location:	Acacia Ave
City:	Hawthorne
County:	Los Angeles
Decimal Latitude:	33.9382
Decimal Longitude:	-118.353
Location(OSWCR):	Acacia Ave
City(OSWCR):	Hawthorne
County(OSWCR):	Los Angeles
Decimal Lat(OSWCR):	33.9382
Decim Long(OSWCR):	-118.3528
Data Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
6	NNW	0.61	3,241.45	73.46	WATER WELLS

WCR No:	WCR1998-009748
Location:	11305 Truro Avenue
City:	Lennox
County:	Los Angeles
Decimal Latitude:	33.9382
Decimal Longitude:	-118.353

Wells and Additional Sources Detail Report

Location(OSWCR):	11305 Truro Avenue
City(OSWCR):	Lennox
County(OSWCR):	Los Angeles
Decimal Lat(OSWCR):	33.9382
Decim Long(OSWCR):	-118.3528
Data Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
6	NNW	0.61	3,241.45	73.46	WATER WELLS

WCR No:	WCR1912-000227
Location:	IMPERIAL HWY, INGLEWOOD AVE
City:	
County:	Los Angeles
Decimal Latitude:	33.9382
Decimal Longitude:	-118.353
Location(OSWCR):	IMPERIAL HWY, INGLEWOOD AVE
City(OSWCR):	
County(OSWCR):	Los Angeles
Decimal Lat(OSWCR):	33.9382
Decim Long(OSWCR):	-118.3528
Data Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
6	NNW	0.61	3,241.45	73.46	WATER WELLS

WCR No:	WCR1947-001430
Location:	IMPERIAL BLVD, TRURO ST
City:	
County:	Los Angeles
Decimal Latitude:	33.9382
Decimal Longitude:	-118.353
Location(OSWCR):	IMPERIAL BLVD, TRURO ST
City(OSWCR):	
County(OSWCR):	Los Angeles
Decimal Lat(OSWCR):	33.9382
Decim Long(OSWCR):	-118.3528
Data Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
6	NNW	0.61	3,241.45	73.46	WATER WELLS

WCR No:	WCR2000-010862
Location:	TRURO AVE

City: Lennox
County: Los Angeles
Decimal Latitude: 33.9382
Decimal Longitude: -118.353
Location(OSWCR): TRURO AVE
City(OSWCR): Lennox
County(OSWCR): Los Angeles
Decimal Lat(OSWCR): 33.9382
Decim Long(OSWCR): -118.3528
Data Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
6	NNW	0.61	3,241.45	73.46	WATER WELLS

WCR No: WCR0080532
Location:
City:
County: Los Angeles
Decimal Latitude: 33.9382
Decimal Longitude: -118.353
Location(OSWCR):
City(OSWCR):
County(OSWCR): Los Angeles
Decimal Lat(OSWCR): 33.9382
Decim Long(OSWCR): -118.3528
Data Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
6	NNW	0.61	3,241.45	73.46	WATER WELLS

WCR No: WCR1932-000116
Location: IMPERIAL HWY, TRURO AVE
City:
County: Los Angeles
Decimal Latitude: 33.9382
Decimal Longitude: -118.353
Location(OSWCR): IMPERIAL HWY, TRURO AVE
City(OSWCR):
County(OSWCR): Los Angeles
Decimal Lat(OSWCR): 33.9382
Decim Long(OSWCR): -118.3528
Data Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB

6	NNW	0.61	3,241.45	73.46	WATER WELLS

WCR No:	WCR2004-014072
Location:	Hawthorne Airport Building 3-10
City:	Hawthorne
County:	Los Angeles
Decimal Latitude:	33.9382
Decimal Longitude:	-118.353
Location(OSWCR):	Hawthorne Airport Building 3-10
City(OSWCR):	Hawthorne
County(OSWCR):	Los Angeles
Decimal Lat(OSWCR):	33.9382
Decim Long(OSWCR):	-118.3528
Data Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
6	NNW	0.61	3,241.45	73.46	WATER WELLS

WCR No:	WCR1936-000332
Location:	INGLEWOOD, IMPERIAL HWY, HAWTHORNE AVE,
City:	
County:	Los Angeles
Decimal Latitude:	33.9382
Decimal Longitude:	-118.353
Location(OSWCR):	INGLEWOOD, IMPERIAL HWY, HAWTHORNE AVE,
City(OSWCR):	
County(OSWCR):	Los Angeles
Decimal Lat(OSWCR):	33.9382
Decim Long(OSWCR):	-118.3528
Data Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
6	NNW	0.61	3,241.45	73.46	WATER WELLS

WCR No:	WCR2005-013114
Location:	Crenshaw Boulevard & Northrup Avenue
City:	Hawthorne
County:	Los Angeles
Decimal Latitude:	33.9382
Decimal Longitude:	-118.353
Location(OSWCR):	Crenshaw Boulevard & Northrup Avenue
City(OSWCR):	Hawthorne
County(OSWCR):	Los Angeles
Decimal Lat(OSWCR):	33.9382

Decim Long(OSWCR):	-118.3528
Data Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
6	NNW	0.61	3,241.45	73.46	WATER WELLS

WCR No:	WCR2004-013762
Location:	Hawthorne Airport Building 3-10
City:	Hawthorne
County:	Los Angeles
Decimal Latitude:	33.9382
Decimal Longitude:	-118.353
Location(OSWCR):	Hawthorne Airport Building 3-10
City(OSWCR):	Hawthorne
County(OSWCR):	Los Angeles
Decimal Lat(OSWCR):	33.9382
Decim Long(OSWCR):	-118.3528
Data Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
6	NNW	0.61	3,241.45	73.46	WATER WELLS

WCR No:	WCR1998-009747
Location:	11305 Truro Avenue
City:	Lennox
County:	Los Angeles
Decimal Latitude:	33.9382
Decimal Longitude:	-118.353
Location(OSWCR):	11305 Truro Avenue
City(OSWCR):	Lennox
County(OSWCR):	Los Angeles
Decimal Lat(OSWCR):	33.9382
Decim Long(OSWCR):	-118.3528
Data Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
6	NNW	0.61	3,241.45	73.46	WATER WELLS

WCR No:	WCR0211335
Location:	
City:	
County:	Los Angeles
Decimal Latitude:	33.9382
Decimal Longitude:	-118.353

Wells and Additional Sources Detail Report

Location(OSWCR):
City(OSWCR):
County(OSWCR): Los Angeles
Decimal Lat(OSWCR): 33.9382
Decim Long(OSWCR): -118.3528
Data Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
6	NNW	0.61	3,241.45	73.46	WATER WELLS

WCR No: WCR2004-013766
Location: Hawthorne Airport Building 3-10
City: Hawthorne
County: Los Angeles
Decimal Latitude: 33.9382
Decimal Longitude: -118.353
Location(OSWCR): Hawthorne Airport Building 3-10
City(OSWCR): Hawthorne
County(OSWCR): Los Angeles
Decimal Lat(OSWCR): 33.9382
Decim Long(OSWCR): -118.3528
Data Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
6	NNW	0.61	3,241.45	73.46	WATER WELLS

WCR No: WCR2010-009012
Location: 4755 W Imperial Highway
City: Lennox
County: Los Angeles
Decimal Latitude: 33.9382
Decimal Longitude: -118.353
Location(OSWCR): 4755 W Imperial Highway
City(OSWCR): Lennox
County(OSWCR): Los Angeles
Decimal Lat(OSWCR): 33.9382
Decim Long(OSWCR): -118.3528
Data Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
6	NNW	0.61	3,241.45	73.46	WATER WELLS

WCR No: WCR2004-013764
Location: Hawthorne Airport Building 3-10

City:	Hawthorne
County:	Los Angeles
Decimal Latitude:	33.9382
Decimal Longitude:	-118.353
Location(OSWCR):	Hawthorne Airport Building 3-10
City(OSWCR):	Hawthorne
County(OSWCR):	Los Angeles
Decimal Lat(OSWCR):	33.9382
Decim Long(OSWCR):	-118.3528
Data Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
6	NNW	0.61	3,241.45	73.46	WATER WELLS

WCR No:	WCR2003-013174
Location:	Acacia Ave
City:	Hawthorne
County:	Los Angeles
Decimal Latitude:	33.9382
Decimal Longitude:	-118.353
Location(OSWCR):	Acacia Ave
City(OSWCR):	Hawthorne
County(OSWCR):	Los Angeles
Decimal Lat(OSWCR):	33.9382
Decim Long(OSWCR):	-118.3528
Data Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
6	NNW	0.61	3,241.45	73.46	WATER WELLS

WCR No:	WCR1902-000130
Location:	
City:	
County:	Los Angeles
Decimal Latitude:	33.9382
Decimal Longitude:	-118.353
Location(OSWCR):	
City(OSWCR):	
County(OSWCR):	Los Angeles
Decimal Lat(OSWCR):	33.9382
Decim Long(OSWCR):	-118.3528
Data Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB

6	NNW	0.61	3,241.45	73.46	WATER WELLS

WCR No:	WCR2004-013765
Location:	Hawthorne Airport Building 3-10
City:	Hawthorne
County:	Los Angeles
Decimal Latitude:	33.9382
Decimal Longitude:	-118.353
Location(OSWCR):	Hawthorne Airport Building 3-10
City(OSWCR):	Hawthorne
County(OSWCR):	Los Angeles
Decimal Lat(OSWCR):	33.9382
Decim Long(OSWCR):	-118.3528
Data Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
6	NNW	0.61	3,241.45	73.46	WATER WELLS

WCR No:	WCR2003-013176
Location:	Imperial Hwy
City:	Hawthorne
County:	Los Angeles
Decimal Latitude:	33.9382
Decimal Longitude:	-118.353
Location(OSWCR):	Imperial Hwy
City(OSWCR):	Hawthorne
County(OSWCR):	Los Angeles
Decimal Lat(OSWCR):	33.9382
Decim Long(OSWCR):	-118.3528
Data Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
6	NNW	0.61	3,241.45	73.46	WATER WELLS

WCR No:	WCR2004-014071
Location:	Hawthorne Airport Building 3-10
City:	Hawthorne
County:	Los Angeles
Decimal Latitude:	33.9382
Decimal Longitude:	-118.353
Location(OSWCR):	Hawthorne Airport Building 3-10
City(OSWCR):	Hawthorne
County(OSWCR):	Los Angeles
Decimal Lat(OSWCR):	33.9382

Decim Long(OSWCR): -118.3528
Data Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
6	NNW	0.61	3,241.45	73.46	WATER WELLS

WCR No: WCR1989-019545
Location: 4801 W Imperial Highway
City: Hawthorne
County: Los Angeles
Decimal Latitude: 33.9382
Decimal Longitude: -118.353
Location(OSWCR): 4801 W Imperial Highway
City(OSWCR): Hawthorne
County(OSWCR): Los Angeles
Decimal Lat(OSWCR): 33.9382
Decim Long(OSWCR): -118.3528
Data Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
6	NNW	0.61	3,241.45	73.46	WATER WELLS

WCR No: WCR1936-000213
Location: IMPERIAL HWY, HAWTHORNE AVE, FIRMONA AVE
City: Inglewood
County: Los Angeles
Decimal Latitude: 33.9382
Decimal Longitude: -118.353
Location(OSWCR): IMPERIAL HWY, HAWTHORNE AVE, FIRMONA AVE
City(OSWCR): Inglewood
County(OSWCR): Los Angeles
Decimal Lat(OSWCR): 33.9382
Decim Long(OSWCR): -118.3528
Data Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
6	NNW	0.61	3,241.45	73.46	WATER WELLS

WCR No: WCR0166305
Location:
City:
County: Los Angeles
Decimal Latitude: 33.9382
Decimal Longitude: -118.353

Location(OSWCR):
City(OSWCR):
County(OSWCR): Los Angeles
Decimal Lat(OSWCR): 33.9382
Decim Long(OSWCR): -118.3528
Data Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
7	SSE	0.66	3,476.28	63.46	WATER WELLS

WCR No: WCR2020-011318
Location: 3901 Jack Northrop AVE
City: Hawthorne
County: Los Angeles
Decimal Latitude: 33.9217
Decimal Longitude: -118.342
Location(OSWCR): 3901 Jack Northrop AVE
City(OSWCR): Hawthorne
County(OSWCR): Los Angeles
Decimal Lat(OSWCR): 33.9216659
Decim Long(OSWCR): -118.3416738
Data Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
9	SSE	0.66	3,509.59	63.46	WATER WELLS

WCR No: WCR2020-011317
Location: 3901 Jack Northrop AVE
City: Hawthorne
County: Los Angeles
Decimal Latitude: 33.9216
Decimal Longitude: -118.342
Location(OSWCR): 3901 Jack Northrop AVE
City(OSWCR): Hawthorne
County(OSWCR): Los Angeles
Decimal Lat(OSWCR): 33.9216481
Decim Long(OSWCR): -118.3418897
Data Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
9	SSE	0.66	3,509.59	63.46	WATER WELLS

WCR No: WCR2020-011316
Location: 3901 Jack Northrop AVE

City:	Hawthorne
County:	Los Angeles
Decimal Latitude:	33.9216
Decimal Longitude:	-118.342
Location(OSWCR):	3901 Jack Northrop AVE
City(OSWCR):	Hawthorne
County(OSWCR):	Los Angeles
Decimal Lat(OSWCR):	33.9216414
Decim Long(OSWCR):	-118.3421633
Data Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
10	SE	0.66	3,508.73	53.40	WATER WELLS

WCR No:	WCR2022-004959
Location:	0 0
City:	0
County:	Los Angeles
Decimal Latitude:	33.9251
Decimal Longitude:	-118.337
Location(OSWCR):	0 0
City(OSWCR):	0
County(OSWCR):	Los Angeles
Decimal Lat(OSWCR):	33.925142
Decim Long(OSWCR):	-118.336667
Data Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
11	NW	0.68	3,564.55	74.46	WATER WELLS

WCR No:	WCR2020-010981
Location:	4331 LENNOX BLVD BLVD
City:	LENNOX
County:	Los Angeles
Decimal Latitude:	33.9387
Decimal Longitude:	-118.354
Location(OSWCR):	4331 LENNOX BLVD BLVD
City(OSWCR):	LENNOX
County(OSWCR):	Los Angeles
Decimal Lat(OSWCR):	33.9387
Decim Long(OSWCR):	-118.3540117
Data Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB

11	NW	0.68	3,564.55	74.46	WATER WELLS

WCR No:	WCR2020-010982
Location:	4331 LENNOX BLVD BLVD
City:	LENNOX
County:	Los Angeles
Decimal Latitude:	33.9387
Decimal Longitude:	-118.354
Location(OSWCR):	4331 LENNOX BLVD BLVD
City(OSWCR):	LENNOX
County(OSWCR):	Los Angeles
Decimal Lat(OSWCR):	33.9387
Decim Long(OSWCR):	-118.3540117
Data Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
11	NW	0.68	3,564.55	74.46	WATER WELLS

WCR No:	WCR2020-010600
Location:	4331 LENNOX BLVD BLVD
City:	LENNOX
County:	Los Angeles
Decimal Latitude:	33.9387
Decimal Longitude:	-118.354
Location(OSWCR):	4331 LENNOX BLVD BLVD
City(OSWCR):	LENNOX
County(OSWCR):	Los Angeles
Decimal Lat(OSWCR):	33.9387
Decim Long(OSWCR):	-118.3540117
Data Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
11	NW	0.68	3,564.55	74.46	WATER WELLS

WCR No:	WCR2020-010980
Location:	4331 LENNOX BLVD BLVD
City:	LENNOX
County:	Los Angeles
Decimal Latitude:	33.9387
Decimal Longitude:	-118.354
Location(OSWCR):	4331 LENNOX BLVD BLVD
City(OSWCR):	LENNOX
County(OSWCR):	Los Angeles
Decimal Lat(OSWCR):	33.9387

Decim Long(OSWCR): -118.3540117
Data Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
12	SSE	0.68	3,576.39	63.46	WATER WELLS

WCR No: WCR2020-011339
Location: 3901 Jack Northrop AVE
City: Hawthorne
County: Los Angeles
Decimal Latitude: 33.9214
Decimal Longitude: -118.342
Location(OSWCR): 3901 Jack Northrop AVE
City(OSWCR): Hawthorne
County(OSWCR): Los Angeles
Decimal Lat(OSWCR): 33.9214412
Decim Long(OSWCR): -118.3417108
Data Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
13	SSE	0.68	3,577.59	63.46	WATER WELLS

WCR No: WCR2020-011322
Location: 3901 Jack Northrop AVE
City: Hawthorne
County: Los Angeles
Decimal Latitude: 33.9218
Decimal Longitude: -118.341
Location(OSWCR): 3901 Jack Northrop AVE
City(OSWCR): Hawthorne
County(OSWCR): Los Angeles
Decimal Lat(OSWCR): 33.9217549
Decim Long(OSWCR): -118.341191
Data Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
14	SSE	0.68	3,609.59	63.46	WATER WELLS

WCR No: WCR2020-011323
Location: 3901 Jack Northrop AVE
City: Hawthorne
County: Los Angeles
Decimal Latitude: 33.9217
Decimal Longitude: -118.341

Wells and Additional Sources Detail Report

Location(OSWCR):	3901 Jack Northrop AVE
City(OSWCR):	Hawthorne
County(OSWCR):	Los Angeles
Decimal Lat(OSWCR):	33.9217415
Decim Long(OSWCR):	-118.3407887
Data Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
14	SSE	0.68	3,609.59	63.46	WATER WELLS

WCR No:	WCR2020-011319
Location:	3901 Jack Northrop AVE
City:	Hawthorne
County:	Los Angeles
Decimal Latitude:	33.9217
Decimal Longitude:	-118.341
Location(OSWCR):	3901 Jack Northrop AVE
City(OSWCR):	Hawthorne
County(OSWCR):	Los Angeles
Decimal Lat(OSWCR):	33.9216614
Decim Long(OSWCR):	-118.3413251
Data Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
15	SSE	0.70	3,706.10	63.46	WATER WELLS

WCR No:	WCR2020-011341
Location:	3901 Jack Northrop AVE
City:	Hawthorne
County:	Los Angeles
Decimal Latitude:	33.9214
Decimal Longitude:	-118.341
Location(OSWCR):	3901 Jack Northrop AVE
City(OSWCR):	Hawthorne
County(OSWCR):	Los Angeles
Decimal Lat(OSWCR):	33.9213744
Decim Long(OSWCR):	-118.340992
Data Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
16	SSE	0.70	3,710.65	63.46	WATER WELLS

WCR No:	WCR2020-011310
Location:	3901 Jack Northrop AVE

City:	Hawthorne
County:	Los Angeles
Decimal Latitude:	33.921
Decimal Longitude:	-118.342
Location(OSWCR):	3901 Jack Northrop AVE
City(OSWCR):	Hawthorne
County(OSWCR):	Los Angeles
Decimal Lat(OSWCR):	33.9209826
Decim Long(OSWCR):	-118.3416456
Data Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
17	SSE	0.71	3,738.42	63.46	WATER WELLS

WCR No:	WCR2020-011337
Location:	3901 Jack Northrop AVE
City:	Hawthorne
County:	Los Angeles
Decimal Latitude:	33.9213
Decimal Longitude:	-118.341
Location(OSWCR):	3901 Jack Northrop AVE
City(OSWCR):	Hawthorne
County(OSWCR):	Los Angeles
Decimal Lat(OSWCR):	33.9213099
Decim Long(OSWCR):	-118.3414909
Data Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
17	SSE	0.71	3,738.42	63.46	WATER WELLS

WCR No:	WCR2020-011336
Location:	3901 Jack Northrop AVE
City:	Hawthorne
County:	Los Angeles
Decimal Latitude:	33.9213
Decimal Longitude:	-118.341
Location(OSWCR):	3901 Jack Northrop AVE
City(OSWCR):	Hawthorne
County(OSWCR):	Los Angeles
Decimal Lat(OSWCR):	33.9213099
Decim Long(OSWCR):	-118.3414909
Data Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
18	SSE	0.71	3,744.35	63.46	WATER WELLS

WCR No:	WCR2020-011315
Location:	3901 Jack Northrop AVE
City:	Hawthorne
County:	Los Angeles
Decimal Latitude:	33.9209
Decimal Longitude:	-118.342
Location(OSWCR):	3901 Jack Northrop AVE
City(OSWCR):	Hawthorne
County(OSWCR):	Los Angeles
Decimal Lat(OSWCR):	33.9209158
Decim Long(OSWCR):	-118.3421338
Data Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
19	SSE	0.72	3,778.10	63.46	WATER WELLS

WCR No:	WCR2020-011305
Location:	3901 Jack Northrop AVE
City:	Hawthorne
County:	Los Angeles
Decimal Latitude:	33.9208
Decimal Longitude:	-118.342
Location(OSWCR):	3901 Jack Northrop AVE
City(OSWCR):	Hawthorne
County(OSWCR):	Los Angeles
Decimal Lat(OSWCR):	33.9208291
Decim Long(OSWCR):	-118.3416054
Data Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
19	SSE	0.72	3,778.10	63.46	WATER WELLS

WCR No:	WCR2020-011309
Location:	3901 Jack Northrop AVE
City:	Hawthorne
County:	Los Angeles
Decimal Latitude:	33.9208
Decimal Longitude:	-118.342
Location(OSWCR):	3901 Jack Northrop AVE
City(OSWCR):	Hawthorne
County(OSWCR):	Los Angeles
Decimal Lat(OSWCR):	33.9207979

Decim Long(OSWCR): -118.3417663
Data Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
20	SSE	0.73	3,868.44	63.46	WATER WELLS

WCR No: WCR2020-011299
Location: 3901 Jack Northrop AVE
City: Hawthorne
County: Los Angeles
Decimal Latitude: 33.9209
Decimal Longitude: -118.341
Location(OSWCR): 3901 Jack Northrop AVE
City(OSWCR): Hawthorne
County(OSWCR): Los Angeles
Decimal Lat(OSWCR): 33.9209337
Decim Long(OSWCR): -118.3410207
Data Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
20	SSE	0.73	3,868.44	63.46	WATER WELLS

WCR No: WCR2020-011303
Location: 3901 Jack Northrop AVE
City: Hawthorne
County: Los Angeles
Decimal Latitude: 33.9209
Decimal Longitude: -118.341
Location(OSWCR): 3901 Jack Northrop AVE
City(OSWCR): Hawthorne
County(OSWCR): Los Angeles
Decimal Lat(OSWCR): 33.9209003
Decim Long(OSWCR): -118.3414606
Data Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
20	SSE	0.73	3,868.44	63.46	WATER WELLS

WCR No: WCR2020-011300
Location: 3901 Jack Northrop AVE
City: Hawthorne
County: Los Angeles
Decimal Latitude: 33.9209
Decimal Longitude: -118.341

Location(OSWCR): 3901 Jack Northrop AVE
City(OSWCR): Hawthorne
County(OSWCR): Los Angeles
Decimal Lat(OSWCR): 33.9208803
Decim Long(OSWCR): -118.3413533
Data Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
21	SSE	0.74	3,913.56	63.46	WATER WELLS

WCR No: WCR2020-011356
Location: 3901 Jack Northrop AVE
City: Hawthorne
County: Los Angeles
Decimal Latitude: 33.9204
Decimal Longitude: -118.342
Location(OSWCR): 3901 Jack Northrop AVE
City(OSWCR): Hawthorne
County(OSWCR): Los Angeles
Decimal Lat(OSWCR): 33.9203511
Decim Long(OSWCR): -118.3417859
Data Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
21	SSE	0.74	3,913.56	63.46	WATER WELLS

WCR No: WCR2020-011355
Location: 3901 Jack Northrop AVE
City: Hawthorne
County: Los Angeles
Decimal Latitude: 33.9204
Decimal Longitude: -118.342
Location(OSWCR): 3901 Jack Northrop AVE
City(OSWCR): Hawthorne
County(OSWCR): Los Angeles
Decimal Lat(OSWCR): 33.9203511
Decim Long(OSWCR): -118.3417859
Data Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
22	SSE	0.75	3,933.85	63.46	WATER WELLS

WCR No: WCR2020-011297
Location: 3901 Jack Northrop AVE

City: Hawthorne
County: Los Angeles
Decimal Latitude: 33.9207
Decimal Longitude: -118.341
Location(OSWCR): 3901 Jack Northrop AVE
City(OSWCR): Hawthorne
County(OSWCR): Los Angeles
Decimal Lat(OSWCR): 33.9206799
Decim Long(OSWCR): -118.340967
Data Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
23	SSE	0.75	3,966.65	63.46	WATER WELLS

WCR No: WCR2020-011353
Location: 3901 Jack Northrop AVE
City: Hawthorne
County: Los Angeles
Decimal Latitude: 33.9206
Decimal Longitude: -118.341
Location(OSWCR): 3901 Jack Northrop AVE
City(OSWCR): Hawthorne
County(OSWCR): Los Angeles
Decimal Lat(OSWCR): 33.9206004
Decim Long(OSWCR): -118.3414479
Data Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
23	SSE	0.75	3,966.65	63.46	WATER WELLS

WCR No: WCR2020-011354
Location: 3901 Jack Northrop AVE
City: Hawthorne
County: Los Angeles
Decimal Latitude: 33.9206
Decimal Longitude: -118.341
Location(OSWCR): 3901 Jack Northrop AVE
City(OSWCR): Hawthorne
County(OSWCR): Los Angeles
Decimal Lat(OSWCR): 33.9206004
Decim Long(OSWCR): -118.3414479
Data Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
23	SSE	0.75	3,966.65	63.46	WATER WELLS

WCR No:	WCR2020-011302
Location:	3901 Jack Northrop AVE
City:	Hawthorne
County:	Los Angeles
Decimal Latitude:	33.9206
Decimal Longitude:	-118.341
Location(OSWCR):	3901 Jack Northrop AVE
City(OSWCR):	Hawthorne
County(OSWCR):	Los Angeles
Decimal Lat(OSWCR):	33.9205709
Decim Long(OSWCR):	-118.3413962
Data Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
25	SSE	0.76	4,015.62	63.46	WATER WELLS

WCR No:	WCR2020-011332
Location:	3901 Jack Northrop AVE
City:	Hawthorne
County:	Los Angeles
Decimal Latitude:	33.9201
Decimal Longitude:	-118.342
Location(OSWCR):	3901 Jack Northrop AVE
City(OSWCR):	Hawthorne
County(OSWCR):	Los Angeles
Decimal Lat(OSWCR):	33.9201046
Decim Long(OSWCR):	-118.3415384
Data Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
25	SSE	0.76	4,015.62	63.46	WATER WELLS

WCR No:	WCR2020-011334
Location:	3901 Jack Northrop AVE
City:	Hawthorne
County:	Los Angeles
Decimal Latitude:	33.9201
Decimal Longitude:	-118.342
Location(OSWCR):	3901 Jack Northrop AVE
City(OSWCR):	Hawthorne
County(OSWCR):	Los Angeles
Decimal Lat(OSWCR):	33.9200991

Decim Long(OSWCR): -118.3420864
Data Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
25	SSE	0.76	4,015.62	63.46	WATER WELLS

WCR No: WCR2020-011333
Location: 3901 Jack Northrop AVE
City: Hawthorne
County: Los Angeles
Decimal Latitude: 33.9201
Decimal Longitude: -118.342
Location(OSWCR): 3901 Jack Northrop AVE
City(OSWCR): Hawthorne
County(OSWCR): Los Angeles
Decimal Lat(OSWCR): 33.9200746
Decim Long(OSWCR): -118.3419013
Data Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
26	SSE	0.76	4,011.66	62.46	WATER WELLS

WCR No: WCR2020-011293
Location: 3901 Jack Northrop AVE
City: Hawthorne
County: Los Angeles
Decimal Latitude: 33.9209
Decimal Longitude: -118.34
Location(OSWCR): 3901 Jack Northrop AVE
City(OSWCR): Hawthorne
County(OSWCR): Los Angeles
Decimal Lat(OSWCR): 33.9208535
Decim Long(OSWCR): -118.3400229
Data Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
26	SSE	0.76	4,011.66	62.46	WATER WELLS

WCR No: WCR2020-011324
Location: 3901 Jack Northrop AVE
City: Hawthorne
County: Los Angeles
Decimal Latitude: 33.9209
Decimal Longitude: -118.34

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Location(OSWCR):	3901 Jack Northrop AVE
City(OSWCR):	Hawthorne
County(OSWCR):	Los Angeles
Decimal Lat(OSWCR):	33.9208646
Decim Long(OSWCR):	-118.3403649
Data Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
28	SSE	0.76	4,032.45	63.16	WATER WELLS

WCR No:	WCR2020-011352
Location:	3901 Jack Northrop AVE
City:	Hawthorne
County:	Los Angeles
Decimal Latitude:	33.9204
Decimal Longitude:	-118.341
Location(OSWCR):	3901 Jack Northrop AVE
City(OSWCR):	Hawthorne
County(OSWCR):	Los Angeles
Decimal Lat(OSWCR):	33.9204352
Decim Long(OSWCR):	-118.340949
Data Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
28	SSE	0.76	4,032.45	63.16	WATER WELLS

WCR No:	WCR2020-011351
Location:	3901 Jack Northrop AVE
City:	Hawthorne
County:	Los Angeles
Decimal Latitude:	33.9204
Decimal Longitude:	-118.341
Location(OSWCR):	3901 Jack Northrop AVE
City(OSWCR):	Hawthorne
County(OSWCR):	Los Angeles
Decimal Lat(OSWCR):	33.9204352
Decim Long(OSWCR):	-118.340949
Data Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
29	SSE	0.77	4,049.73	63.46	WATER WELLS

WCR No:	WCR2020-002060
Location:	12508 Doty AVE

City:	Hawthorne
County:	Los Angeles
Decimal Latitude:	33.92
Decimal Longitude:	-118.342
Location(OSWCR):	12508 Doty AVE
City(OSWCR):	Hawthorne
County(OSWCR):	Los Angeles
Decimal Lat(OSWCR):	33.9199826
Decim Long(OSWCR):	-118.3416301
Data Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
30	SSE	0.77	4,074.78	62.46	WATER WELLS

WCR No:	WCR2020-011325
Location:	3901 Jack Northrop AVE
City:	Hawthorne
County:	Los Angeles
Decimal Latitude:	33.9207
Decimal Longitude:	-118.34
Location(OSWCR):	3901 Jack Northrop AVE
City(OSWCR):	Hawthorne
County(OSWCR):	Los Angeles
Decimal Lat(OSWCR):	33.9207266
Decim Long(OSWCR):	-118.3403703
Data Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
30	SSE	0.77	4,074.78	62.46	WATER WELLS

WCR No:	WCR2020-011342
Location:	3901 Jack Northrop AVE
City:	Hawthorne
County:	Los Angeles
Decimal Latitude:	33.9207
Decimal Longitude:	-118.34
Location(OSWCR):	3901 Jack Northrop AVE
City(OSWCR):	Hawthorne
County(OSWCR):	Los Angeles
Decimal Lat(OSWCR):	33.9206533
Decim Long(OSWCR):	-118.3397957
Data Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
31	SW	0.77	4,080.64	80.23	WATER WELLS

WCR No:	WCR2018-001067
Location:	4675 120th ST
City:	Hawthorne
County:	Los Angeles
Decimal Latitude:	33.9239
Decimal Longitude:	-118.358
Location(OSWCR):	4675 120th ST
City(OSWCR):	Hawthorne
County(OSWCR):	Los Angeles
Decimal Lat(OSWCR):	33.9238889
Decim Long(OSWCR):	-118.3583333
Data Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
32	SE	0.78	4,095.87	56.95	WATER WELLS

WCR No:	WCR2018-004122
Location:	12101 CRENSHAW BLVD
City:	HAWTHORNE
County:	Los Angeles
Decimal Latitude:	33.9235
Decimal Longitude:	-118.336
Location(OSWCR):	12101 CRENSHAW BLVD
City(OSWCR):	HAWTHORNE
County(OSWCR):	Los Angeles
Decimal Lat(OSWCR):	33.9235056
Decim Long(OSWCR):	-118.3361111
Data Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
33	SSE	0.78	4,131.57	62.46	WATER WELLS

WCR No:	WCR2020-011330
Location:	3901 Jack Northrop AVE
City:	Hawthorne
County:	Los Angeles
Decimal Latitude:	33.9201
Decimal Longitude:	-118.341
Location(OSWCR):	3901 Jack Northrop AVE
City(OSWCR):	Hawthorne
County(OSWCR):	Los Angeles
Decimal Lat(OSWCR):	33.9201079

Decim Long(OSWCR): -118.341293
Data Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
33	SSE	0.78	4,131.57	62.46	WATER WELLS

WCR No: WCR2020-011328
Location: 3901 Jack Northrop AVE
City: Hawthorne
County: Los Angeles
Decimal Latitude: 33.9201
Decimal Longitude: -118.341
Location(OSWCR): 3901 Jack Northrop AVE
City(OSWCR): Hawthorne
County(OSWCR): Los Angeles
Decimal Lat(OSWCR): 33.92009
Decim Long(OSWCR): -118.3407056
Data Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
33	SSE	0.78	4,131.57	62.46	WATER WELLS

WCR No: WCR2020-011329
Location: 3901 Jack Northrop AVE
City: Hawthorne
County: Los Angeles
Decimal Latitude: 33.9201
Decimal Longitude: -118.341
Location(OSWCR): 3901 Jack Northrop AVE
City(OSWCR): Hawthorne
County(OSWCR): Los Angeles
Decimal Lat(OSWCR): 33.9201034
Decim Long(OSWCR): -118.3410677
Data Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
34	ENE	0.78	4,138.37	76.46	WATER WELLS

WCR No: WCR2023-000718
Location: 3541 W 111th ST
City: inglewood
County: Los Angeles
Decimal Latitude: 33.9351
Decimal Longitude: -118.334

Location(OSWCR):	3541 W 111th ST
City(OSWCR):	inglewood
County(OSWCR):	Los Angeles
Decimal Lat(OSWCR):	33.9350668
Decim Long(OSWCR):	-118.334218
Data Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
35	SSE	0.78	4,138.21	62.46	WATER WELLS

WCR No:	WCR2020-011350
Location:	3901 Jack Northrop AVE
City:	Hawthorne
County:	Los Angeles
Decimal Latitude:	33.9205
Decimal Longitude:	-118.34
Location(OSWCR):	3901 Jack Northrop AVE
City(OSWCR):	Hawthorne
County(OSWCR):	Los Angeles
Decimal Lat(OSWCR):	33.9205376
Decim Long(OSWCR):	-118.3402302
Data Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
36	SSE	0.79	4,170.04	62.46	WATER WELLS

WCR No:	WCR2020-011326
Location:	3901 Jack Northrop AVE
City:	Hawthorne
County:	Los Angeles
Decimal Latitude:	33.9204
Decimal Longitude:	-118.34
Location(OSWCR):	3901 Jack Northrop AVE
City(OSWCR):	Hawthorne
County(OSWCR):	Los Angeles
Decimal Lat(OSWCR):	33.920415
Decim Long(OSWCR):	-118.3403971
Data Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
37	ENE	0.79	4,195.49	76.46	WATER WELLS

WCR No:	WCR2023-000717
Location:	3541 W 111th ST

City:	inglewood
County:	Los Angeles
Decimal Latitude:	33.9355
Decimal Longitude:	-118.334
Location(OSWCR):	3541 W 111th ST
City(OSWCR):	inglewood
County(OSWCR):	Los Angeles
Decimal Lat(OSWCR):	33.935462
Decim Long(OSWCR):	-118.334354
Data Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
38	SSE	0.80	4,201.94	62.46	WATER WELLS

WCR No:	WCR2020-011292
Location:	3901 Jack Northrop AVE
City:	Hawthorne
County:	Los Angeles
Decimal Latitude:	33.9203
Decimal Longitude:	-118.34
Location(OSWCR):	3901 Jack Northrop AVE
City(OSWCR):	Hawthorne
County(OSWCR):	Los Angeles
Decimal Lat(OSWCR):	33.9202882
Decim Long(OSWCR):	-118.3401248
Data Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
38	SSE	0.80	4,201.94	62.46	WATER WELLS

WCR No:	WCR2020-011289
Location:	3901 Jack Northrop AVE
City:	Hawthorne
County:	Los Angeles
Decimal Latitude:	33.9203
Decimal Longitude:	-118.34
Location(OSWCR):	3901 Jack Northrop AVE
City(OSWCR):	Hawthorne
County(OSWCR):	Los Angeles
Decimal Lat(OSWCR):	33.9202882
Decim Long(OSWCR):	-118.3401248
Data Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
39	SSE	0.80	4,202.37	62.00	WATER WELLS

WCR No:	WCR2020-004216
Location:	3901 Jack Northrop AVE
City:	Hawthorne
County:	Los Angeles
Decimal Latitude:	33.9208
Decimal Longitude:	-118.339
Location(OSWCR):	3901 Jack Northrop AVE
City(OSWCR):	Hawthorne
County(OSWCR):	Los Angeles
Decimal Lat(OSWCR):	33.9207652
Decim Long(OSWCR):	-118.3394508
Data Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
41	ESE	0.80	4,237.04	65.48	WATER WELLS

WCR No:	WCR2019-007056
Location:	11710 S Cherry AVE
City:	Inglewood
County:	Los Angeles
Decimal Latitude:	33.9279
Decimal Longitude:	-118.333
Location(OSWCR):	11710 S Cherry AVE
City(OSWCR):	Inglewood
County(OSWCR):	Los Angeles
Decimal Lat(OSWCR):	33.9279421
Decim Long(OSWCR):	-118.3329931
Data Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
41	ESE	0.80	4,237.04	65.48	WATER WELLS

WCR No:	WCR2019-007058
Location:	11710 S Cherry AVE
City:	Inglewood
County:	Los Angeles
Decimal Latitude:	33.9279
Decimal Longitude:	-118.333
Location(OSWCR):	11710 S Cherry AVE
City(OSWCR):	Inglewood
County(OSWCR):	Los Angeles
Decimal Lat(OSWCR):	33.9279421

Decim Long(OSWCR):	-118.3329931
Data Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
41	ESE	0.80	4,237.04	65.48	WATER WELLS

WCR No:	WCR2019-007055
Location:	11710 S Cherry AVE
City:	Inglewood
County:	Los Angeles
Decimal Latitude:	33.9279
Decimal Longitude:	-118.333
Location(OSWCR):	11710 S Cherry AVE
City(OSWCR):	Inglewood
County(OSWCR):	Los Angeles
Decimal Lat(OSWCR):	33.9279421
Decim Long(OSWCR):	-118.3329931
Data Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
42	SSE	0.80	4,233.92	62.46	WATER WELLS

WCR No:	WCR2020-011327
Location:	3901 Jack Northrop AVE
City:	Hawthorne
County:	Los Angeles
Decimal Latitude:	33.9202
Decimal Longitude:	-118.34
Location(OSWCR):	3901 Jack Northrop AVE
City(OSWCR):	Hawthorne
County(OSWCR):	Los Angeles
Decimal Lat(OSWCR):	33.9201657
Decim Long(OSWCR):	-118.3403864
Data Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
43	ESE	0.81	4,289.93	63.51	WATER WELLS

WCR No:	WCR2019-009074
Location:	11710 S Cherry AVE
City:	Inglewood
County:	Los Angeles
Decimal Latitude:	33.9273
Decimal Longitude:	-118.333

Location(OSWCR):	11710 S Cherry AVE
City(OSWCR):	Inglewood
County(OSWCR):	Los Angeles
Decimal Lat(OSWCR):	33.927274
Decim Long(OSWCR):	-118.33264
Data Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
43	ESE	0.81	4,289.93	63.51	WATER WELLS

WCR No:	WCR2019-009075
Location:	11710 S Cherry AVE
City:	Inglewood
County:	Los Angeles
Decimal Latitude:	33.9273
Decimal Longitude:	-118.333
Location(OSWCR):	11710 S Cherry AVE
City(OSWCR):	Inglewood
County(OSWCR):	Los Angeles
Decimal Lat(OSWCR):	33.927274
Decim Long(OSWCR):	-118.33264
Data Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
43	ESE	0.81	4,289.93	63.51	WATER WELLS

WCR No:	WCR2019-009076
Location:	11710 S Cherry AVE
City:	Inglewood
County:	Los Angeles
Decimal Latitude:	33.9273
Decimal Longitude:	-118.333
Location(OSWCR):	11710 S Cherry AVE
City(OSWCR):	Inglewood
County(OSWCR):	Los Angeles
Decimal Lat(OSWCR):	33.927274
Decim Long(OSWCR):	-118.33264
Data Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
45	SE	0.81	4,291.55	61.46	WATER WELLS

WCR No:	WCR2020-004428
Location:	3901 Jack Northrop AVE

City:	Hawthorne
County:	Los Angeles
Decimal Latitude:	33.9218
Decimal Longitude:	-118.337
Location(OSWCR):	3901 Jack Northrop AVE
City(OSWCR):	Hawthorne
County(OSWCR):	Los Angeles
Decimal Lat(OSWCR):	33.9217757
Decim Long(OSWCR):	-118.3369295
Data Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
46	SSE	0.82	4,305.31	63.46	WATER WELLS

WCR No:	WCR2018-004127
Location:	12530 PRAIRIE AVE
City:	HAWTHORNE
County:	Los Angeles
Decimal Latitude:	33.919
Decimal Longitude:	-118.343
Location(OSWCR):	12530 PRAIRIE AVE
City(OSWCR):	HAWTHORNE
County(OSWCR):	Los Angeles
Decimal Lat(OSWCR):	33.9190389
Decim Long(OSWCR):	-118.3428639
Data Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
47	SE	0.81	4,296.80	52.66	WATER WELLS

WCR No:	WCR2014-008816
Location:	3101 W El Segundo
City:	Hawthorne
County:	Los Angeles
Decimal Latitude:	33.9237
Decimal Longitude:	-118.335
Location(OSWCR):	3101 W El Segundo
City(OSWCR):	Hawthorne
County(OSWCR):	Los Angeles
Decimal Lat(OSWCR):	33.92369
Decim Long(OSWCR):	-118.3352
Data Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB

47	SE	0.81	4,296.80	52.66	WATER WELLS

WCR No:	WCR2007-011997
Location:	1 Northrop Avenue
City:	Hawthorne
County:	Los Angeles
Decimal Latitude:	33.9237
Decimal Longitude:	-118.335
Location(OSWCR):	1 Northrop Avenue
City(OSWCR):	Hawthorne
County(OSWCR):	Los Angeles
Decimal Lat(OSWCR):	33.92369
Decim Long(OSWCR):	-118.3352
Data Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
47	SE	0.81	4,296.80	52.66	WATER WELLS

WCR No:	WCR2012-011354
Location:	12520 Cerise Avenue
City:	Hawthorne
County:	Los Angeles
Decimal Latitude:	33.9237
Decimal Longitude:	-118.335
Location(OSWCR):	12520 Cerise Avenue
City(OSWCR):	Hawthorne
County(OSWCR):	Los Angeles
Decimal Lat(OSWCR):	33.92369
Decim Long(OSWCR):	-118.3352
Data Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
47	SE	0.81	4,296.80	52.66	WATER WELLS

WCR No:	WCR2003-012767
Location:	1 Northrup Way
City:	Hawthorne
County:	Los Angeles
Decimal Latitude:	33.9237
Decimal Longitude:	-118.335
Location(OSWCR):	1 Northrup Way
City(OSWCR):	Hawthorne
County(OSWCR):	Los Angeles
Decimal Lat(OSWCR):	33.92369

Decim Long(OSWCR): -118.3352
Data Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
47	SE	0.81	4,296.80	52.66	WATER WELLS

WCR No: WCR1992-017520
Location: YUKON, W 118TH PLACE
City: Inglewood
County: Los Angeles
Decimal Latitude: 33.9237
Decimal Longitude: -118.335
Location(OSWCR): YUKON, W 118TH PLACE
City(OSWCR): Inglewood
County(OSWCR): Los Angeles
Decimal Lat(OSWCR): 33.92369
Decim Long(OSWCR): -118.3352
Data Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
47	SE	0.81	4,296.80	52.66	WATER WELLS

WCR No: WCR2014-008813
Location: 3101 W El Segundo
City: Hawthorne
County: Los Angeles
Decimal Latitude: 33.9237
Decimal Longitude: -118.335
Location(OSWCR): 3101 W El Segundo
City(OSWCR): Hawthorne
County(OSWCR): Los Angeles
Decimal Lat(OSWCR): 33.92369
Decim Long(OSWCR): -118.3352
Data Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
47	SE	0.81	4,296.80	52.66	WATER WELLS

WCR No: WCR0114156
Location:
City:
County: Los Angeles
Decimal Latitude: 33.9237
Decimal Longitude: -118.335

Location(OSWCR):
City(OSWCR):
County(OSWCR): Los Angeles
Decimal Lat(OSWCR): 33.92369
Decim Long(OSWCR): -118.3352
Data Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
47	SE	0.81	4,296.80	52.66	WATER WELLS

WCR No: WCR1987-011820
Location:
City:
County: Los Angeles
Decimal Latitude: 33.9237
Decimal Longitude: -118.335
Location(OSWCR):
City(OSWCR):
County(OSWCR): Los Angeles
Decimal Lat(OSWCR): 33.92369
Decim Long(OSWCR): -118.3352
Data Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
47	SE	0.81	4,296.80	52.66	WATER WELLS

WCR No: WCR1987-011816
Location:
City:
County: Los Angeles
Decimal Latitude: 33.9237
Decimal Longitude: -118.335
Location(OSWCR):
City(OSWCR):
County(OSWCR): Los Angeles
Decimal Lat(OSWCR): 33.92369
Decim Long(OSWCR): -118.3352
Data Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
47	SE	0.81	4,296.80	52.66	WATER WELLS

WCR No: WCR2007-012074
Location: 1 Northrop Avenue

City:	Hawthorne
County:	Los Angeles
Decimal Latitude:	33.9237
Decimal Longitude:	-118.335
Location(OSWCR):	1 Northrop Avenue
City(OSWCR):	Hawthorne
County(OSWCR):	Los Angeles
Decimal Lat(OSWCR):	33.92369
Decim Long(OSWCR):	-118.3352
Data Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
47	SE	0.81	4,296.80	52.66	WATER WELLS

WCR No:	WCR0103455
Location:	
City:	
County:	Los Angeles
Decimal Latitude:	33.9237
Decimal Longitude:	-118.335
Location(OSWCR):	
City(OSWCR):	
County(OSWCR):	Los Angeles
Decimal Lat(OSWCR):	33.92369
Decim Long(OSWCR):	-118.3352
Data Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
47	SE	0.81	4,296.80	52.66	WATER WELLS

WCR No:	WCR2007-012075
Location:	1 Northrop Avenue
City:	Hawthorne
County:	Los Angeles
Decimal Latitude:	33.9237
Decimal Longitude:	-118.335
Location(OSWCR):	1 Northrop Avenue
City(OSWCR):	Hawthorne
County(OSWCR):	Los Angeles
Decimal Lat(OSWCR):	33.92369
Decim Long(OSWCR):	-118.3352
Data Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB

47	SE	0.81	4,296.80	52.66	WATER WELLS

WCR No:	WCR2014-011940
Location:	2800 W 120th Street
City:	Hawthorne
County:	Los Angeles
Decimal Latitude:	33.9237
Decimal Longitude:	-118.335
Location(OSWCR):	2800 W 120th Street
City(OSWCR):	Hawthorne
County(OSWCR):	Los Angeles
Decimal Lat(OSWCR):	33.92369
Decim Long(OSWCR):	-118.3352
Data Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
47	SE	0.81	4,296.80	52.66	WATER WELLS

WCR No:	WCR1994-012723
Location:	11400 CRENSHAW BLVD
City:	Inglewood
County:	Los Angeles
Decimal Latitude:	33.9237
Decimal Longitude:	-118.335
Location(OSWCR):	11400 CRENSHAW BLVD
City(OSWCR):	Inglewood
County(OSWCR):	Los Angeles
Decimal Lat(OSWCR):	33.92369
Decim Long(OSWCR):	-118.3352
Data Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
47	SE	0.81	4,296.80	52.66	WATER WELLS

WCR No:	WCR2014-008725
Location:	3101 W El Segundo
City:	Hawthorne
County:	Los Angeles
Decimal Latitude:	33.9237
Decimal Longitude:	-118.335
Location(OSWCR):	3101 W El Segundo
City(OSWCR):	Hawthorne
County(OSWCR):	Los Angeles
Decimal Lat(OSWCR):	33.92369

Decim Long(OSWCR): -118.3352
Data Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
47	SE	0.81	4,296.80	52.66	WATER WELLS

WCR No: WCR0268756
Location:
City:
County: Los Angeles
Decimal Latitude: 33.9237
Decimal Longitude: -118.335
Location(OSWCR):
City(OSWCR):
County(OSWCR): Los Angeles
Decimal Lat(OSWCR): 33.92369
Decim Long(OSWCR): -118.3352
Data Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
47	SE	0.81	4,296.80	52.66	WATER WELLS

WCR No: WCR1942-000469
Location: YUKON, 119TH STREET
City: Inglewood
County: Los Angeles
Decimal Latitude: 33.9237
Decimal Longitude: -118.335
Location(OSWCR): YUKON, 119TH STREET
City(OSWCR): Inglewood
County(OSWCR): Los Angeles
Decimal Lat(OSWCR): 33.92369
Decim Long(OSWCR): -118.3352
Data Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
47	SE	0.81	4,296.80	52.66	WATER WELLS

WCR No: WCR1988-015290
Location: Northrup Avenue
City: Hawthorne
County: Los Angeles
Decimal Latitude: 33.9237
Decimal Longitude: -118.335

Location(OSWCR): Northrup Avenue
City(OSWCR): Hawthorne
County(OSWCR): Los Angeles
Decimal Lat(OSWCR): 33.92369
Decim Long(OSWCR): -118.3352
Data Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
47	SE	0.81	4,296.80	52.66	WATER WELLS

WCR No: WCR2002-011384
Location: Prarie Ave & Northrup Ave
City: Hawthorne
County: Los Angeles
Decimal Latitude: 33.9237
Decimal Longitude: -118.335
Location(OSWCR): Prarie Ave & Northrup Ave
City(OSWCR): Hawthorne
County(OSWCR): Los Angeles
Decimal Lat(OSWCR): 33.92369
Decim Long(OSWCR): -118.3352
Data Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
47	SE	0.81	4,296.80	52.66	WATER WELLS

WCR No: WCR0144081
Location:
City:
County: Los Angeles
Decimal Latitude: 33.9237
Decimal Longitude: -118.335
Location(OSWCR):
City(OSWCR):
County(OSWCR): Los Angeles
Decimal Lat(OSWCR): 33.92369
Decim Long(OSWCR): -118.3352
Data Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
47	SE	0.81	4,296.80	52.66	WATER WELLS

WCR No: WCR1988-015406
Location: 1 Northrup Avenue

City: Hawthorne
County: Los Angeles
Decimal Latitude: 33.9237
Decimal Longitude: -118.335
Location(OSWCR): 1 Northrup Avenue
City(OSWCR): Hawthorne
County(OSWCR): Los Angeles
Decimal Lat(OSWCR): 33.92369
Decim Long(OSWCR): -118.3352
Data Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
47	SE	0.81	4,296.80	52.66	WATER WELLS

WCR No: WCR0306488
Location:
City:
County: Los Angeles
Decimal Latitude: 33.9237
Decimal Longitude: -118.335
Location(OSWCR):
City(OSWCR):
County(OSWCR): Los Angeles
Decimal Lat(OSWCR): 33.92369
Decim Long(OSWCR): -118.3352
Data Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
47	SE	0.81	4,296.80	52.66	WATER WELLS

WCR No: WCR0049149
Location:
City:
County: Los Angeles
Decimal Latitude: 33.9237
Decimal Longitude: -118.335
Location(OSWCR):
City(OSWCR):
County(OSWCR): Los Angeles
Decimal Lat(OSWCR): 33.92369
Decim Long(OSWCR): -118.3352
Data Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB

47	SE	0.81	4,296.80	52.66	WATER WELLS

WCR No:	WCR0114157
Location:	
City:	
County:	Los Angeles
Decimal Latitude:	33.9237
Decimal Longitude:	-118.335
Location(OSWCR):	
City(OSWCR):	
County(OSWCR):	Los Angeles
Decimal Lat(OSWCR):	33.92369
Decim Long(OSWCR):	-118.3352
Data Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
47	SE	0.81	4,296.80	52.66	WATER WELLS

WCR No:	WCR2014-008727
Location:	3101 W El Segundo
City:	Hawthorne
County:	Los Angeles
Decimal Latitude:	33.9237
Decimal Longitude:	-118.335
Location(OSWCR):	3101 W El Segundo
City(OSWCR):	Hawthorne
County(OSWCR):	Los Angeles
Decimal Lat(OSWCR):	33.92369
Decim Long(OSWCR):	-118.3352
Data Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
47	SE	0.81	4,296.80	52.66	WATER WELLS

WCR No:	WCR2003-012844
Location:	1 Northrup Way
City:	Hawthorne
County:	Los Angeles
Decimal Latitude:	33.9237
Decimal Longitude:	-118.335
Location(OSWCR):	1 Northrup Way
City(OSWCR):	Hawthorne
County(OSWCR):	Los Angeles
Decimal Lat(OSWCR):	33.92369

Decim Long(OSWCR): -118.3352
Data Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
47	SE	0.81	4,296.80	52.66	WATER WELLS

WCR No: WCR2008-011044
Location: Crenshaw Blvd & Northrop Avenue
City: Hawthorne
County: Los Angeles
Decimal Latitude: 33.9237
Decimal Longitude: -118.335
Location(OSWCR): Crenshaw Blvd & Northrop Avenue
City(OSWCR): Hawthorne
County(OSWCR): Los Angeles
Decimal Lat(OSWCR): 33.92369
Decim Long(OSWCR): -118.3352
Data Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
47	SE	0.81	4,296.80	52.66	WATER WELLS

WCR No: WCR2003-015878
Location: One Northrup Avenue
City: Hawthorne
County: Los Angeles
Decimal Latitude: 33.9237
Decimal Longitude: -118.335
Location(OSWCR): One Northrup Avenue
City(OSWCR): Hawthorne
County(OSWCR): Los Angeles
Decimal Lat(OSWCR): 33.92369
Decim Long(OSWCR): -118.3352
Data Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
47	SE	0.81	4,296.80	52.66	WATER WELLS

WCR No: WCR0186966
Location:
City:
County: Los Angeles
Decimal Latitude: 33.9237
Decimal Longitude: -118.335

Location(OSWCR):
City(OSWCR):
County(OSWCR): Los Angeles
Decimal Lat(OSWCR): 33.92369
Decim Long(OSWCR): -118.3352
Data Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
47	SE	0.81	4,296.80	52.66	WATER WELLS

WCR No: WCR1986-009960
Location:
City:
County: Los Angeles
Decimal Latitude: 33.9237
Decimal Longitude: -118.335
Location(OSWCR):
City(OSWCR):
County(OSWCR): Los Angeles
Decimal Lat(OSWCR): 33.92369
Decim Long(OSWCR): -118.3352
Data Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
47	SE	0.81	4,296.80	52.66	WATER WELLS

WCR No: WCR2007-011358
Location: 12101 S Crenshaw Blvd
City: Hawthorne
County: Los Angeles
Decimal Latitude: 33.9237
Decimal Longitude: -118.335
Location(OSWCR): 12101 S Crenshaw Blvd
City(OSWCR): Hawthorne
County(OSWCR): Los Angeles
Decimal Lat(OSWCR): 33.92369
Decim Long(OSWCR): -118.3352
Data Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
47	SE	0.81	4,296.80	52.66	WATER WELLS

WCR No: WCR2003-012766
Location: 1 Northrup Way

City:	Hawthorne
County:	Los Angeles
Decimal Latitude:	33.9237
Decimal Longitude:	-118.335
Location(OSWCR):	1 Northrup Way
City(OSWCR):	Hawthorne
County(OSWCR):	Los Angeles
Decimal Lat(OSWCR):	33.92369
Decim Long(OSWCR):	-118.3352
Data Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
47	SE	0.81	4,296.80	52.66	WATER WELLS

WCR No:	WCR2014-008822
Location:	3101 W El Segundo
City:	Hawthorne
County:	Los Angeles
Decimal Latitude:	33.9237
Decimal Longitude:	-118.335
Location(OSWCR):	3101 W El Segundo
City(OSWCR):	Hawthorne
County(OSWCR):	Los Angeles
Decimal Lat(OSWCR):	33.92369
Decim Long(OSWCR):	-118.3352
Data Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
47	SE	0.81	4,296.80	52.66	WATER WELLS

WCR No:	WCR2004-011890
Location:	2805 El Segundo Blvd (off Crenshaw)
City:	Hawthorne
County:	Los Angeles
Decimal Latitude:	33.9237
Decimal Longitude:	-118.335
Location(OSWCR):	2805 El Segundo Blvd (off Crenshaw)
City(OSWCR):	Hawthorne
County(OSWCR):	Los Angeles
Decimal Lat(OSWCR):	33.92369
Decim Long(OSWCR):	-118.3352
Data Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB

47	SE	0.81	4,296.80	52.66	WATER WELLS

WCR No:	WCR0222967
Location:	
City:	
County:	Los Angeles
Decimal Latitude:	33.9237
Decimal Longitude:	-118.335
Location(OSWCR):	
City(OSWCR):	
County(OSWCR):	Los Angeles
Decimal Lat(OSWCR):	33.92369
Decim Long(OSWCR):	-118.3352
Data Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
47	SE	0.81	4,296.80	52.66	WATER WELLS

WCR No:	WCR1974-003143
Location:	YUKON, 119TH ST
City:	Inglewood
County:	Los Angeles
Decimal Latitude:	33.9237
Decimal Longitude:	-118.335
Location(OSWCR):	YUKON, 119TH ST
City(OSWCR):	Inglewood
County(OSWCR):	Los Angeles
Decimal Lat(OSWCR):	33.92369
Decim Long(OSWCR):	-118.3352
Data Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
47	SE	0.81	4,296.80	52.66	WATER WELLS

WCR No:	WCR2007-011337
Location:	12101 S Crenshaw Blvd
City:	Hawthorne
County:	Los Angeles
Decimal Latitude:	33.9237
Decimal Longitude:	-118.335
Location(OSWCR):	12101 S Crenshaw Blvd
City(OSWCR):	Hawthorne
County(OSWCR):	Los Angeles
Decimal Lat(OSWCR):	33.92369

Decim Long(OSWCR): -118.3352
Data Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
47	SE	0.81	4,296.80	52.66	WATER WELLS

WCR No: WCR0072101
Location:
City:
County: Los Angeles
Decimal Latitude: 33.9237
Decimal Longitude: -118.335
Location(OSWCR):
City(OSWCR):
County(OSWCR): Los Angeles
Decimal Lat(OSWCR): 33.92369
Decim Long(OSWCR): -118.3352
Data Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
47	SE	0.81	4,296.80	52.66	WATER WELLS

WCR No: WCR0155667
Location:
City:
County: Los Angeles
Decimal Latitude: 33.9237
Decimal Longitude: -118.335
Location(OSWCR):
City(OSWCR):
County(OSWCR): Los Angeles
Decimal Lat(OSWCR): 33.92369
Decim Long(OSWCR): -118.3352
Data Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
47	SE	0.81	4,296.80	52.66	WATER WELLS

WCR No: WCR1776-010931
Location:
City:
County: Los Angeles
Decimal Latitude: 33.9237
Decimal Longitude: -118.335

Location(OSWCR):
City(OSWCR):
County(OSWCR): Los Angeles
Decimal Lat(OSWCR): 33.92369
Decim Long(OSWCR): -118.3352
Data Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
47	SE	0.81	4,296.80	52.66	WATER WELLS

WCR No: WCR2014-008815
Location: 3101 W El Segundo
City: Hawthorne
County: Los Angeles
Decimal Latitude: 33.9237
Decimal Longitude: -118.335
Location(OSWCR): 3101 W El Segundo
City(OSWCR): Hawthorne
County(OSWCR): Los Angeles
Decimal Lat(OSWCR): 33.92369
Decim Long(OSWCR): -118.3352
Data Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
47	SE	0.81	4,296.80	52.66	WATER WELLS

WCR No: WCR2014-008829
Location: 3101 W El Segundo
City: Hawthorne
County: Los Angeles
Decimal Latitude: 33.9237
Decimal Longitude: -118.335
Location(OSWCR): 3101 W El Segundo
City(OSWCR): Hawthorne
County(OSWCR): Los Angeles
Decimal Lat(OSWCR): 33.92369
Decim Long(OSWCR): -118.3352
Data Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
47	SE	0.81	4,296.80	52.66	WATER WELLS

WCR No: WCR1988-015407
Location: Northrup Avenue

City:
County: Los Angeles
Decimal Latitude: 33.9237
Decimal Longitude: -118.335
Location(OSWCR): Northrup Avenue
City(OSWCR):
County(OSWCR): Los Angeles
Decimal Lat(OSWCR): 33.92369
Decim Long(OSWCR): -118.3352
Data Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
47	SE	0.81	4,296.80	52.66	WATER WELLS

WCR No: WCR1987-011819
Location:
City:
County: Los Angeles
Decimal Latitude: 33.9237
Decimal Longitude: -118.335
Location(OSWCR):
City(OSWCR):
County(OSWCR): Los Angeles
Decimal Lat(OSWCR): 33.92369
Decim Long(OSWCR): -118.3352
Data Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
47	SE	0.81	4,296.80	52.66	WATER WELLS

WCR No: WCR2014-008820
Location: 3101 W El Segundo
City: Hawthorne
County: Los Angeles
Decimal Latitude: 33.9237
Decimal Longitude: -118.335
Location(OSWCR): 3101 W El Segundo
City(OSWCR): Hawthorne
County(OSWCR): Los Angeles
Decimal Lat(OSWCR): 33.92369
Decim Long(OSWCR): -118.3352
Data Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB

47	SE	0.81	4,296.80	52.66	WATER WELLS

WCR No:	WCR1940-000168
Location:	KORNBLUM AVE, 117TH ST
City:	
County:	Los Angeles
Decimal Latitude:	33.9237
Decimal Longitude:	-118.335
Location(OSWCR):	KORNBLUM AVE, 117TH ST
City(OSWCR):	
County(OSWCR):	Los Angeles
Decimal Lat(OSWCR):	33.92369
Decim Long(OSWCR):	-118.3352
Data Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
47	SE	0.81	4,296.80	52.66	WATER WELLS

WCR No:	WCR2014-008830
Location:	3101 W El Segundo
City:	Hawthorne
County:	Los Angeles
Decimal Latitude:	33.9237
Decimal Longitude:	-118.335
Location(OSWCR):	3101 W El Segundo
City(OSWCR):	Hawthorne
County(OSWCR):	Los Angeles
Decimal Lat(OSWCR):	33.92369
Decim Long(OSWCR):	-118.3352
Data Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
47	SE	0.81	4,296.80	52.66	WATER WELLS

WCR No:	WCR0177763
Location:	
City:	
County:	Los Angeles
Decimal Latitude:	33.9237
Decimal Longitude:	-118.335
Location(OSWCR):	
City(OSWCR):	
County(OSWCR):	Los Angeles
Decimal Lat(OSWCR):	33.92369

Decim Long(OSWCR): -118.3352
Data Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
47	SE	0.81	4,296.80	52.66	WATER WELLS

WCR No: WCR2008-011104
Location: Crenshaw Blvd & Northrop Avenue
City: Hawthorne
County: Los Angeles
Decimal Latitude: 33.9237
Decimal Longitude: -118.335
Location(OSWCR): Crenshaw Blvd & Northrop Avenue
City(OSWCR): Hawthorne
County(OSWCR): Los Angeles
Decimal Lat(OSWCR): 33.92369
Decim Long(OSWCR): -118.3352
Data Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
47	SE	0.81	4,296.80	52.66	WATER WELLS

WCR No: WCR1989-017225
Location: NORTHROP AVE
City: Hawthorne
County: Los Angeles
Decimal Latitude: 33.9237
Decimal Longitude: -118.335
Location(OSWCR): NORTHROP AVE
City(OSWCR): Hawthorne
County(OSWCR): Los Angeles
Decimal Lat(OSWCR): 33.92369
Decim Long(OSWCR): -118.3352
Data Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
47	SE	0.81	4,296.80	52.66	WATER WELLS

WCR No: WCR2008-011106
Location: Crenshaw Blvd & Northrop Avenue
City: Hawthorne
County: Los Angeles
Decimal Latitude: 33.9237
Decimal Longitude: -118.335

Location(OSWCR):	Crenshaw Blvd & Northrop Avenue
City(OSWCR):	Hawthorne
County(OSWCR):	Los Angeles
Decimal Lat(OSWCR):	33.92369
Decim Long(OSWCR):	-118.3352
Data Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
47	SE	0.81	4,296.80	52.66	WATER WELLS

WCR No:	WCR1991-018128
Location:	Northrup Avenue
City:	Hawthorne
County:	Los Angeles
Decimal Latitude:	33.9237
Decimal Longitude:	-118.335
Location(OSWCR):	Northrup Avenue
City(OSWCR):	Hawthorne
County(OSWCR):	Los Angeles
Decimal Lat(OSWCR):	33.92369
Decim Long(OSWCR):	-118.3352
Data Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
47	SE	0.81	4,296.80	52.66	WATER WELLS

WCR No:	WCR2004-011889
Location:	2805 El Segundo Blvd (off Crenshaw)
City:	Hawthorne
County:	Los Angeles
Decimal Latitude:	33.9237
Decimal Longitude:	-118.335
Location(OSWCR):	2805 El Segundo Blvd (off Crenshaw)
City(OSWCR):	Hawthorne
County(OSWCR):	Los Angeles
Decimal Lat(OSWCR):	33.92369
Decim Long(OSWCR):	-118.3352
Data Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
47	SE	0.81	4,296.80	52.66	WATER WELLS

WCR No:	WCR1993-011497
Location:	4373 W 182nd Street

City:	TORRANCE
County:	Los Angeles
Decimal Latitude:	33.9237
Decimal Longitude:	-118.335
Location(OSWCR):	4373 W 182nd Street
City(OSWCR):	TORRANCE
County(OSWCR):	Los Angeles
Decimal Lat(OSWCR):	33.92369
Decim Long(OSWCR):	-118.3352
Data Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
47	SE	0.81	4,296.80	52.66	WATER WELLS

WCR No:	WCR0069858
Location:	
City:	
County:	Los Angeles
Decimal Latitude:	33.9237
Decimal Longitude:	-118.335
Location(OSWCR):	
City(OSWCR):	
County(OSWCR):	Los Angeles
Decimal Lat(OSWCR):	33.92369
Decim Long(OSWCR):	-118.3352
Data Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
47	SE	0.81	4,296.80	52.66	WATER WELLS

WCR No:	WCR2014-008726
Location:	3101 W El Segundo
City:	Hawthorne
County:	Los Angeles
Decimal Latitude:	33.9237
Decimal Longitude:	-118.335
Location(OSWCR):	3101 W El Segundo
City(OSWCR):	Hawthorne
County(OSWCR):	Los Angeles
Decimal Lat(OSWCR):	33.92369
Decim Long(OSWCR):	-118.3352
Data Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB

47	SE	0.81	4,296.80	52.66	WATER WELLS

WCR No:	WCR1924-000409
Location:	HAWTHORNE, PRAIRIE AVE, IMPERIAL ST
City:	
County:	Los Angeles
Decimal Latitude:	33.9237
Decimal Longitude:	-118.335
Location(OSWCR):	HAWTHORNE, PRAIRIE AVE, IMPERIAL ST
City(OSWCR):	
County(OSWCR):	Los Angeles
Decimal Lat(OSWCR):	33.92369
Decim Long(OSWCR):	-118.3352
Data Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
47	SE	0.81	4,296.80	52.66	WATER WELLS

WCR No:	WCR0254104
Location:	
City:	
County:	Los Angeles
Decimal Latitude:	33.9237
Decimal Longitude:	-118.335
Location(OSWCR):	
City(OSWCR):	
County(OSWCR):	Los Angeles
Decimal Lat(OSWCR):	33.92369
Decim Long(OSWCR):	-118.3352
Data Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
47	SE	0.81	4,296.80	52.66	WATER WELLS

WCR No:	WCR1946-000715
Location:	CHERRY AVE, 119TH PLACE
City:	Inglewood
County:	Los Angeles
Decimal Latitude:	33.9237
Decimal Longitude:	-118.335
Location(OSWCR):	CHERRY AVE, 119TH PLACE
City(OSWCR):	Inglewood
County(OSWCR):	Los Angeles
Decimal Lat(OSWCR):	33.92369

Decim Long(OSWCR): -118.3352
Data Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
47	SE	0.81	4,296.80	52.66	WATER WELLS

WCR No: WCR2003-012768
Location: 1 Northrup Way
City: Hawthorne
County: Los Angeles
Decimal Latitude: 33.9237
Decimal Longitude: -118.335
Location(OSWCR): 1 Northrup Way
City(OSWCR): Hawthorne
County(OSWCR): Los Angeles
Decimal Lat(OSWCR): 33.92369
Decim Long(OSWCR): -118.3352
Data Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
47	SE	0.81	4,296.80	52.66	WATER WELLS

WCR No: WCR0069859
Location:
City:
County: Los Angeles
Decimal Latitude: 33.9237
Decimal Longitude: -118.335
Location(OSWCR):
City(OSWCR):
County(OSWCR): Los Angeles
Decimal Lat(OSWCR): 33.92369
Decim Long(OSWCR): -118.3352
Data Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
47	SE	0.81	4,296.80	52.66	WATER WELLS

WCR No: WCR1988-015408
Location: Northrup Avenue
City:
County: Los Angeles
Decimal Latitude: 33.9237
Decimal Longitude: -118.335

Location(OSWCR): Northrup Avenue
City(OSWCR):
County(OSWCR): Los Angeles
Decimal Lat(OSWCR): 33.92369
Decim Long(OSWCR): -118.3352
Data Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
47	SE	0.81	4,296.80	52.66	WATER WELLS

WCR No: WCR2009-009319
Location: Crenshaw Blvd & Northrop Avenue
City: Hawthorne
County: Los Angeles
Decimal Latitude: 33.9237
Decimal Longitude: -118.335
Location(OSWCR): Crenshaw Blvd & Northrop Avenue
City(OSWCR): Hawthorne
County(OSWCR): Los Angeles
Decimal Lat(OSWCR): 33.92369
Decim Long(OSWCR): -118.3352
Data Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
47	SE	0.81	4,296.80	52.66	WATER WELLS

WCR No: WCR2014-008824
Location: 3101 W El Segundo
City: Hawthorne
County: Los Angeles
Decimal Latitude: 33.9237
Decimal Longitude: -118.335
Location(OSWCR): 3101 W El Segundo
City(OSWCR): Hawthorne
County(OSWCR): Los Angeles
Decimal Lat(OSWCR): 33.92369
Decim Long(OSWCR): -118.3352
Data Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
47	SE	0.81	4,296.80	52.66	WATER WELLS

WCR No: WCR0008655
Location:

City:
County: Los Angeles
Decimal Latitude: 33.9237
Decimal Longitude: -118.335
Location(OSWCR):
City(OSWCR):
County(OSWCR): Los Angeles
Decimal Lat(OSWCR): 33.92369
Decim Long(OSWCR): -118.3352
Data Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
47	SE	0.81	4,296.80	52.66	WATER WELLS

WCR No: WCR2003-012845
Location: 1 Northrup Way
City: Hawthorne
County: Los Angeles
Decimal Latitude: 33.9237
Decimal Longitude: -118.335
Location(OSWCR): 1 Northrup Way
City(OSWCR): Hawthorne
County(OSWCR): Los Angeles
Decimal Lat(OSWCR): 33.92369
Decim Long(OSWCR): -118.3352
Data Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
47	SE	0.81	4,296.80	52.66	WATER WELLS

WCR No: WCR2008-011105
Location: Crenshaw Blvd & Northrop Avenue
City: Hawthorne
County: Los Angeles
Decimal Latitude: 33.9237
Decimal Longitude: -118.335
Location(OSWCR): Crenshaw Blvd & Northrop Avenue
City(OSWCR): Hawthorne
County(OSWCR): Los Angeles
Decimal Lat(OSWCR): 33.92369
Decim Long(OSWCR): -118.3352
Data Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB

47	SE	0.81	4,296.80	52.66	WATER WELLS

WCR No:	WCR2008-011042
Location:	Crenshaw Blvd & Northrop Avenue
City:	Hawthorne
County:	Los Angeles
Decimal Latitude:	33.9237
Decimal Longitude:	-118.335
Location(OSWCR):	Crenshaw Blvd & Northrop Avenue
City(OSWCR):	Hawthorne
County(OSWCR):	Los Angeles
Decimal Lat(OSWCR):	33.92369
Decim Long(OSWCR):	-118.3352
Data Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
47	SE	0.81	4,296.80	52.66	WATER WELLS

WCR No:	WCR0218461
Location:	
City:	
County:	Los Angeles
Decimal Latitude:	33.9237
Decimal Longitude:	-118.335
Location(OSWCR):	
City(OSWCR):	
County(OSWCR):	Los Angeles
Decimal Lat(OSWCR):	33.92369
Decim Long(OSWCR):	-118.3352
Data Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
47	SE	0.81	4,296.80	52.66	WATER WELLS

WCR No:	WCR2014-008818
Location:	3101 W El Segundo
City:	Hawthorne
County:	Los Angeles
Decimal Latitude:	33.9237
Decimal Longitude:	-118.335
Location(OSWCR):	3101 W El Segundo
City(OSWCR):	Hawthorne
County(OSWCR):	Los Angeles
Decimal Lat(OSWCR):	33.92369

Decim Long(OSWCR): -118.3352
Data Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
47	SE	0.81	4,296.80	52.66	WATER WELLS

WCR No: WCR2012-011361
Location: 12520 Cerise Avenue
City: Hawthorne
County: Los Angeles
Decimal Latitude: 33.9237
Decimal Longitude: -118.335
Location(OSWCR): 12520 Cerise Avenue
City(OSWCR): Hawthorne
County(OSWCR): Los Angeles
Decimal Lat(OSWCR): 33.92369
Decim Long(OSWCR): -118.3352
Data Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
47	SE	0.81	4,296.80	52.66	WATER WELLS

WCR No: WCR1996-009766
Location: 131ST CRENSHAW
City: Hawthorne
County: Los Angeles
Decimal Latitude: 33.9237
Decimal Longitude: -118.335
Location(OSWCR): 131ST CRENSHAW
City(OSWCR): Hawthorne
County(OSWCR): Los Angeles
Decimal Lat(OSWCR): 33.92369
Decim Long(OSWCR): -118.3352
Data Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
47	SE	0.81	4,296.80	52.66	WATER WELLS

WCR No: WCR0264996
Location:
City:
County: Los Angeles
Decimal Latitude: 33.9237
Decimal Longitude: -118.335

Location(OSWCR):
City(OSWCR):
County(OSWCR): Los Angeles
Decimal Lat(OSWCR): 33.92369
Decim Long(OSWCR): -118.3352
Data Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
47	SE	0.81	4,296.80	52.66	WATER WELLS

WCR No: WCR1987-011817
Location:
City:
County: Los Angeles
Decimal Latitude: 33.9237
Decimal Longitude: -118.335
Location(OSWCR):
City(OSWCR):
County(OSWCR): Los Angeles
Decimal Lat(OSWCR): 33.92369
Decim Long(OSWCR): -118.3352
Data Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
47	SE	0.81	4,296.80	52.66	WATER WELLS

WCR No: WCR2006-011532
Location: Crenshaw Blvd
City: Hawthorne
County: Los Angeles
Decimal Latitude: 33.9237
Decimal Longitude: -118.335
Location(OSWCR): Crenshaw Blvd
City(OSWCR): Hawthorne
County(OSWCR): Los Angeles
Decimal Lat(OSWCR): 33.92369
Decim Long(OSWCR): -118.3352
Data Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
47	SE	0.81	4,296.80	52.66	WATER WELLS

WCR No: WCR1990-019993
Location: YUKON, 118TH PLACE

City:	Inglewood
County:	Los Angeles
Decimal Latitude:	33.9237
Decimal Longitude:	-118.335
Location(OSWCR):	YUKON, 118TH PLACE
City(OSWCR):	Inglewood
County(OSWCR):	Los Angeles
Decimal Lat(OSWCR):	33.92369
Decim Long(OSWCR):	-118.3352
Data Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
47	SE	0.81	4,296.80	52.66	WATER WELLS

WCR No:	WCR2014-008817
Location:	3101 W El Segundo
City:	Hawthorne
County:	Los Angeles
Decimal Latitude:	33.9237
Decimal Longitude:	-118.335
Location(OSWCR):	3101 W El Segundo
City(OSWCR):	Hawthorne
County(OSWCR):	Los Angeles
Decimal Lat(OSWCR):	33.92369
Decim Long(OSWCR):	-118.3352
Data Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
47	SE	0.81	4,296.80	52.66	WATER WELLS

WCR No:	WCR1974-003683
Location:	CRENSHAW, 120TH ST
City:	Inglewood
County:	Los Angeles
Decimal Latitude:	33.9237
Decimal Longitude:	-118.335
Location(OSWCR):	CRENSHAW, 120TH ST
City(OSWCR):	Inglewood
County(OSWCR):	Los Angeles
Decimal Lat(OSWCR):	33.92369
Decim Long(OSWCR):	-118.3352
Data Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB

47	SE	0.81	4,296.80	52.66	WATER WELLS

WCR No:	WCR1942-000360
Location:	YUKON, 119TH ST
City:	Inglewood
County:	Los Angeles
Decimal Latitude:	33.9237
Decimal Longitude:	-118.335
Location(OSWCR):	YUKON, 119TH ST
City(OSWCR):	Inglewood
County(OSWCR):	Los Angeles
Decimal Lat(OSWCR):	33.92369
Decim Long(OSWCR):	-118.3352
Data Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
47	SE	0.81	4,296.80	52.66	WATER WELLS

WCR No:	WCR2003-015674
Location:	1 Northrop Avenue
City:	Hawthorne
County:	Los Angeles
Decimal Latitude:	33.9237
Decimal Longitude:	-118.335
Location(OSWCR):	1 Northrop Avenue
City(OSWCR):	Hawthorne
County(OSWCR):	Los Angeles
Decimal Lat(OSWCR):	33.92369
Decim Long(OSWCR):	-118.3352
Data Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
47	SE	0.81	4,296.80	52.66	WATER WELLS

WCR No:	WCR0144082
Location:	
City:	
County:	Los Angeles
Decimal Latitude:	33.9237
Decimal Longitude:	-118.335
Location(OSWCR):	
City(OSWCR):	
County(OSWCR):	Los Angeles
Decimal Lat(OSWCR):	33.92369

Decim Long(OSWCR):	-118.3352
Data Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
47	SE	0.81	4,296.80	52.66	WATER WELLS

WCR No:	WCR2012-011353
Location:	12520 Cerise Avenue
City:	Hawthorne
County:	Los Angeles
Decimal Latitude:	33.9237
Decimal Longitude:	-118.335
Location(OSWCR):	12520 Cerise Avenue
City(OSWCR):	Hawthorne
County(OSWCR):	Los Angeles
Decimal Lat(OSWCR):	33.92369
Decim Long(OSWCR):	-118.3352
Data Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
47	SE	0.81	4,296.80	52.66	WATER WELLS

WCR No:	WCR2005-013019
Location:	One Northrup Avenue
City:	Hawthorne
County:	Los Angeles
Decimal Latitude:	33.9237
Decimal Longitude:	-118.335
Location(OSWCR):	One Northrup Avenue
City(OSWCR):	Hawthorne
County(OSWCR):	Los Angeles
Decimal Lat(OSWCR):	33.92369
Decim Long(OSWCR):	-118.3352
Data Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
47	SE	0.81	4,296.80	52.66	WATER WELLS

WCR No:	WCR2002-011385
Location:	Prarie Ave & Northrup Ave
City:	Hawthorne
County:	Los Angeles
Decimal Latitude:	33.9237
Decimal Longitude:	-118.335

Wells and Additional Sources Detail Report

Location(OSWCR):	Prarie Ave & Northrup Ave
City(OSWCR):	Hawthorne
County(OSWCR):	Los Angeles
Decimal Lat(OSWCR):	33.92369
Decim Long(OSWCR):	-118.3352
Data Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
47	SE	0.81	4,296.80	52.66	WATER WELLS

WCR No:	WCR2012-011351
Location:	12520 Cerise Avenue
City:	Hawthorne
County:	Los Angeles
Decimal Latitude:	33.9237
Decimal Longitude:	-118.335
Location(OSWCR):	12520 Cerise Avenue
City(OSWCR):	Hawthorne
County(OSWCR):	Los Angeles
Decimal Lat(OSWCR):	33.92369
Decim Long(OSWCR):	-118.3352
Data Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
47	SE	0.81	4,296.80	52.66	WATER WELLS

WCR No:	WCR0321298
Location:	
City:	
County:	Los Angeles
Decimal Latitude:	33.9237
Decimal Longitude:	-118.335
Location(OSWCR):	
City(OSWCR):	
County(OSWCR):	Los Angeles
Decimal Lat(OSWCR):	33.92369
Decim Long(OSWCR):	-118.3352
Data Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
47	SE	0.81	4,296.80	52.66	WATER WELLS

WCR No:	WCR2012-011355
Location:	12520 Cerise Avenue

City:	Hawthorne
County:	Los Angeles
Decimal Latitude:	33.9237
Decimal Longitude:	-118.335
Location(OSWCR):	12520 Cerise Avenue
City(OSWCR):	Hawthorne
County(OSWCR):	Los Angeles
Decimal Lat(OSWCR):	33.92369
Decim Long(OSWCR):	-118.3352
Data Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
47	SE	0.81	4,296.80	52.66	WATER WELLS

WCR No:	WCR1988-015409
Location:	Northrup Avenue
City:	
County:	Los Angeles
Decimal Latitude:	33.9237
Decimal Longitude:	-118.335
Location(OSWCR):	Northrup Avenue
City(OSWCR):	
County(OSWCR):	Los Angeles
Decimal Lat(OSWCR):	33.92369
Decim Long(OSWCR):	-118.3352
Data Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
47	SE	0.81	4,296.80	52.66	WATER WELLS

WCR No:	WCR2006-011531
Location:	Crenshaw Blvd
City:	Hawthorne
County:	Los Angeles
Decimal Latitude:	33.9237
Decimal Longitude:	-118.335
Location(OSWCR):	Crenshaw Blvd
City(OSWCR):	Hawthorne
County(OSWCR):	Los Angeles
Decimal Lat(OSWCR):	33.92369
Decim Long(OSWCR):	-118.3352
Data Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB

47	SE	0.81	4,296.80	52.66	WATER WELLS

WCR No:	WCR2007-011359
Location:	12101 S Crenshaw Blvd
City:	Hawthorne
County:	Los Angeles
Decimal Latitude:	33.9237
Decimal Longitude:	-118.335
Location(OSWCR):	12101 S Crenshaw Blvd
City(OSWCR):	Hawthorne
County(OSWCR):	Los Angeles
Decimal Lat(OSWCR):	33.92369
Decim Long(OSWCR):	-118.3352
Data Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
47	SE	0.81	4,296.80	52.66	WATER WELLS

WCR No:	WCR2008-011107
Location:	Crenshaw Blvd & Northrop Avenue
City:	Hawthorne
County:	Los Angeles
Decimal Latitude:	33.9237
Decimal Longitude:	-118.335
Location(OSWCR):	Crenshaw Blvd & Northrop Avenue
City(OSWCR):	Hawthorne
County(OSWCR):	Los Angeles
Decimal Lat(OSWCR):	33.92369
Decim Long(OSWCR):	-118.3352
Data Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
47	SE	0.81	4,296.80	52.66	WATER WELLS

WCR No:	WCR2014-008814
Location:	3101 W El Segundo
City:	Hawthorne
County:	Los Angeles
Decimal Latitude:	33.9237
Decimal Longitude:	-118.335
Location(OSWCR):	3101 W El Segundo
City(OSWCR):	Hawthorne
County(OSWCR):	Los Angeles
Decimal Lat(OSWCR):	33.92369

Decim Long(OSWCR): -118.3352
Data Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
47	SE	0.81	4,296.80	52.66	WATER WELLS

WCR No: WCR2014-008833
Location: 3101 W El Segundo
City: Hawthorne
County: Los Angeles
Decimal Latitude: 33.9237
Decimal Longitude: -118.335
Location(OSWCR): 3101 W El Segundo
City(OSWCR): Hawthorne
County(OSWCR): Los Angeles
Decimal Lat(OSWCR): 33.92369
Decim Long(OSWCR): -118.3352
Data Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
47	SE	0.81	4,296.80	52.66	WATER WELLS

WCR No: WCR2014-008728
Location: 3101 W El Segundo
City: Hawthorne
County: Los Angeles
Decimal Latitude: 33.9237
Decimal Longitude: -118.335
Location(OSWCR): 3101 W El Segundo
City(OSWCR): Hawthorne
County(OSWCR): Los Angeles
Decimal Lat(OSWCR): 33.92369
Decim Long(OSWCR): -118.3352
Data Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
47	SE	0.81	4,296.80	52.66	WATER WELLS

WCR No: WCR0103701
Location:
City:
County: Los Angeles
Decimal Latitude: 33.9237
Decimal Longitude: -118.335

Location(OSWCR):
City(OSWCR):
County(OSWCR): Los Angeles
Decimal Lat(OSWCR): 33.92369
Decim Long(OSWCR): -118.3352
Data Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
47	SE	0.81	4,296.80	52.66	WATER WELLS

WCR No: WCR0250895
Location:
City:
County: Los Angeles
Decimal Latitude: 33.9237
Decimal Longitude: -118.335
Location(OSWCR):
City(OSWCR):
County(OSWCR): Los Angeles
Decimal Lat(OSWCR): 33.92369
Decim Long(OSWCR): -118.3352
Data Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
47	SE	0.81	4,296.80	52.66	WATER WELLS

WCR No: WCR0309714
Location:
City:
County: Los Angeles
Decimal Latitude: 33.9237
Decimal Longitude: -118.335
Location(OSWCR):
City(OSWCR):
County(OSWCR): Los Angeles
Decimal Lat(OSWCR): 33.92369
Decim Long(OSWCR): -118.3352
Data Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
47	SE	0.81	4,296.80	52.66	WATER WELLS

WCR No: WCR2010-010424
Location: El Segundo Boulevard & Roselle Avenue

City:	Hawthorne
County:	Los Angeles
Decimal Latitude:	33.9237
Decimal Longitude:	-118.335
Location(OSWCR):	El Segundo Boulevard & Roselle Avenue
City(OSWCR):	Hawthorne
County(OSWCR):	Los Angeles
Decimal Lat(OSWCR):	33.92369
Decim Long(OSWCR):	-118.3352
Data Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
47	SE	0.81	4,296.80	52.66	WATER WELLS

WCR No:	WCR2007-011360
Location:	12101 S Crenshaw Blvd
City:	Hawthorne
County:	Los Angeles
Decimal Latitude:	33.9237
Decimal Longitude:	-118.335
Location(OSWCR):	12101 S Crenshaw Blvd
City(OSWCR):	Hawthorne
County(OSWCR):	Los Angeles
Decimal Lat(OSWCR):	33.92369
Decim Long(OSWCR):	-118.3352
Data Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
47	SE	0.81	4,296.80	52.66	WATER WELLS

WCR No:	WCR2014-008828
Location:	3101 W El Segundo
City:	Hawthorne
County:	Los Angeles
Decimal Latitude:	33.9237
Decimal Longitude:	-118.335
Location(OSWCR):	3101 W El Segundo
City(OSWCR):	Hawthorne
County(OSWCR):	Los Angeles
Decimal Lat(OSWCR):	33.92369
Decim Long(OSWCR):	-118.3352
Data Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB

47	SE	0.81	4,296.80	52.66	WATER WELLS

WCR No:	WCR0169913
Location:	
City:	
County:	Los Angeles
Decimal Latitude:	33.9237
Decimal Longitude:	-118.335
Location(OSWCR):	
City(OSWCR):	
County(OSWCR):	Los Angeles
Decimal Lat(OSWCR):	33.92369
Decim Long(OSWCR):	-118.3352
Data Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
47	SE	0.81	4,296.80	52.66	WATER WELLS

WCR No:	WCR2014-008827
Location:	3101 W El Segundo
City:	Hawthorne
County:	Los Angeles
Decimal Latitude:	33.9237
Decimal Longitude:	-118.335
Location(OSWCR):	3101 W El Segundo
City(OSWCR):	Hawthorne
County(OSWCR):	Los Angeles
Decimal Lat(OSWCR):	33.92369
Decim Long(OSWCR):	-118.3352
Data Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
47	SE	0.81	4,296.80	52.66	WATER WELLS

WCR No:	WCR0253811
Location:	
City:	
County:	Los Angeles
Decimal Latitude:	33.9237
Decimal Longitude:	-118.335
Location(OSWCR):	
City(OSWCR):	
County(OSWCR):	Los Angeles
Decimal Lat(OSWCR):	33.92369

Decim Long(OSWCR):	-118.3352
Data Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
47	SE	0.81	4,296.80	52.66	WATER WELLS

WCR No:	WCR2012-011352
Location:	12520 Cerise Avenue
City:	Hawthorne
County:	Los Angeles
Decimal Latitude:	33.9237
Decimal Longitude:	-118.335
Location(OSWCR):	12520 Cerise Avenue
City(OSWCR):	Hawthorne
County(OSWCR):	Los Angeles
Decimal Lat(OSWCR):	33.92369
Decim Long(OSWCR):	-118.3352
Data Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
47	SE	0.81	4,296.80	52.66	WATER WELLS

WCR No:	WCR1776-008382
Location:	
City:	Inglewood
County:	Los Angeles
Decimal Latitude:	33.9237
Decimal Longitude:	-118.335
Location(OSWCR):	
City(OSWCR):	Inglewood
County(OSWCR):	Los Angeles
Decimal Lat(OSWCR):	33.92369
Decim Long(OSWCR):	-118.3352
Data Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
47	SE	0.81	4,296.80	52.66	WATER WELLS

WCR No:	WCR2014-008823
Location:	3101 W El Segundo
City:	Hawthorne
County:	Los Angeles
Decimal Latitude:	33.9237
Decimal Longitude:	-118.335

Wells and Additional Sources Detail Report

Location(OSWCR):	3101 W El Segundo
City(OSWCR):	Hawthorne
County(OSWCR):	Los Angeles
Decimal Lat(OSWCR):	33.92369
Decim Long(OSWCR):	-118.3352
Data Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
47	SE	0.81	4,296.80	52.66	WATER WELLS

WCR No:	WCR0125141
Location:	
City:	
County:	Los Angeles
Decimal Latitude:	33.9237
Decimal Longitude:	-118.335
Location(OSWCR):	
City(OSWCR):	
County(OSWCR):	Los Angeles
Decimal Lat(OSWCR):	33.92369
Decim Long(OSWCR):	-118.3352
Data Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
47	SE	0.81	4,296.80	52.66	WATER WELLS

WCR No:	WCR2001-010698
Location:	
City:	
County:	Los Angeles
Decimal Latitude:	33.9237
Decimal Longitude:	-118.335
Location(OSWCR):	
City(OSWCR):	
County(OSWCR):	Los Angeles
Decimal Lat(OSWCR):	33.92369
Decim Long(OSWCR):	-118.3352
Data Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
47	SE	0.81	4,296.80	52.66	WATER WELLS

WCR No:	WCR1988-015410
Location:	Northrup Avenue

City:
County: Los Angeles
Decimal Latitude: 33.9237
Decimal Longitude: -118.335
Location(OSWCR): Northrup Avenue
City(OSWCR):
County(OSWCR): Los Angeles
Decimal Lat(OSWCR): 33.92369
Decim Long(OSWCR): -118.3352
Data Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
47	SE	0.81	4,296.80	52.66	WATER WELLS

WCR No: WCR0290756
Location:
City:
County: Los Angeles
Decimal Latitude: 33.9237
Decimal Longitude: -118.335
Location(OSWCR):
City(OSWCR):
County(OSWCR): Los Angeles
Decimal Lat(OSWCR): 33.92369
Decim Long(OSWCR): -118.3352
Data Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
47	SE	0.81	4,296.80	52.66	WATER WELLS

WCR No: WCR1988-015405
Location: Northrup Avenue
City: Hawthorne
County: Los Angeles
Decimal Latitude: 33.9237
Decimal Longitude: -118.335
Location(OSWCR): Northrup Avenue
City(OSWCR): Hawthorne
County(OSWCR): Los Angeles
Decimal Lat(OSWCR): 33.92369
Decim Long(OSWCR): -118.3352
Data Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB

47	SE	0.81	4,296.80	52.66	WATER WELLS

WCR No:	WCR0299909
Location:	
City:	
County:	Los Angeles
Decimal Latitude:	33.9237
Decimal Longitude:	-118.335
Location(OSWCR):	
City(OSWCR):	
County(OSWCR):	Los Angeles
Decimal Lat(OSWCR):	33.92369
Decim Long(OSWCR):	-118.3352
Data Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
47	SE	0.81	4,296.80	52.66	WATER WELLS

WCR No:	WCR1996-009765
Location:	131ST CRENSHAW
City:	Hawthorne
County:	Los Angeles
Decimal Latitude:	33.9237
Decimal Longitude:	-118.335
Location(OSWCR):	131ST CRENSHAW
City(OSWCR):	Hawthorne
County(OSWCR):	Los Angeles
Decimal Lat(OSWCR):	33.92369
Decim Long(OSWCR):	-118.3352
Data Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
47	SE	0.81	4,296.80	52.66	WATER WELLS

WCR No:	WCR2003-012765
Location:	1 Northrup Way
City:	Hawthorne
County:	Los Angeles
Decimal Latitude:	33.9237
Decimal Longitude:	-118.335
Location(OSWCR):	1 Northrup Way
City(OSWCR):	Hawthorne
County(OSWCR):	Los Angeles
Decimal Lat(OSWCR):	33.92369

Decim Long(OSWCR): -118.3352
Data Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
47	SE	0.81	4,296.80	52.66	WATER WELLS

WCR No: WCR0053355
Location:
City:
County: Los Angeles
Decimal Latitude: 33.9237
Decimal Longitude: -118.335
Location(OSWCR):
City(OSWCR):
County(OSWCR): Los Angeles
Decimal Lat(OSWCR): 33.92369
Decim Long(OSWCR): -118.3352
Data Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
47	SE	0.81	4,296.80	52.66	WATER WELLS

WCR No: WCR2003-012764
Location: 1 Northrup Way
City: Hawthorne
County: Los Angeles
Decimal Latitude: 33.9237
Decimal Longitude: -118.335
Location(OSWCR): 1 Northrup Way
City(OSWCR): Hawthorne
County(OSWCR): Los Angeles
Decimal Lat(OSWCR): 33.92369
Decim Long(OSWCR): -118.3352
Data Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
47	SE	0.81	4,296.80	52.66	WATER WELLS

WCR No: WCR0027802
Location:
City:
County: Los Angeles
Decimal Latitude: 33.9237
Decimal Longitude: -118.335

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Location(OSWCR):
City(OSWCR):
County(OSWCR): Los Angeles
Decimal Lat(OSWCR): 33.92369
Decim Long(OSWCR): -118.3352
Data Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
47	SE	0.81	4,296.80	52.66	WATER WELLS

WCR No: WCR1996-010958
Location: CRENSHAW, NORTHROP
City: Hawthorne
County: Los Angeles
Decimal Latitude: 33.9237
Decimal Longitude: -118.335
Location(OSWCR): CRENSHAW, NORTHROP
City(OSWCR): Hawthorne
County(OSWCR): Los Angeles
Decimal Lat(OSWCR): 33.92369
Decim Long(OSWCR): -118.3352
Data Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
47	SE	0.81	4,296.80	52.66	WATER WELLS

WCR No: WCR2007-011995
Location: 1 Northrop Avenue
City: Hawthorne
County: Los Angeles
Decimal Latitude: 33.9237
Decimal Longitude: -118.335
Location(OSWCR): 1 Northrop Avenue
City(OSWCR): Hawthorne
County(OSWCR): Los Angeles
Decimal Lat(OSWCR): 33.92369
Decim Long(OSWCR): -118.3352
Data Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
47	SE	0.81	4,296.80	52.66	WATER WELLS

WCR No: WCR1988-015411
Location: Northrup Avenue

City:
County: Los Angeles
Decimal Latitude: 33.9237
Decimal Longitude: -118.335
Location(OSWCR): Northrup Avenue
City(OSWCR):
County(OSWCR): Los Angeles
Decimal Lat(OSWCR): 33.92369
Decim Long(OSWCR): -118.3352
Data Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
47	SE	0.81	4,296.80	52.66	WATER WELLS

WCR No: WCR2014-008826
Location: 3101 W El Segundo
City: Hawthorne
County: Los Angeles
Decimal Latitude: 33.9237
Decimal Longitude: -118.335
Location(OSWCR): 3101 W El Segundo
City(OSWCR): Hawthorne
County(OSWCR): Los Angeles
Decimal Lat(OSWCR): 33.92369
Decim Long(OSWCR): -118.3352
Data Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
47	SE	0.81	4,296.80	52.66	WATER WELLS

WCR No: WCR1987-011815
Location:
City:
County: Los Angeles
Decimal Latitude: 33.9237
Decimal Longitude: -118.335
Location(OSWCR):
City(OSWCR):
County(OSWCR): Los Angeles
Decimal Lat(OSWCR): 33.92369
Decim Long(OSWCR): -118.3352
Data Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB

47	SE	0.81	4,296.80	52.66	WATER WELLS

WCR No:	WCR2014-008825
Location:	3101 W El Segundo
City:	Hawthorne
County:	Los Angeles
Decimal Latitude:	33.9237
Decimal Longitude:	-118.335
Location(OSWCR):	3101 W El Segundo
City(OSWCR):	Hawthorne
County(OSWCR):	Los Angeles
Decimal Lat(OSWCR):	33.92369
Decim Long(OSWCR):	-118.3352
Data Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
47	SE	0.81	4,296.80	52.66	WATER WELLS

WCR No:	WCR2007-011996
Location:	1 Northrop Avenue
City:	Hawthorne
County:	Los Angeles
Decimal Latitude:	33.9237
Decimal Longitude:	-118.335
Location(OSWCR):	1 Northrop Avenue
City(OSWCR):	Hawthorne
County(OSWCR):	Los Angeles
Decimal Lat(OSWCR):	33.92369
Decim Long(OSWCR):	-118.3352
Data Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
47	SE	0.81	4,296.80	52.66	WATER WELLS

WCR No:	WCR1924-000166
Location:	PRAIRIE AVE, IMPERIAL ST
City:	Hawthorne
County:	Los Angeles
Decimal Latitude:	33.9237
Decimal Longitude:	-118.335
Location(OSWCR):	PRAIRIE AVE, IMPERIAL ST
City(OSWCR):	Hawthorne
County(OSWCR):	Los Angeles
Decimal Lat(OSWCR):	33.92369

Decim Long(OSWCR): -118.3352
Data Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
47	SE	0.81	4,296.80	52.66	WATER WELLS

WCR No: WCR0227890
Location:
City:
County: Los Angeles
Decimal Latitude: 33.9237
Decimal Longitude: -118.335
Location(OSWCR):
City(OSWCR):
County(OSWCR): Los Angeles
Decimal Lat(OSWCR): 33.92369
Decim Long(OSWCR): -118.3352
Data Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
47	SE	0.81	4,296.80	52.66	WATER WELLS

WCR No: WCR0227227
Location:
City:
County: Los Angeles
Decimal Latitude: 33.9237
Decimal Longitude: -118.335
Location(OSWCR):
City(OSWCR):
County(OSWCR): Los Angeles
Decimal Lat(OSWCR): 33.92369
Decim Long(OSWCR): -118.3352
Data Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
47	SE	0.81	4,296.80	52.66	WATER WELLS

WCR No: WCR0082985
Location:
City:
County: Los Angeles
Decimal Latitude: 33.9237
Decimal Longitude: -118.335

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Location(OSWCR):
City(OSWCR):
County(OSWCR): Los Angeles
Decimal Lat(OSWCR): 33.92369
Decim Long(OSWCR): -118.3352
Data Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
47	SE	0.81	4,296.80	52.66	WATER WELLS

WCR No: WCR2014-008821
Location: 3101 W El Segundo
City: Hawthorne
County: Los Angeles
Decimal Latitude: 33.9237
Decimal Longitude: -118.335
Location(OSWCR): 3101 W El Segundo
City(OSWCR): Hawthorne
County(OSWCR): Los Angeles
Decimal Lat(OSWCR): 33.92369
Decim Long(OSWCR): -118.3352
Data Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
47	SE	0.81	4,296.80	52.66	WATER WELLS

WCR No: WCR2005-013020
Location: One Northrup Avenue
City: Hawthorne
County: Los Angeles
Decimal Latitude: 33.9237
Decimal Longitude: -118.335
Location(OSWCR): One Northrup Avenue
City(OSWCR): Hawthorne
County(OSWCR): Los Angeles
Decimal Lat(OSWCR): 33.92369
Decim Long(OSWCR): -118.3352
Data Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
47	SE	0.81	4,296.80	52.66	WATER WELLS

WCR No: WCR2001-012574
Location:

City:
County: Los Angeles
Decimal Latitude: 33.9237
Decimal Longitude: -118.335
Location(OSWCR):
City(OSWCR):
County(OSWCR): Los Angeles
Decimal Lat(OSWCR): 33.92369
Decim Long(OSWCR): -118.3352
Data Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
47	SE	0.81	4,296.80	52.66	WATER WELLS

WCR No: WCR2014-008832
Location: 3101 W El Segundo
City: Hawthorne
County: Los Angeles
Decimal Latitude: 33.9237
Decimal Longitude: -118.335
Location(OSWCR): 3101 W El Segundo
City(OSWCR): Hawthorne
County(OSWCR): Los Angeles
Decimal Lat(OSWCR): 33.92369
Decim Long(OSWCR): -118.3352
Data Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
47	SE	0.81	4,296.80	52.66	WATER WELLS

WCR No: WCR1987-011818
Location:
City:
County: Los Angeles
Decimal Latitude: 33.9237
Decimal Longitude: -118.335
Location(OSWCR):
City(OSWCR):
County(OSWCR): Los Angeles
Decimal Lat(OSWCR): 33.92369
Decim Long(OSWCR): -118.3352
Data Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB

47	SE	0.81	4,296.80	52.66	WATER WELLS

WCR No:	WCR2012-011358
Location:	12520 Cerise Avenue
City:	Hawthorne
County:	Los Angeles
Decimal Latitude:	33.9237
Decimal Longitude:	-118.335
Location(OSWCR):	12520 Cerise Avenue
City(OSWCR):	Hawthorne
County(OSWCR):	Los Angeles
Decimal Lat(OSWCR):	33.92369
Decim Long(OSWCR):	-118.3352
Data Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
47	SE	0.81	4,296.80	52.66	WATER WELLS

WCR No:	WCR0125140
Location:	
City:	
County:	Los Angeles
Decimal Latitude:	33.9237
Decimal Longitude:	-118.335
Location(OSWCR):	
City(OSWCR):	
County(OSWCR):	Los Angeles
Decimal Lat(OSWCR):	33.92369
Decim Long(OSWCR):	-118.3352
Data Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
47	SE	0.81	4,296.80	52.66	WATER WELLS

WCR No:	WCR2012-011356
Location:	12520 Cerise Avenue
City:	Hawthorne
County:	Los Angeles
Decimal Latitude:	33.9237
Decimal Longitude:	-118.335
Location(OSWCR):	12520 Cerise Avenue
City(OSWCR):	Hawthorne
County(OSWCR):	Los Angeles
Decimal Lat(OSWCR):	33.92369

Decim Long(OSWCR): -118.3352
Data Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
47	SE	0.81	4,296.80	52.66	WATER WELLS

WCR No: WCR2007-011994
Location: 1 Northrop Avenue
City: Hawthorne
County: Los Angeles
Decimal Latitude: 33.9237
Decimal Longitude: -118.335
Location(OSWCR): 1 Northrop Avenue
City(OSWCR): Hawthorne
County(OSWCR): Los Angeles
Decimal Lat(OSWCR): 33.92369
Decim Long(OSWCR): -118.3352
Data Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
47	SE	0.81	4,296.80	52.66	WATER WELLS

WCR No: WCR2014-008724
Location: 3101 W El Segundo
City: Hawthorne
County: Los Angeles
Decimal Latitude: 33.9237
Decimal Longitude: -118.335
Location(OSWCR): 3101 W El Segundo
City(OSWCR): Hawthorne
County(OSWCR): Los Angeles
Decimal Lat(OSWCR): 33.92369
Decim Long(OSWCR): -118.3352
Data Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
47	SE	0.81	4,296.80	52.66	WATER WELLS

WCR No: WCR2003-012847
Location: 1 Northrup Way
City: Hawthorne
County: Los Angeles
Decimal Latitude: 33.9237
Decimal Longitude: -118.335

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Location(OSWCR):	1 Northrup Way
City(OSWCR):	Hawthorne
County(OSWCR):	Los Angeles
Decimal Lat(OSWCR):	33.92369
Decim Long(OSWCR):	-118.3352
Data Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
47	SE	0.81	4,296.80	52.66	WATER WELLS

WCR No:	WCR0070535
Location:	
City:	
County:	Los Angeles
Decimal Latitude:	33.9237
Decimal Longitude:	-118.335
Location(OSWCR):	
City(OSWCR):	
County(OSWCR):	Los Angeles
Decimal Lat(OSWCR):	33.92369
Decim Long(OSWCR):	-118.3352
Data Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
47	SE	0.81	4,296.80	52.66	WATER WELLS

WCR No:	WCR0242152
Location:	
City:	
County:	Los Angeles
Decimal Latitude:	33.9237
Decimal Longitude:	-118.335
Location(OSWCR):	
City(OSWCR):	
County(OSWCR):	Los Angeles
Decimal Lat(OSWCR):	33.92369
Decim Long(OSWCR):	-118.3352
Data Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
47	SE	0.81	4,296.80	52.66	WATER WELLS

WCR No:	WCR1974-003684
Location:	CRENSHAW, 120TH ST

City:	Inglewood
County:	Los Angeles
Decimal Latitude:	33.9237
Decimal Longitude:	-118.335
Location(OSWCR):	CRENSHAW, 120TH ST
City(OSWCR):	Inglewood
County(OSWCR):	Los Angeles
Decimal Lat(OSWCR):	33.92369
Decim Long(OSWCR):	-118.3352
Data Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
47	SE	0.81	4,296.80	52.66	WATER WELLS

WCR No:	WCR0031538
Location:	
City:	
County:	Los Angeles
Decimal Latitude:	33.9237
Decimal Longitude:	-118.335
Location(OSWCR):	
City(OSWCR):	
County(OSWCR):	Los Angeles
Decimal Lat(OSWCR):	33.92369
Decim Long(OSWCR):	-118.3352
Data Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
47	SE	0.81	4,296.80	52.66	WATER WELLS

WCR No:	WCR2002-011386
Location:	Prarie Ave & Northrup Ave
City:	Hawthorne
County:	Los Angeles
Decimal Latitude:	33.9237
Decimal Longitude:	-118.335
Location(OSWCR):	Prarie Ave & Northrup Ave
City(OSWCR):	Hawthorne
County(OSWCR):	Los Angeles
Decimal Lat(OSWCR):	33.92369
Decim Long(OSWCR):	-118.3352
Data Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB

47	SE	0.81	4,296.80	52.66	WATER WELLS

WCR No:	WCR2014-008819
Location:	3101 W El Segundo
City:	Hawthorne
County:	Los Angeles
Decimal Latitude:	33.9237
Decimal Longitude:	-118.335
Location(OSWCR):	3101 W El Segundo
City(OSWCR):	Hawthorne
County(OSWCR):	Los Angeles
Decimal Lat(OSWCR):	33.92369
Decim Long(OSWCR):	-118.3352
Data Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
47	SE	0.81	4,296.80	52.66	WATER WELLS

WCR No:	WCR2008-011043
Location:	Crenshaw Blvd & Northrop Avenue
City:	Hawthorne
County:	Los Angeles
Decimal Latitude:	33.9237
Decimal Longitude:	-118.335
Location(OSWCR):	Crenshaw Blvd & Northrop Avenue
City(OSWCR):	Hawthorne
County(OSWCR):	Los Angeles
Decimal Lat(OSWCR):	33.92369
Decim Long(OSWCR):	-118.3352
Data Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
47	SE	0.81	4,296.80	52.66	WATER WELLS

WCR No:	WCR1996-009767
Location:	131ST CRENSHAW
City:	Hawthorne
County:	Los Angeles
Decimal Latitude:	33.9237
Decimal Longitude:	-118.335
Location(OSWCR):	131ST CRENSHAW
City(OSWCR):	Hawthorne
County(OSWCR):	Los Angeles
Decimal Lat(OSWCR):	33.92369

Decim Long(OSWCR): -118.3352
Data Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
47	SE	0.81	4,296.80	52.66	WATER WELLS

WCR No: WCR1940-000270
Location: KORNBLUM AVENUE, 117TH STREET
City:
County: Los Angeles
Decimal Latitude: 33.9237
Decimal Longitude: -118.335
Location(OSWCR): KORNBLUM AVENUE, 117TH STREET
City(OSWCR):
County(OSWCR): Los Angeles
Decimal Lat(OSWCR): 33.92369
Decim Long(OSWCR): -118.3352
Data Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
47	SE	0.81	4,296.80	52.66	WATER WELLS

WCR No: WCR0239019
Location:
City:
County: Los Angeles
Decimal Latitude: 33.9237
Decimal Longitude: -118.335
Location(OSWCR):
City(OSWCR):
County(OSWCR): Los Angeles
Decimal Lat(OSWCR): 33.92369
Decim Long(OSWCR): -118.3352
Data Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
47	SE	0.81	4,296.80	52.66	WATER WELLS

WCR No: WCR2012-011357
Location: 12520 Cerise Avenue
City: Hawthorne
County: Los Angeles
Decimal Latitude: 33.9237
Decimal Longitude: -118.335

Location(OSWCR): 12520 Cerise Avenue
City(OSWCR): Hawthorne
County(OSWCR): Los Angeles
Decimal Lat(OSWCR): 33.92369
Decim Long(OSWCR): -118.3352
Data Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
47	SE	0.81	4,296.80	52.66	WATER WELLS

WCR No: WCR2003-015657
Location: 1 Northrop Avenue
City: Hawthorne
County: Los Angeles
Decimal Latitude: 33.9237
Decimal Longitude: -118.335
Location(OSWCR): 1 Northrop Avenue
City(OSWCR): Hawthorne
County(OSWCR): Los Angeles
Decimal Lat(OSWCR): 33.92369
Decim Long(OSWCR): -118.3352
Data Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
47	SE	0.81	4,296.80	52.66	WATER WELLS

WCR No: WCR0186840
Location:
City:
County: Los Angeles
Decimal Latitude: 33.9237
Decimal Longitude: -118.335
Location(OSWCR):
City(OSWCR):
County(OSWCR): Los Angeles
Decimal Lat(OSWCR): 33.92369
Decim Long(OSWCR): -118.3352
Data Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
47	SE	0.81	4,296.80	52.66	WATER WELLS

WCR No: WCR2004-011888
Location: 2805 El Segundo Blvd (off Crenshaw)

City:	Hawthorne
County:	Los Angeles
Decimal Latitude:	33.9237
Decimal Longitude:	-118.335
Location(OSWCR):	2805 El Segundo Blvd (off Crenshaw)
City(OSWCR):	Hawthorne
County(OSWCR):	Los Angeles
Decimal Lat(OSWCR):	33.92369
Decim Long(OSWCR):	-118.3352
Data Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
47	SE	0.81	4,296.80	52.66	WATER WELLS

WCR No:	WCR2014-011941
Location:	2800 W 120th Street
City:	Hawthorne
County:	Los Angeles
Decimal Latitude:	33.9237
Decimal Longitude:	-118.335
Location(OSWCR):	2800 W 120th Street
City(OSWCR):	Hawthorne
County(OSWCR):	Los Angeles
Decimal Lat(OSWCR):	33.92369
Decim Long(OSWCR):	-118.3352
Data Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
47	SE	0.81	4,296.80	52.66	WATER WELLS

WCR No:	WCR1946-000947
Location:	CHERRY AVE, 119TH PLACE
City:	Inglewood
County:	Los Angeles
Decimal Latitude:	33.9237
Decimal Longitude:	-118.335
Location(OSWCR):	CHERRY AVE, 119TH PLACE
City(OSWCR):	Inglewood
County(OSWCR):	Los Angeles
Decimal Lat(OSWCR):	33.92369
Decim Long(OSWCR):	-118.3352
Data Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
47	SE	0.81	4,296.80	52.66	WATER WELLS

WCR No: WCR0007992
Location:
City:
County: Los Angeles
Decimal Latitude: 33.9237
Decimal Longitude: -118.335
Location(OSWCR):
City(OSWCR):
County(OSWCR): Los Angeles
Decimal Lat(OSWCR): 33.92369
Decim Long(OSWCR): -118.3352
Data Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
47	SE	0.81	4,296.80	52.66	WATER WELLS

WCR No: WCR1995-011782
Location: HAWTHORNE
City: Hawthorne
County: Los Angeles
Decimal Latitude: 33.9237
Decimal Longitude: -118.335
Location(OSWCR): HAWTHORNE
City(OSWCR): Hawthorne
County(OSWCR): Los Angeles
Decimal Lat(OSWCR): 33.92369
Decim Long(OSWCR): -118.3352
Data Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
47	SE	0.81	4,296.80	52.66	WATER WELLS

WCR No: WCR1995-011783
Location: HAWTHORNE
City: Hawthorne
County: Los Angeles
Decimal Latitude: 33.9237
Decimal Longitude: -118.335
Location(OSWCR): HAWTHORNE
City(OSWCR): Hawthorne
County(OSWCR): Los Angeles
Decimal Lat(OSWCR): 33.92369

Decim Long(OSWCR): -118.3352
Data Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
47	SE	0.81	4,296.80	52.66	WATER WELLS

WCR No: WCR2012-011350
Location: 12520 Cerise Avenue
City: Hawthorne
County: Los Angeles
Decimal Latitude: 33.9237
Decimal Longitude: -118.335
Location(OSWCR): 12520 Cerise Avenue
City(OSWCR): Hawthorne
County(OSWCR): Los Angeles
Decimal Lat(OSWCR): 33.92369
Decim Long(OSWCR): -118.3352
Data Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
47	SE	0.81	4,296.80	52.66	WATER WELLS

WCR No: WCR2010-010425
Location: El Segundo Boulevard & Roselle Avenue
City: Hawthorne
County: Los Angeles
Decimal Latitude: 33.9237
Decimal Longitude: -118.335
Location(OSWCR): El Segundo Boulevard & Roselle Avenue
City(OSWCR): Hawthorne
County(OSWCR): Los Angeles
Decimal Lat(OSWCR): 33.92369
Decim Long(OSWCR): -118.3352
Data Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
47	SE	0.81	4,296.80	52.66	WATER WELLS

WCR No: WCR2014-008831
Location: 3101 W El Segundo
City: Hawthorne
County: Los Angeles
Decimal Latitude: 33.9237
Decimal Longitude: -118.335

Wells and Additional Sources Detail Report

Location(OSWCR):	3101 W El Segundo
City(OSWCR):	Hawthorne
County(OSWCR):	Los Angeles
Decimal Lat(OSWCR):	33.92369
Decim Long(OSWCR):	-118.3352
Data Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
47	SE	0.81	4,296.80	52.66	WATER WELLS

WCR No:	WCR0227228
Location:	
City:	
County:	Los Angeles
Decimal Latitude:	33.9237
Decimal Longitude:	-118.335
Location(OSWCR):	
City(OSWCR):	
County(OSWCR):	Los Angeles
Decimal Lat(OSWCR):	33.92369
Decim Long(OSWCR):	-118.3352
Data Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
47	SE	0.81	4,296.80	52.66	WATER WELLS

WCR No:	WCR2003-012846
Location:	1 Northrup Way
City:	Hawthorne
County:	Los Angeles
Decimal Latitude:	33.9237
Decimal Longitude:	-118.335
Location(OSWCR):	1 Northrup Way
City(OSWCR):	Hawthorne
County(OSWCR):	Los Angeles
Decimal Lat(OSWCR):	33.92369
Decim Long(OSWCR):	-118.3352
Data Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
47	SE	0.81	4,296.80	52.66	WATER WELLS

WCR No:	WCR1986-009961
Location:	

City:
County: Los Angeles
Decimal Latitude: 33.9237
Decimal Longitude: -118.335
Location(OSWCR):
City(OSWCR):
County(OSWCR): Los Angeles
Decimal Lat(OSWCR): 33.92369
Decim Long(OSWCR): -118.3352
Data Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
47	SE	0.81	4,296.80	52.66	WATER WELLS

WCR No: WCR2004-011891
Location: 2805 El Segundo Blvd (off Crenshaw)
City: Hawthorne
County: Los Angeles
Decimal Latitude: 33.9237
Decimal Longitude: -118.335
Location(OSWCR): 2805 El Segundo Blvd (off Crenshaw)
City(OSWCR): Hawthorne
County(OSWCR): Los Angeles
Decimal Lat(OSWCR): 33.92369
Decim Long(OSWCR): -118.3352
Data Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
47	SE	0.81	4,296.80	52.66	WATER WELLS

WCR No: WCR1991-018127
Location: NORTHROP AVE
City: Hawthorne
County: Los Angeles
Decimal Latitude: 33.9237
Decimal Longitude: -118.335
Location(OSWCR): NORTHROP AVE
City(OSWCR): Hawthorne
County(OSWCR): Los Angeles
Decimal Lat(OSWCR): 33.92369
Decim Long(OSWCR): -118.3352
Data Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB

48	SE	0.82	4,318.27	61.46	WATER WELLS

WCR No:	WCR2020-006053
Location:	3901 Jack Northrop AVE
City:	Hawthorne
County:	Los Angeles
Decimal Latitude:	33.9217
Decimal Longitude:	-118.337
Location(OSWCR):	3901 Jack Northrop AVE
City(OSWCR):	Hawthorne
County(OSWCR):	Los Angeles
Decimal Lat(OSWCR):	33.9217312
Decim Long(OSWCR):	-118.3365003
Data Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
48	SE	0.82	4,318.27	61.46	WATER WELLS

WCR No:	WCR2021-001924
Location:	3901 Jack Northrop AVE
City:	Hawthorne
County:	Los Angeles
Decimal Latitude:	33.9217
Decimal Longitude:	-118.337
Location(OSWCR):	3901 Jack Northrop AVE
City(OSWCR):	Hawthorne
County(OSWCR):	Los Angeles
Decimal Lat(OSWCR):	33.9217268
Decim Long(OSWCR):	-118.3374766
Data Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
49	NE	0.84	4,437.47	86.41	WATER WELLS

WCR No:	WCR1988-015399
Location:	W Imperial Highway
City:	Hawthorne
County:	Los Angeles
Decimal Latitude:	33.9382
Decimal Longitude:	-118.335
Location(OSWCR):	W Imperial Highway
City(OSWCR):	Hawthorne
County(OSWCR):	Los Angeles
Decimal Lat(OSWCR):	33.93821

Decim Long(OSWCR): -118.3352
Data Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
49	NE	0.84	4,437.47	86.41	WATER WELLS

WCR No: WCR1988-017861
Location: W Imperial Highway
City: Hawthorne
County: Los Angeles
Decimal Latitude: 33.9382
Decimal Longitude: -118.335
Location(OSWCR): W Imperial Highway
City(OSWCR): Hawthorne
County(OSWCR): Los Angeles
Decimal Lat(OSWCR): 33.93821
Decim Long(OSWCR): -118.3352
Data Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
49	NE	0.84	4,437.47	86.41	WATER WELLS

WCR No: WCR1952-001625
Location:
City:
County: Los Angeles
Decimal Latitude: 33.9382
Decimal Longitude: -118.335
Location(OSWCR):
City(OSWCR):
County(OSWCR): Los Angeles
Decimal Lat(OSWCR): 33.93821
Decim Long(OSWCR): -118.3352
Data Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
49	NE	0.84	4,437.47	86.41	WATER WELLS

WCR No: WCR1988-015400
Location: W Imperial Highway
City: Hawthorne
County: Los Angeles
Decimal Latitude: 33.9382
Decimal Longitude: -118.335

Location(OSWCR):	W Imperial Highway
City(OSWCR):	Hawthorne
County(OSWCR):	Los Angeles
Decimal Lat(OSWCR):	33.93821
Decim Long(OSWCR):	-118.3352
Data Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
49	NE	0.84	4,437.47	86.41	WATER WELLS

WCR No:	WCR2001-013742
Location:	Yukon & 107th
City:	Inglewood
County:	Los Angeles
Decimal Latitude:	33.9382
Decimal Longitude:	-118.335
Location(OSWCR):	Yukon & 107th
City(OSWCR):	Inglewood
County(OSWCR):	Los Angeles
Decimal Lat(OSWCR):	33.93821
Decim Long(OSWCR):	-118.3352
Data Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
49	NE	0.84	4,437.47	86.41	WATER WELLS

WCR No:	WCR1998-010126
Location:	3541 W 111th Street
City:	Inglewood
County:	Los Angeles
Decimal Latitude:	33.9382
Decimal Longitude:	-118.335
Location(OSWCR):	3541 W 111th Street
City(OSWCR):	Inglewood
County(OSWCR):	Los Angeles
Decimal Lat(OSWCR):	33.93821
Decim Long(OSWCR):	-118.3352
Data Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
49	NE	0.84	4,437.47	86.41	WATER WELLS

WCR No:	WCR1953-001694
Location:	YUKON AVE, 111TH ST

City:	Lennox
County:	Los Angeles
Decimal Latitude:	33.9382
Decimal Longitude:	-118.335
Location(OSWCR):	YUKON AVE, 111TH ST
City(OSWCR):	Lennox
County(OSWCR):	Los Angeles
Decimal Lat(OSWCR):	33.93821
Decim Long(OSWCR):	-118.3352
Data Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
49	NE	0.84	4,437.47	86.41	WATER WELLS

WCR No:	WCR1988-015395
Location:	W Imperial Highway
City:	Hawthorne
County:	Los Angeles
Decimal Latitude:	33.9382
Decimal Longitude:	-118.335
Location(OSWCR):	W Imperial Highway
City(OSWCR):	Hawthorne
County(OSWCR):	Los Angeles
Decimal Lat(OSWCR):	33.93821
Decim Long(OSWCR):	-118.3352
Data Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
49	NE	0.84	4,437.47	86.41	WATER WELLS

WCR No:	WCR2000-011840
Location:	3541 W 111th Street
City:	Inglewood
County:	Los Angeles
Decimal Latitude:	33.9382
Decimal Longitude:	-118.335
Location(OSWCR):	3541 W 111th Street
City(OSWCR):	Inglewood
County(OSWCR):	Los Angeles
Decimal Lat(OSWCR):	33.93821
Decim Long(OSWCR):	-118.3352
Data Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
49	NE	0.84	4,437.47	86.41	WATER WELLS

WCR No: WCR1989-016952
Location: INGLEWOOD AVE
City:
County: Los Angeles
Decimal Latitude: 33.9382
Decimal Longitude: -118.335
Location(OSWCR): INGLEWOOD AVE
City(OSWCR):
County(OSWCR): Los Angeles
Decimal Lat(OSWCR): 33.93821
Decim Long(OSWCR): -118.3352
Data Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
49	NE	0.84	4,437.47	86.41	WATER WELLS

WCR No: WCR1941-000607
Location: YUKON AVENUE, 111TH STREET
City:
County: Los Angeles
Decimal Latitude: 33.9382
Decimal Longitude: -118.335
Location(OSWCR): YUKON AVENUE, 111TH STREET
City(OSWCR):
County(OSWCR): Los Angeles
Decimal Lat(OSWCR): 33.93821
Decim Long(OSWCR): -118.3352
Data Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
49	NE	0.84	4,437.47	86.41	WATER WELLS

WCR No: WCR2001-012532
Location: 3541 W 111th Street
City: Inglewood
County: Los Angeles
Decimal Latitude: 33.9382
Decimal Longitude: -118.335
Location(OSWCR): 3541 W 111th Street
City(OSWCR): Inglewood
County(OSWCR): Los Angeles
Decimal Lat(OSWCR): 33.93821

Decim Long(OSWCR): -118.3352
Data Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
49	NE	0.84	4,437.47	86.41	WATER WELLS

WCR No: WCR2001-013327
Location: 3541 W 111th Street
City: Inglewood
County: Los Angeles
Decimal Latitude: 33.9382
Decimal Longitude: -118.335
Location(OSWCR): 3541 W 111th Street
City(OSWCR): Inglewood
County(OSWCR): Los Angeles
Decimal Lat(OSWCR): 33.93821
Decim Long(OSWCR): -118.3352
Data Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
49	NE	0.84	4,437.47	86.41	WATER WELLS

WCR No: WCR1953-002197
Location: YUKON AVE, 111TH ST
City:
County: Los Angeles
Decimal Latitude: 33.9382
Decimal Longitude: -118.335
Location(OSWCR): YUKON AVE, 111TH ST
City(OSWCR):
County(OSWCR): Los Angeles
Decimal Lat(OSWCR): 33.93821
Decim Long(OSWCR): -118.3352
Data Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
49	NE	0.84	4,437.47	86.41	WATER WELLS

WCR No: WCR1988-017862
Location: W Imperial Highway
City: Hawthorne
County: Los Angeles
Decimal Latitude: 33.9382
Decimal Longitude: -118.335

Location(OSWCR): W Imperial Highway
City(OSWCR): Hawthorne
County(OSWCR): Los Angeles
Decimal Lat(OSWCR): 33.93821
Decim Long(OSWCR): -118.3352
Data Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
49	NE	0.84	4,437.47	86.41	WATER WELLS

WCR No: WCR1924-000163
Location: CYPRESS AVE, BELLEVIEW AVE
City:
County: Los Angeles
Decimal Latitude: 33.9382
Decimal Longitude: -118.335
Location(OSWCR): CYPRESS AVE, BELLEVIEW AVE
City(OSWCR):
County(OSWCR): Los Angeles
Decimal Lat(OSWCR): 33.93821
Decim Long(OSWCR): -118.3352
Data Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
49	NE	0.84	4,437.47	86.41	WATER WELLS

WCR No: WCR1925-000476
Location: PINE ST, CYPRESS AVE
City:
County: Los Angeles
Decimal Latitude: 33.9382
Decimal Longitude: -118.335
Location(OSWCR): PINE ST, CYPRESS AVE
City(OSWCR):
County(OSWCR): Los Angeles
Decimal Lat(OSWCR): 33.93821
Decim Long(OSWCR): -118.3352
Data Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
49	NE	0.84	4,437.47	86.41	WATER WELLS

WCR No: WCR1941-000447
Location: YUKON AVE, 111TH ST

City:
County: Los Angeles
Decimal Latitude: 33.9382
Decimal Longitude: -118.335
Location(OSWCR): YUKON AVE, 111TH ST
City(OSWCR):
County(OSWCR): Los Angeles
Decimal Lat(OSWCR): 33.93821
Decim Long(OSWCR): -118.3352
Data Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
49	NE	0.84	4,437.47	86.41	WATER WELLS

WCR No: WCR1988-015398
Location: W Imperial Highway
City: Hawthorne
County: Los Angeles
Decimal Latitude: 33.9382
Decimal Longitude: -118.335
Location(OSWCR): W Imperial Highway
City(OSWCR): Hawthorne
County(OSWCR): Los Angeles
Decimal Lat(OSWCR): 33.93821
Decim Long(OSWCR): -118.3352
Data Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
49	NE	0.84	4,437.47	86.41	WATER WELLS

WCR No: WCR1944-000341
Location: YUKON AVE, 110TH ST
City: Inglewood
County: Los Angeles
Decimal Latitude: 33.9382
Decimal Longitude: -118.335
Location(OSWCR): YUKON AVE, 110TH ST
City(OSWCR): Inglewood
County(OSWCR): Los Angeles
Decimal Lat(OSWCR): 33.93821
Decim Long(OSWCR): -118.3352
Data Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB

49	NE	0.84	4,437.47	86.41	WATER WELLS

WCR No:	WCR2003-014019
Location:	3901 W 102nd Street
City:	Inglewood
County:	Los Angeles
Decimal Latitude:	33.9382
Decimal Longitude:	-118.335
Location(OSWCR):	3901 W 102nd Street
City(OSWCR):	Inglewood
County(OSWCR):	Los Angeles
Decimal Lat(OSWCR):	33.93821
Decim Long(OSWCR):	-118.3352
Data Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
49	NE	0.84	4,437.47	86.41	WATER WELLS

WCR No:	WCR1989-016953
Location:	W CENTURY BLVD
City:	Inglewood
County:	Los Angeles
Decimal Latitude:	33.9382
Decimal Longitude:	-118.335
Location(OSWCR):	W CENTURY BLVD
City(OSWCR):	Inglewood
County(OSWCR):	Los Angeles
Decimal Lat(OSWCR):	33.93821
Decim Long(OSWCR):	-118.3352
Data Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
49	NE	0.84	4,437.47	86.41	WATER WELLS

WCR No:	WCR2001-013840
Location:	3541 W 111th Street
City:	Inglewood
County:	Los Angeles
Decimal Latitude:	33.9382
Decimal Longitude:	-118.335
Location(OSWCR):	3541 W 111th Street
City(OSWCR):	Inglewood
County(OSWCR):	Los Angeles
Decimal Lat(OSWCR):	33.93821

Decim Long(OSWCR): -118.3352
Data Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
49	NE	0.84	4,437.47	86.41	WATER WELLS

WCR No: WCR1924-000404
Location: CYPRESS AVE, BELLEVIEW AVE
City:
County: Los Angeles
Decimal Latitude: 33.9382
Decimal Longitude: -118.335
Location(OSWCR): CYPRESS AVE, BELLEVIEW AVE
City(OSWCR):
County(OSWCR): Los Angeles
Decimal Lat(OSWCR): 33.93821
Decim Long(OSWCR): -118.3352
Data Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
49	NE	0.84	4,437.47	86.41	WATER WELLS

WCR No: WCR1988-015402
Location: W Imperial Highway
City: Hawthorne
County: Los Angeles
Decimal Latitude: 33.9382
Decimal Longitude: -118.335
Location(OSWCR): W Imperial Highway
City(OSWCR): Hawthorne
County(OSWCR): Los Angeles
Decimal Lat(OSWCR): 33.93821
Decim Long(OSWCR): -118.3352
Data Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
49	NE	0.84	4,437.47	86.41	WATER WELLS

WCR No: WCR1925-000184
Location: PINE ST, CYPRESS AVE
City:
County: Los Angeles
Decimal Latitude: 33.9382
Decimal Longitude: -118.335

Location(OSWCR): PINE ST, CYPRESS AVE
City(OSWCR):
County(OSWCR): Los Angeles
Decimal Lat(OSWCR): 33.93821
Decim Long(OSWCR): -118.3352
Data Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
49	NE	0.84	4,437.47	86.41	WATER WELLS

WCR No: WCR1953-001872
Location: YUKON PLANT, 3541 W 111th Street
City: Lennox
County: Los Angeles
Decimal Latitude: 33.9382
Decimal Longitude: -118.335
Location(OSWCR): YUKON PLANT, 3541 W 111th Street
City(OSWCR): Lennox
County(OSWCR): Los Angeles
Decimal Lat(OSWCR): 33.93821
Decim Long(OSWCR): -118.3352
Data Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
49	NE	0.84	4,437.47	86.41	WATER WELLS

WCR No: WCR1988-015396
Location: W Imperial Highway
City: Hawthorne
County: Los Angeles
Decimal Latitude: 33.9382
Decimal Longitude: -118.335
Location(OSWCR): W Imperial Highway
City(OSWCR): Hawthorne
County(OSWCR): Los Angeles
Decimal Lat(OSWCR): 33.93821
Decim Long(OSWCR): -118.3352
Data Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
49	NE	0.84	4,437.47	86.41	WATER WELLS

WCR No: WCR1988-015403
Location: W Imperial Highway

City: Hawthorne
County: Los Angeles
Decimal Latitude: 33.9382
Decimal Longitude: -118.335
Location(OSWCR): W Imperial Highway
City(OSWCR): Hawthorne
County(OSWCR): Los Angeles
Decimal Lat(OSWCR): 33.93821
Decim Long(OSWCR): -118.3352
Data Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
49	NE	0.84	4,437.47	86.41	WATER WELLS

WCR No: WCR1988-017863
Location: W Imperial Highway
City: Hawthorne
County: Los Angeles
Decimal Latitude: 33.9382
Decimal Longitude: -118.335
Location(OSWCR): W Imperial Highway
City(OSWCR): Hawthorne
County(OSWCR): Los Angeles
Decimal Lat(OSWCR): 33.93821
Decim Long(OSWCR): -118.3352
Data Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
49	NE	0.84	4,437.47	86.41	WATER WELLS

WCR No: WCR1989-016954
Location: W CENTURY BLVD
City: Inglewood
County: Los Angeles
Decimal Latitude: 33.9382
Decimal Longitude: -118.335
Location(OSWCR): W CENTURY BLVD
City(OSWCR): Inglewood
County(OSWCR): Los Angeles
Decimal Lat(OSWCR): 33.93821
Decim Long(OSWCR): -118.3352
Data Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
49	NE	0.84	4,437.47	86.41	WATER WELLS

WCR No:	WCR1988-015397
Location:	W Imperial Highway
City:	Hawthorne
County:	Los Angeles
Decimal Latitude:	33.9382
Decimal Longitude:	-118.335
Location(OSWCR):	W Imperial Highway
City(OSWCR):	Hawthorne
County(OSWCR):	Los Angeles
Decimal Lat(OSWCR):	33.93821
Decim Long(OSWCR):	-118.3352
Data Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
49	NE	0.84	4,437.47	86.41	WATER WELLS

WCR No:	WCR1988-017895
Location:	W Imperial Highway
City:	Hawthorne
County:	Los Angeles
Decimal Latitude:	33.9382
Decimal Longitude:	-118.335
Location(OSWCR):	W Imperial Highway
City(OSWCR):	Hawthorne
County(OSWCR):	Los Angeles
Decimal Lat(OSWCR):	33.93821
Decim Long(OSWCR):	-118.3352
Data Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
49	NE	0.84	4,437.47	86.41	WATER WELLS

WCR No:	WCR1988-015401
Location:	W Imperial Highway
City:	Hawthorne
County:	Los Angeles
Decimal Latitude:	33.9382
Decimal Longitude:	-118.335
Location(OSWCR):	W Imperial Highway
City(OSWCR):	Hawthorne
County(OSWCR):	Los Angeles
Decimal Lat(OSWCR):	33.93821

Decim Long(OSWCR): -118.3352
Data Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
49	NE	0.84	4,437.47	86.41	WATER WELLS

WCR No: WCR1988-017894
Location: W Imperial Highway
City: Hawthorne
County: Los Angeles
Decimal Latitude: 33.9382
Decimal Longitude: -118.335
Location(OSWCR): W Imperial Highway
City(OSWCR): Hawthorne
County(OSWCR): Los Angeles
Decimal Lat(OSWCR): 33.93821
Decim Long(OSWCR): -118.3352
Data Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
49	NE	0.84	4,437.47	86.41	WATER WELLS

WCR No: WCR1944-000445
Location: INGLEWOOD, 110TH ST, YUKON AVE
City:
County: Los Angeles
Decimal Latitude: 33.9382
Decimal Longitude: -118.335
Location(OSWCR): INGLEWOOD, 110TH ST, YUKON AVE
City(OSWCR):
County(OSWCR): Los Angeles
Decimal Lat(OSWCR): 33.93821
Decim Long(OSWCR): -118.3352
Data Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
50	SE	0.85	4,478.23	61.46	WATER WELLS

WCR No: WCR2020-004435
Location: 3732 W 120th ST
City: Hawthorne
County: Los Angeles
Decimal Latitude: 33.9219
Decimal Longitude: -118.336

Location(OSWCR): 3732 W 120th ST
City(OSWCR): Hawthorne
County(OSWCR): Los Angeles
Decimal Lat(OSWCR): 33.9218602
Decim Long(OSWCR): -118.3355348
Data Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
50	SE	0.85	4,478.23	61.46	WATER WELLS

WCR No: WCR2020-004431
Location: 3901 Jack Northrop AVE
City: Hawthorne
County: Los Angeles
Decimal Latitude: 33.9219
Decimal Longitude: -118.336
Location(OSWCR): 3901 Jack Northrop AVE
City(OSWCR): Hawthorne
County(OSWCR): Los Angeles
Decimal Lat(OSWCR): 33.9218692
Decim Long(OSWCR): -118.33598
Data Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
50	SE	0.85	4,478.23	61.46	WATER WELLS

WCR No: WCR2020-004433
Location: 3901 Jack Northrop AVE
City: Hawthorne
County: Los Angeles
Decimal Latitude: 33.9219
Decimal Longitude: -118.336
Location(OSWCR): 3901 Jack Northrop AVE
City(OSWCR): Hawthorne
County(OSWCR): Los Angeles
Decimal Lat(OSWCR): 33.9218781
Decim Long(OSWCR): -118.3360712
Data Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
51	SE	0.85	4,503.55	61.46	WATER WELLS

WCR No: WCR2020-004429
Location: 3901 Jack Northrop AVE

City:	Hawthorne
County:	Los Angeles
Decimal Latitude:	33.9218
Decimal Longitude:	-118.336
Location(OSWCR):	3901 Jack Northrop AVE
City(OSWCR):	Hawthorne
County(OSWCR):	Los Angeles
Decimal Lat(OSWCR):	33.9218482
Decim Long(OSWCR):	-118.3364819
Data Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
51	SE	0.85	4,503.55	61.46	WATER WELLS

WCR No:	WCR2020-006058
Location:	3901 Jack Northrop AVE
City:	Hawthorne
County:	Los Angeles
Decimal Latitude:	33.9218
Decimal Longitude:	-118.336
Location(OSWCR):	3901 Jack Northrop AVE
City(OSWCR):	Hawthorne
County(OSWCR):	Los Angeles
Decimal Lat(OSWCR):	33.9217713
Decim Long(OSWCR):	-118.3359961
Data Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
52	SSE	0.86	4,557.33	61.46	WATER WELLS

WCR No:	WCR2020-002056
Location:	12508 Doty AVE
City:	Hawthorne
County:	Los Angeles
Decimal Latitude:	33.9192
Decimal Longitude:	-118.34
Location(OSWCR):	12508 Doty AVE
City(OSWCR):	Hawthorne
County(OSWCR):	Los Angeles
Decimal Lat(OSWCR):	33.9191635
Decim Long(OSWCR):	-118.3395809
Data Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB

54	SE	0.88	4,658.53	61.46	WATER WELLS

WCR No:	WCR2020-006050
Location:	3901 Jack Northrop AVE
City:	Hawthorne
County:	Los Angeles
Decimal Latitude:	33.9212
Decimal Longitude:	-118.336
Location(OSWCR):	3901 Jack Northrop AVE
City(OSWCR):	Hawthorne
County(OSWCR):	Los Angeles
Decimal Lat(OSWCR):	33.9212416
Decim Long(OSWCR):	-118.336436
Data Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
54	SE	0.88	4,658.53	61.46	WATER WELLS

WCR No:	WCR2020-006049
Location:	3901 Jack Northrop AVE
City:	Hawthorne
County:	Los Angeles
Decimal Latitude:	33.9212
Decimal Longitude:	-118.336
Location(OSWCR):	3901 Jack Northrop AVE
City(OSWCR):	Hawthorne
County(OSWCR):	Los Angeles
Decimal Lat(OSWCR):	33.921157
Decim Long(OSWCR):	-118.3359746
Data Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
54	SE	0.88	4,658.53	61.46	WATER WELLS

WCR No:	WCR2020-004592
Location:	3901 Jack Northrop AVE
City:	Hawthorne
County:	Los Angeles
Decimal Latitude:	33.9212
Decimal Longitude:	-118.336
Location(OSWCR):	3901 Jack Northrop AVE
City(OSWCR):	Hawthorne
County(OSWCR):	Los Angeles
Decimal Lat(OSWCR):	33.921157

Decim Long(OSWCR): -118.3359746
Data Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
55	SE	0.89	4,684.85	61.46	WATER WELLS

WCR No: WCR2020-006046
Location: 3901 Jack Northrop AVE
City: Hawthorne
County: Los Angeles
Decimal Latitude: 33.9211
Decimal Longitude: -118.336
Location(OSWCR): 3901 Jack Northrop AVE
City(OSWCR): Hawthorne
County(OSWCR): Los Angeles
Decimal Lat(OSWCR): 33.9211226
Decim Long(OSWCR): -118.3359684
Data Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
57	SE	0.89	4,711.31	61.46	WATER WELLS

WCR No: WCR2020-004604
Location: 3901 Jack Northrop AVE
City: Hawthorne
County: Los Angeles
Decimal Latitude: 33.921
Decimal Longitude: -118.336
Location(OSWCR): 3901 Jack Northrop AVE
City(OSWCR): Hawthorne
County(OSWCR): Los Angeles
Decimal Lat(OSWCR): 33.9210101
Decim Long(OSWCR): -118.3361141
Data Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
57	SE	0.89	4,711.31	61.46	WATER WELLS

WCR No: WCR2020-006042
Location: 3901 Jack Northrop AVE
City: Hawthorne
County: Los Angeles
Decimal Latitude: 33.921
Decimal Longitude: -118.336

Location(OSWCR):	3901 Jack Northrop AVE
City(OSWCR):	Hawthorne
County(OSWCR):	Los Angeles
Decimal Lat(OSWCR):	33.9209775
Decim Long(OSWCR):	-118.3360721
Data Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
57	SE	0.89	4,711.31	61.46	WATER WELLS

WCR No:	WCR2020-006056
Location:	3901 Jack Northrop AVE
City:	Hawthorne
County:	Los Angeles
Decimal Latitude:	33.921
Decimal Longitude:	-118.336
Location(OSWCR):	3901 Jack Northrop AVE
City(OSWCR):	Hawthorne
County(OSWCR):	Los Angeles
Decimal Lat(OSWCR):	33.9210101
Decim Long(OSWCR):	-118.3361141
Data Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
58	SE	0.90	4,737.90	61.46	WATER WELLS

WCR No:	WCR2020-006044
Location:	3901 Jack Northrop AVE
City:	Hawthorne
County:	Los Angeles
Decimal Latitude:	33.9209
Decimal Longitude:	-118.336
Location(OSWCR):	3901 Jack Northrop AVE
City(OSWCR):	Hawthorne
County(OSWCR):	Los Angeles
Decimal Lat(OSWCR):	33.9209433
Decim Long(OSWCR):	-118.3361892
Data Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
58	SE	0.90	4,737.90	61.46	WATER WELLS

WCR No:	WCR2020-006045
Location:	3901 Jack Northrop AVE

City:	Hawthorne
County:	Los Angeles
Decimal Latitude:	33.9209
Decimal Longitude:	-118.336
Location(OSWCR):	3901 Jack Northrop AVE
City(OSWCR):	Hawthorne
County(OSWCR):	Los Angeles
Decimal Lat(OSWCR):	33.9209433
Decim Long(OSWCR):	-118.3361892
Data Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
58	SE	0.90	4,737.90	61.46	WATER WELLS

WCR No:	WCR2020-006040
Location:	3901 Jack Northrop AVE
City:	Hawthorne
County:	Los Angeles
Decimal Latitude:	33.9209
Decimal Longitude:	-118.336
Location(OSWCR):	3901 Jack Northrop AVE
City(OSWCR):	Hawthorne
County(OSWCR):	Los Angeles
Decimal Lat(OSWCR):	33.9209433
Decim Long(OSWCR):	-118.3361892
Data Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
58	SE	0.90	4,737.90	61.46	WATER WELLS

WCR No:	WCR2020-004436
Location:	3901 Jack Northrop AVE
City:	Hawthorne
County:	Los Angeles
Decimal Latitude:	33.9209
Decimal Longitude:	-118.336
Location(OSWCR):	3901 Jack Northrop AVE
City(OSWCR):	Hawthorne
County(OSWCR):	Los Angeles
Decimal Lat(OSWCR):	33.9209433
Decim Long(OSWCR):	-118.3361892
Data Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
59	SSE	0.90	4,764.07	62.46	WATER WELLS

WCR No:	WCR2016-004687
Location:	S Praire Avenue and El Segundo Blvd
City:	Hawthorne
County:	Los Angeles
Decimal Latitude:	33.9177
Decimal Longitude:	-118.343
Location(OSWCR):	S Praire Avenue and El Segundo Blvd
City(OSWCR):	Hawthorne
County(OSWCR):	Los Angeles
Decimal Lat(OSWCR):	33.917687
Decim Long(OSWCR):	-118.343237
Data Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
60	SE	0.90	4,764.61	61.47	WATER WELLS

WCR No:	WCR2020-006055
Location:	3901 Jack Northrop AVE
City:	Hawthorne
County:	Los Angeles
Decimal Latitude:	33.9208
Decimal Longitude:	-118.336
Location(OSWCR):	3901 Jack Northrop AVE
City(OSWCR):	Hawthorne
County(OSWCR):	Los Angeles
Decimal Lat(OSWCR):	33.9207964
Decim Long(OSWCR):	-118.3361517
Data Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
61	S	0.91	4,810.76	63.46	WATER WELLS

WCR No:	WCR2016-004686
Location:	S Praire Avenue and El Segundo Blvd
City:	Hawthorne
County:	Los Angeles
Decimal Latitude:	33.9174
Decimal Longitude:	-118.344
Location(OSWCR):	S Praire Avenue and El Segundo Blvd
City(OSWCR):	Hawthorne
County(OSWCR):	Los Angeles
Decimal Lat(OSWCR):	33.917412

Decim Long(OSWCR): -118.344053
Data Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
62	SSW	0.92	4,836.13	70.68	WATER WELLS

WCR No: WCR2019-003824
Location: 12601 Hawthorne BLVD
City: Hawthorne
County: Los Angeles
Decimal Latitude: 33.9181
Decimal Longitude: -118.353
Location(OSWCR): 12601 Hawthorne BLVD
City(OSWCR): Hawthorne
County(OSWCR): Los Angeles
Decimal Lat(OSWCR): 33.91814
Decim Long(OSWCR): -118.352519
Data Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
62	SSW	0.92	4,836.13	70.68	WATER WELLS

WCR No: WCR2019-003889
Location: 12601 Hawthorne BLVD
City: Hawthorne
County: Los Angeles
Decimal Latitude: 33.9181
Decimal Longitude: -118.353
Location(OSWCR): 12601 Hawthorne BLVD
City(OSWCR): Hawthorne
County(OSWCR): Los Angeles
Decimal Lat(OSWCR): 33.91814
Decim Long(OSWCR): -118.352516
Data Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
62	SSW	0.92	4,836.13	70.68	WATER WELLS

WCR No: WCR2019-003891
Location: 12601 Hawthorne BLVD
City: Hawthorne
County: Los Angeles
Decimal Latitude: 33.9181
Decimal Longitude: -118.353

Wells and Additional Sources Detail Report

Location(OSWCR):	12601 Hawthorne BLVD
City(OSWCR):	Hawthorne
County(OSWCR):	Los Angeles
Decimal Lat(OSWCR):	33.91814
Decim Long(OSWCR):	-118.352516
Data Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
62	SSW	0.92	4,836.13	70.68	WATER WELLS

WCR No:	WCR2019-003816
Location:	12601 Hawthorne BLVD
City:	Hawthorne
County:	Los Angeles
Decimal Latitude:	33.9181
Decimal Longitude:	-118.353
Location(OSWCR):	12601 Hawthorne BLVD
City(OSWCR):	Hawthorne
County(OSWCR):	Los Angeles
Decimal Lat(OSWCR):	33.91814
Decim Long(OSWCR):	-118.352519
Data Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
63	S	0.92	4,846.64	63.46	WATER WELLS

WCR No:	WCR2016-006305
Location:	4015 W El Segundo BLVD
City:	Hawthorne
County:	Los Angeles
Decimal Latitude:	33.9173
Decimal Longitude:	-118.344
Location(OSWCR):	4015 W El Segundo BLVD
City(OSWCR):	Hawthorne
County(OSWCR):	Los Angeles
Decimal Lat(OSWCR):	33.917294
Decim Long(OSWCR):	-118.343584
Data Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
63	S	0.92	4,846.64	63.46	WATER WELLS

WCR No:	WCR2016-006308
Location:	4015 W El Segundo BLVD

City:	Hawthorne
County:	Los Angeles
Decimal Latitude:	33.9173
Decimal Longitude:	-118.344
Location(OSWCR):	4015 W El Segundo BLVD
City(OSWCR):	Hawthorne
County(OSWCR):	Los Angeles
Decimal Lat(OSWCR):	33.917294
Decim Long(OSWCR):	-118.343584
Data Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
63	S	0.92	4,846.64	63.46	WATER WELLS

WCR No:	WCR2016-006307
Location:	4015 W El Segundo BLVD
City:	Hawthorne
County:	Los Angeles
Decimal Latitude:	33.9173
Decimal Longitude:	-118.344
Location(OSWCR):	4015 W El Segundo BLVD
City(OSWCR):	Hawthorne
County(OSWCR):	Los Angeles
Decimal Lat(OSWCR):	33.917294
Decim Long(OSWCR):	-118.343584
Data Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
64	NNE	0.93	4,897.94	88.45	WATER WELLS

WCR No:	WCR2021-005420
Location:	3903 W 102nd ST
City:	Inglewood
County:	Los Angeles
Decimal Latitude:	33.9437
Decimal Longitude:	-118.342
Location(OSWCR):	3903 W 102nd ST
City(OSWCR):	Inglewood
County(OSWCR):	Los Angeles
Decimal Lat(OSWCR):	33.9436501
Decim Long(OSWCR):	-118.3419429
Data Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
64	NNE	0.93	4,897.94	88.45	WATER WELLS

WCR No:	WCR2021-005011
Location:	3903 W 102nd ST
City:	Inglewood
County:	Los Angeles
Decimal Latitude:	33.9437
Decimal Longitude:	-118.342
Location(OSWCR):	3903 W 102nd ST
City(OSWCR):	Inglewood
County(OSWCR):	Los Angeles
Decimal Lat(OSWCR):	33.9436501
Decim Long(OSWCR):	-118.3419429
Data Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
66	ESE	0.96	5,088.36	54.84	WATER WELLS

WCR No:	WCR2018-004109
Location:	12101 CRENSHAW BLVD
City:	HAWTHORNE
County:	Los Angeles
Decimal Latitude:	33.9236
Decimal Longitude:	-118.332
Location(OSWCR):	12101 CRENSHAW BLVD
City(OSWCR):	HAWTHORNE
County(OSWCR):	Los Angeles
Decimal Lat(OSWCR):	33.9236
Decim Long(OSWCR):	-118.3318056
Data Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
69	S	0.98	5,184.12	64.46	WATER WELLS

WCR No:	WCR2019-010938
Location:	12806 Prairie Avenue
City:	Hawthorne
County:	Los Angeles
Decimal Latitude:	33.9162
Decimal Longitude:	-118.346
Location(OSWCR):	12806 Prairie Avenue
City(OSWCR):	Hawthorne
County(OSWCR):	Los Angeles
Decimal Lat(OSWCR):	33.9161697

Decim Long(OSWCR): -118.3457125
Data Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
69	S	0.98	5,184.12	64.46	WATER WELLS

WCR No: WCR2019-010934
Location: 12806 Prairie Avenue
City: Hawthorne
County: Los Angeles
Decimal Latitude: 33.9162
Decimal Longitude: -118.346
Location(OSWCR): 12806 Prairie Avenue
City(OSWCR): Hawthorne
County(OSWCR): Los Angeles
Decimal Lat(OSWCR): 33.9161697
Decim Long(OSWCR): -118.3457125
Data Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
69	S	0.98	5,184.12	64.46	WATER WELLS

WCR No: WCR2019-010940
Location: 12806 Prairie Avenue
City: Hawthorne
County: Los Angeles
Decimal Latitude: 33.9162
Decimal Longitude: -118.346
Location(OSWCR): 12806 Prairie Avenue
City(OSWCR): Hawthorne
County(OSWCR): Los Angeles
Decimal Lat(OSWCR): 33.9161697
Decim Long(OSWCR): -118.3457125
Data Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
69	S	0.98	5,184.12	64.46	WATER WELLS

WCR No: WCR2019-010939
Location: 12806 Prairie Avenue
City: Hawthorne
County: Los Angeles
Decimal Latitude: 33.9162
Decimal Longitude: -118.346

Location(OSWCR):	12806 Prairie Avenue
City(OSWCR):	Hawthorne
County(OSWCR):	Los Angeles
Decimal Lat(OSWCR):	33.9161697
Decim Long(OSWCR):	-118.3457125
Data Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
69	S	0.98	5,184.12	64.46	WATER WELLS

WCR No:	WCR2019-010937
Location:	12806 Prairie Avenue
City:	Hawthorne
County:	Los Angeles
Decimal Latitude:	33.9162
Decimal Longitude:	-118.346
Location(OSWCR):	12806 Prairie Avenue
City(OSWCR):	Hawthorne
County(OSWCR):	Los Angeles
Decimal Lat(OSWCR):	33.9161697
Decim Long(OSWCR):	-118.3457125
Data Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
69	S	0.98	5,184.12	64.46	WATER WELLS

WCR No:	WCR2019-010935
Location:	12806 Prairie Avenue
City:	Hawthorne
County:	Los Angeles
Decimal Latitude:	33.9162
Decimal Longitude:	-118.346
Location(OSWCR):	12806 Prairie Avenue
City(OSWCR):	Hawthorne
County(OSWCR):	Los Angeles
Decimal Lat(OSWCR):	33.9161697
Decim Long(OSWCR):	-118.3457125
Data Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
69	S	0.98	5,184.12	64.46	WATER WELLS

WCR No:	WCR2019-010941
Location:	12806 Prairie Avenue

Wells and Additional Sources Detail Report

City:	Hawthorne
County:	Los Angeles
Decimal Latitude:	33.9162
Decimal Longitude:	-118.346
Location(OSWCR):	12806 Prairie Avenue
City(OSWCR):	Hawthorne
County(OSWCR):	Los Angeles
Decimal Lat(OSWCR):	33.9161697
Decim Long(OSWCR):	-118.3457125
Data Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
69	S	0.98	5,184.12	64.46	WATER WELLS

WCR No:	WCR2019-010946
Location:	12806 Prairie Avenue
City:	Hawthorne
County:	Los Angeles
Decimal Latitude:	33.9162
Decimal Longitude:	-118.346
Location(OSWCR):	12806 Prairie Avenue
City(OSWCR):	Hawthorne
County(OSWCR):	Los Angeles
Decimal Lat(OSWCR):	33.9161697
Decim Long(OSWCR):	-118.3457125
Data Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
71	SSE	1.00	5,260.95	61.46	WATER WELLS

WCR No:	WCR2021-005364
Location:	12806 Prairie AVE
City:	Hawthorne
County:	Los Angeles
Decimal Latitude:	33.9163
Decimal Longitude:	-118.343
Location(OSWCR):	12806 Prairie AVE
City(OSWCR):	Hawthorne
County(OSWCR):	Los Angeles
Decimal Lat(OSWCR):	33.91627
Decim Long(OSWCR):	-118.343
Data Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Radon Information

This section lists any relevant radon information found for the target property.

Federal EPA Radon Zone for *LOS ANGELES* County: **2**

Zone 1: Counties with predicted average indoor radon screening levels greater than 4 pCi/L
Zone 2: Counties with predicted average indoor radon screening levels from 2 to 4 pCi/L
Zone 3: Counties with predicted average indoor radon screening levels less than 2 pCi/L

Federal Area Radon Information for *LOS ANGELES* County

No Measures/Homes:	69
Geometric Mean:	0.4
Arithmetic Mean:	0.7
Median:	0.5
Standard Deviation:	1
Maximum:	5.6
% >4 pCi/L:	1
% >20 pCi/L:	0
Notes on Data Table:	TABLE 1. Screening indoor radon data from the EPA/State Residential Radon Survey of California conducted during 1989-90. Data represent 2-7 day charcoal canister measurements from the lowest level of each home tested.

Appendix

Federal Sources

FEMA National Flood Hazard Layer — **FEMA FLOOD**

The National Flood Hazard Layer (NFHL) data incorporates Flood Insurance Rate Map (FIRM) databases published by the Federal Emergency Management Agency (FEMA), and any Letters Of Map Revision (LOMRs) that have been issued against those databases since their publication date. The FIRM Database is the digital, geospatial version of the flood hazard information shown on the published paper FIRMs. The FIRM Database depicts flood risk information and supporting data used to develop the risk data. The FIRM Database is derived from Flood Insurance Studies (FISs), previously published FIRMs, flood hazard analyses performed in support of the FISs and FIRMs, and new mapping data, where available.

Indoor Radon Data — **INDOOR RADON**

Indoor radon measurements tracked by the Environmental Protection Agency(EPA) and the State Residential Radon Survey.

Public Water Systems Violations and Enforcement Data — **PWSV**

This list of drinking water violations and enforcement actions is sourced from the U.S Environmental Protection Agency's (EPA) Enforcement and Compliance History Online (ECHO) system that incorporates Public Water Systems data from EPA's Safe Drinking Water Information System (SDWIS) database, as part of the national download of Safe Drinking Water Act (SDWA) data. SDWIS contains information on public water systems from the Public Water System Supervision (PWSS) Program, including monitoring, enforcement, and violation data related to requirements established by the SWDA. Address information provided in SWDIS may correspond either with the physical location of the water system, or with a contact address.

Radon Zone Level — **RADON ZONE**

Areas showing the level of Radon Zones (level 1, 2 or 3) by county. This data is maintained by the Environmental Protection Agency (EPA).

Safe Drinking Water Information System (SDWIS) — **SDWIS**

This national download of Safe Drinking Water Act (SDWA) data is sourced from the U.S Environmental Protection Agency's (EPA) Enforcement and Compliance History Online (ECHO) system that incorporates Public Water Systems data from EPA's Safe Drinking Water Information System (SDWIS) database. SDWIS contains information on public water systems from the Public Water System Supervision (PWSS) Program related to requirements established by the Safe Drinking Water Act (SDWA). Address information provided in SWDIS may correspond either with the physical location of the water system, or with a contact address.

Soil Survey Geographic database — **SSURGO**

The Soil Survey Geographic database (SSURGO) contains information about soil as collected by the National Cooperative Soil Survey at the Natural Resources Conservation Service (NRCS). Soil maps outline areas called map units. The map units are linked to soil properties in a database. Each map unit may contain one to three major components and some minor components.

U.S. Fish & Wildlife Service Wetland Data — **US WETLAND**

The U.S. Fish & Wildlife Service Wetland layer represents the approximate location and type of wetlands and deepwater habitats in the United States.

USGS Current Topo — **US TOPO**

US Topo topographic maps are produced by the National Geospatial Program of the U.S. Geological Survey (USGS). The project was launched in late 2009, and the term "US Topo" refers specifically to quadrangle topographic maps published in 2009 and later.

USGS Geology — **US GEOLOGY**

Seamless maps depicting geological information provided by the United States Geological Survey (USGS).

USGS National Water Information System — **FED USGS**

The U.S. Geological Survey's (USGS) National Water Information System (NWIS) is the nation's principal repository of water resources data. The data includes comprehensive information of well-construction details, time-series data for gage height, streamflow, groundwater level, and precipitation and water use data. This NWIS database information is obtained through the Water Quality Data Portal (WQP). The WQP

is a cooperative service sponsored by the USGS, the Environmental Protection Agency (EPA), and the National Water Quality Monitoring Council (NWQMC).

State Sources

Oil and Gas Wells **OGW**

The California Department of Conservation, Geologic Energy Management Division (CalGEM) provides this oil and gas wells dataset. CalGEM makes no warranties, whether expressed or implied, and the data is for informational purposes.

Periodic Groundwater Level Measurement Locations **MONITOR WELLS**

Locations of groundwater level monitoring wells in the Department of Water Resources (DWR)'s Periodic Groundwater Levels dataset. The DWR Periodic Groundwater Levels dataset contains seasonal and long-term groundwater level measurements collected by the Department of Water Resources and cooperating agencies.

Well Completion Reports **WATER WELLS**

List of wells from the Well Completion Reports data made available by the California Department of Water Resources' (DWR) Online System for Well Completion Reports (OSWCR). Please note that the majority of well completion reports have been spatially registered to the center of the 1x1 mile Public Land Survey System section that the well is located in.

Liability Notice

Reliance on information in Report: The Physical Setting Report (PSR) DOES NOT replace a full Phase I Environmental Site Assessment but is solely intended to be used as a review of environmental databases and physical characteristics for the site or adjacent properties.

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APPENDIX D: QUALIFICATIONS/INSURANCE

Education

B.S. in Natural Sciences - Loyola Marymount University, Los Angeles, California

Registrations

Registered Environmental Assessor (REA - #07738), California
Registered Environmental Property Assessor (REPA - #327798), California
National Registry for Environmental Professionals, California

Training

OSHA 40-Hour Hazardous Materials Safety Training
OSHA 24-Hour First Responder-Operations Level Health and Safety Training
Burlington Northern Santa Fe Railway Safety Training
Refinery Contractor Safety Training
International Air Transportation Association (IATA) Training
Project Management Training
ASTM Phase I ESA Training
Phase I ESA Trainer

Highlights

18 years of experience in the Environmental Due Diligence Industry
Phase I Environmental Site Assessments (ESA), Phase II ESAs, and Remediation
Regulatory Compliance Assessments (RCAs)
Property Condition Assessments (PCAs)

Experience Summary

Mr. Reyes is an environmental professional with more than 18 years of experience in all aspects of environmental consulting, due diligence, and regulatory compliance solutions, and has worked with a variety of clients on commercial, industrial, and residential real estate property transactions. He possesses a high level of expertise when it comes to conducting and managing Phase I ESAs in accordance with client specifications and ASTM standards, including the EPA All Appropriate Inquiry (AAI) and the recently adopted ASTM Designation E 1527-13; in addition to Regulatory Compliance Assessments (RCAs); Property Condition Assessments (PCAs); NEPA/CEQA Evaluations and Site Constraints Analysis; Environmental Risk Impact Analysis; Hazardous Waste Management; and Phase II ESAs involving subsurface characterization and sampling of soil, groundwater, and soil vapor. Mr. Reyes is very skilled in writing and reviewing technical reports; and reviewing environmental data for analysis and interpretation.

Mr. Reyes has managed and performed thousands of site characterizations and site assessments for industrial facilities, refineries, gas stations, automotive facilities, agricultural land, commercial and residential properties, including large office and residential complexes, and undeveloped or abandoned land. In addition, Mr. Reyes has experience with the installation of soil borings and groundwater monitoring wells, soil excavations, underground and aboveground storage tank (UST/AST) removals; and overall

decommissioning and closures of gasoline stations, auto repair facilities, car washes, chemical laboratories, and drycleaner sites.

Mr. Reyes has also written site-specific health and safety plans and is experienced in regulatory compliance issues, negotiations, and environmental permitting, including obtaining regulatory site closure or no further action status for multiple cleanup sites.

Project Experience

CVS/pharmacy, Multiple locations, California, Arizona, Nevada, Montana, Texas, New Mexico, Colorado, Utah, Oklahoma, and Hawaii. Managed over 500 sites on this national account which included supervising due diligence site assessment activities, including Phase I and II ESAs; preparation of proposals; contract negotiations; managing program revenue and project budgets; daily coordination of internal and external resources, staff, and subcontractors; overseeing and mentoring a team of due diligence professionals locally and across the country; regulatory agency interaction and negotiation; site demolition and construction oversight; asbestos, lead, and mold surveys; air monitoring and abatement; wetlands assessments; vapor intrusion investigations, UST/AST removals; complete service station decommissioning and regulatory site closure; subsurface investigations involving sampling and characterization of soil, groundwater, and soil vapor; oversight of geotechnical evaluations; and completion of remediation projects. Demonstrated consistent ability to perform quality and comprehensive transactional services on an accelerated schedule that allowed for faster closings.

AT&T, California. Managed the AT&T due diligence account, which involved the completion of Phase I ESAs, Phase II ESAs, remediation projects, asbestos and lead surveys, and regulatory site closures for select sites in the western region for AT&T's corporate real estate group. Management duties included supervising a staff of environmental site assessors; serving as the main point of contact for AT&T's senior real estate division; generation of site specific proposals for site characterization, sampling, and remediation projects; managing budgets and revenues; and ensuring that all project deliverables met or exceeded AT&T due diligence standards and requirements.

Teachers Insurance and Annuity Association (TIAA), California. This project involved the management of complicated and large office type properties, agricultural land, apartment complexes, master communities, and residential facilities. Along with the completion of Phase I and II ESAs, many of the sites also involved multi-media sampling; site characterization, remediation, and regulatory compliance activities, including the completion of Environmental Compliance Audits, NEPA/CEQA assessments, hazardous material surveys, and regulatory permitting. Responsible for all project deliverables and completion of final quality assurance and quality control procedures before submittal to client.

New Facility Permitting Program for Walmart, Northwest Region. Directly responsible for managing project budgets and revenue and overseeing staff dedicated to the completion of multiple compliance and permitting related tasks, including the completion of Environmental Design Review Reports, Discovery Phase Reports, Permit Application Packages, Hazardous Material Business Plans, Spill Prevention Control and Countermeasures Plans, and Environmental Management Guides.

Affiliations

Member, National Registry of Environmental Professionals

PARTNER

Heather Hodgetts
Senior Scientist

Education
B.A. in Earth Sciences, University of Southern California

Training
40-Hour OSHA-approved Health & Safety Training
8-hour OSHA HAZWOPER Annual Refresher

Highlights
20 years in the environmental consulting industry
Phase I Environmental Site Assessments
Phase II and III Subsurface Investigations

Experience Summary
As a Senior Scientist for due diligence services within the Investment Advisory Group, Ms. Hodgetts focuses on providing solutions to clients' due diligence and engineering needs and sharing years of expertise with staff and clients. Previously, Ms. Hodgetts was a Senior Environmental Scientist for a Fortune 500 company and was responsible for managing due diligence projects throughout the United States.

Ms. Hodgetts has performed hundreds of Phase I Environmental Site Assessments, Third Party Reviews, Due Diligence Audits, and Record Search, Phase II Subsurface Investigations, Underground Storage Tank Investigations, Remedial Investigations, Limited asbestos surveys, Lead-based paint surveys, Radon Studies, and Lead-in-water sampling and analysis.

Ms. Hodgetts has worked with various clients including: individual investors, institutional investors, private and institutional equity companies, insurance companies, attorneys, brokers, developers, and multiple lenders.

Project Experience
Phase I Environmental Site assessments

Ms. Hodgetts has performed Phase I Environmental Site Assessments of commercial, residential, and industrial properties including schools, shopping centers, industrial parks, manufacturing facilities, drycleaners and gasoline stations.

Subsurface Investigations

Conducted soil and groundwater assessments at County of San Diego Department of Public Works Road Stations throughout San Diego County. Activities included field oversight of groundwater monitoring well installation using mud-rotary, air-rotary, and hollow-stem augers; soil and groundwater sampling; receptor surveys; and installed monitoring wells and soil borings.

Environmental Regulatory Compliance

Assisted in environmental regulatory compliance audit and ownership transfer activities. The audit included coordinating with local agencies to transfer environmental permits for air, wastewater, hazardous waste, and medical waste.

Storage Tank Programs

Completed UST Closure Reports, Limited Site Assessments, Soil Assessment Reports, Soil Closure Reports, and Corrective Action Plans for submittal to regulatory agencies for UST sites owned by various industrial and government entities.

School District Investigations

Worked in-house for San Diego Unified School District (SDUSD) for 15 months completing the environmental due diligence for Proposition MM, a bond measure passed by voters to fund modernization of 165 existing school and construction of 16 new/rebuilt schools. Activities included: conducting Phase I ESAs for proposed school sites, including information relevant to the California Department of Education (CDE) School Site Selection and Approval Guide; submitting Phase I ESAs for EPA Department of Toxic Substances Control review; preparing Public Participations Plans and assisting with public meeting presentations; and submitting site packages to CDE for site approval. In addition to SDUSD, Ms. Hodgetts has also worked on Los Angeles Unified School District, Coronado Unified School District, and Lake Elsinore Unified School District sites.

Subsurface Investigations

Conducted soil and groundwater assessments at County of San Diego Department of Public Works Road Stations throughout San Diego County. Activities included field oversight of groundwater monitoring well installation using mud-rotary, air-rotary, and hollow-stem augers; soil and groundwater sampling; receptor surveys; and installed monitoring wells and soil borings.

Environmental Regulatory Compliance

Assisted in environmental regulatory compliance audit and ownership transfer activities. The audit included coordinating with local agencies to transfer environmental permits for air, wastewater, hazardous waste, and medical waste.

Cellular Telephone Investigations

Performed environmental assessments for cellular telephone antenna installations for a major cellular operator. Tasks included: inspections of numerous buildings, installations, additions, collocations, and vacant land; and asbestos and lead sampling at these facilities throughout southern California.

Contact

hhodgettsl@partneresi.com

PARTNER

Christy Kim, AIA, CASp
Principal
National Technical Director Accessibility

Education

B. ENVD, Architecture, University of Colorado, Boulder, Colorado
Master of Heritage Conservation, Architecture, University of Southern California, Los Angeles, CA

Registrations

Registered Architect, State of California
Certified Access Specialist, State of California
Accessibility Professionals Associations – Built Environment
International Code Council (ICC) Accessibility Plans Examiner
Registered Accessibility Specialist (RAS), State of Texas
Qualified Historic Professional: Secretary of Interior Standards in Architecture and Historic Architecture
Safety Assessment Volunteer, State of California

Training

Johns Manville Roof Training
Curtainwall Design Review
Materials Conservation
Best Practices in Historic Site Management
Fair Housing Amendments Act Review
Understanding the New ADA Regulations
The History and Background of California Access Laws and
the ADA Accessibility Requirements for Existing Buildings
ADA Updates and How They Relate to California
Certified Access Specialist Spring Seminar
National ADA Symposium

Highlights

23 years of experience in the architectural, engineering, and construction service industry.
22 years performing Property Condition Assessments, Construction Loan Monitoring, Limited Owners Representation, and Accessibility Reviews
19 years of experience with multi-family residential, commercial, hospitality, and industrial properties Provides CASp Surveys and Certification and standard Accessibility Surveys

Experience Summary

Ms. Kim serves as a National Technical Director of Accessibility for Partner Engineering and Science, Inc (Partner), performing and overseeing various levels of Accessibility Consulting to a multitude of accessibility laws, codes, and standards (including Americans with Disabilities Act, Fair Housing Amendments Act, Section 504 of the Rehabilitation Act, and state and local building code requirements.) Ms. Kim also works with the Historic Architecture Solutions practice to provide historic reports that meet the Secretary of Interior Standards requirements and the Investment Advisory Group to provide Property Conditions Assessments in accordance with American Society of Testing and Materials (ASTM) standards.

Ms. Kim has 23 years of experience in the architectural, engineering, and construction service industry. She

has extensive knowledge in real estate due diligence for a variety of property types and the needs and requirements of varied number of reporting standards, including ASTM standards and customized client formats. Ms. Kim also has significant experience performing accessibility reviews based on standard requirements and requirements under the Construction-Related Accessibility Standards Compliance Act (CRASCA). Specifically, Ms. Kim has performed remediation design projects, feasibility studies, Property Condition Assessments (PCAs), small loan PCAs, construction progress monitoring, pre-construction plan reviews, Building Owners and Managers Association (BOMA) surveys, construction quality owner's representation, Americans with Disabilities Act (ADA) surveys, Fair Housing Amendments Act (FHAA) surveys, and Certified Access Specialist (CASp) surveys.

Ms. Kim has completed hundreds of PCAs for a variety of real estate investment stakeholders working with building types ranging from multi-family, mixed used, industrial, hospitality, to commercial. She has been involved in Limited Owner's Representation, which includes monitoring construction on multi-family, mixed use, and industrial buildings for quality and compliance with contract documents. She has served as the defense legal expert for several city-owned and privately-owned properties. As a defense legal expert, her duties included working with legal counsel to review Plaintiff Complaints, performing assessments of the properties, design remediation, obtaining bids, monitoring corrective construction work, and mediation. She also has experience in forensic and analytical architecture, including cause and origin evaluation, cost analysis, and remedial repair to non-compliant buildings.

Project Experience

Acquisition/Disposition/Lending/Refinance Property Condition Assessments - Ms. Kim managed condition assessments of hundreds of properties throughout the United States, including coordinating project teams, performing field work, preparing reports and opinion of capital cost budgets, performing quality control, directing technical consultants, and managing client relationships. Projects of note include Class A office high rises in San Francisco, Los Angeles, San Diego, and Boston, suburban office parks, retail centers, industrial properties, multi-family, mixed use, and hospitality buildings. Ms. Kim has also managed large cale PCA portfolios for high profile clients in the Los Angeles County. One portfolio of note included over 320 properties with over 3,000 structures to evaluate during a six-month period.

Limited Owner's Representation Services - Ms. Kim has provided Limited Owners' Representation services on projects including construction of various capital improvement and accessibility corrective work in Southern California and Scottsdale, Arizona. Property types included small retail strip malls, office parks, and multi-family housing. Owner representation services also include monitoring the construction of a 200-unit multi-family residential property in Irvine, California for an institution client, and confirming the property was being constructed according to documentation.

Plans and Specification Review - Ms. Kim managed numerous document reviews for institutional-level development projects in all disciplines on a variety of projects including office, retail, industrial, multi-family, etc. Information reviewed included construction documents, schedules, geotechnical reports, consultant and general construction contracts, and budgets. Notable projects included a 1,000+ unit residential project in Irvine, California and a 500,000 square foot industrial project in Perris, California.

Construction Monitoring Services - Ms. Kim performed periodic site reviews of construction projects and monthly in-depth reviews of the contractor's pay application and documentation for mixed use, multi family, industrial, and commercial projects. Projects of note include a 205-unit residential project in Irvine, California,

a one million square foot industrial project in Perris, California, and a 100-unit residential project with historic bungalows in San Diego, California.

Remediation Design - Ms. Kim managed several feasibility studies and remediation designs for facilities in Southern California that were not in compliance with the Americans with Disabilities Act. She completed remediation designs for a multi-family housing project with water intrusion issues and detailed the new exterior wall system. Accessibility remediation design projects of note include designing an accessible route at a large strip mall in Lake Forest, California, along with an accessible route at an upscale community shopping center in Carlsbad, California.

ADA/FHA/Section 504/ State Accessibility Reviews - Ms. Kim completed numerous Accessibility Reviews, CASp Surveys, plan reviews and Feasibility Studies for properties throughout California and has overseen projects throughout the United States. Projects of note include the review of a large regional shopping center in Fremont, California; Historic Hotel and Attraction in Long Beach, California; and Fair Housing Amendments Act review for a multi-family high rise in Los Angeles, California. Feasibility studies include shopping centers in Anaheim Hills and Bell, California, along with large chain hotels in Southern California.

Affiliations

American Institute of Architects
Certified Access Specialist Institute
National Council of Architectural Registration Boards

Speaking

ADA Update and Trending Issues, City Attorney's Association of Los Angeles County (CAALAC), Laguna Beach, California, 2014. Presenter: how to create a logical transition plan for Title II entities covered under the ADA and litigation in Los Angeles.

ADA Title II, City of Long Beach Public Works Department, Long Beach, California. Presenter, Informal seminar regarding general Title II requirements that may be of interest to the Public Works Department.

Fair Housing Act Requirements, Architect and Engineer Professional Conference, Newport Beach, California 2014. Presenter, Grey areas under the fair housing act.

Forensic Diagnosis Residential Building, Families Forward Board Meeting, 2014. Presenter, Presentation of forensic diagnosis of a residential building in the city of Lake Forest to be acquired by Families Forward.

ADA/CBC and Gas Station, Pacific Oil Conference, Los Angeles, California, 2013. Presenter, Accessibility requirements at gas stations.

Publications

Demystifying California's Accessibility Requirements for Affordable Housing, 2022. Online article discussing California affordable housing and Accessibility requirements.

5 Things to Know about CA's AB 2093 On Disability Access, 2016. Online article discussing Assembly Bill 2093.

25 years of ADA – How Well Do We Know Our Accessibility Obligations, 2015. Online article discussing the various accessibility obligations, different levels of accessibility reviews, and impacts on commercial real estate

Lessons to Avoid ADA Lawsuits, 2015. Online article discussing measures business owners can take to reduce their risk of ADA lawsuits.

Department of Justice Adopts 2010 Accessibility Standards, 2012. White paper discussing changes from the 1991 Standards to the 2010 Standards.

Contact

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