

The Salvation Army Bell Oasis Apartments II

Initial Study – Mitigated Negative Declaration

Draft

prepared for

The Salvation Army
California South Division
16941 Keegan Avenue
Carson, California 90746
Contact: Captain Jay Koebel

prepared by

Rincon Consultants, Inc.
250 East 1st Street, Suite 1400
Los Angeles, California 90012

May 2023

RINCON CONSULTANTS, INC.
Environmental Scientists | Planners | Engineers
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Table of Contents

Initial Study 1
1. Project Title 1
2. Lead Agency Name and Address 1
3. Contact Person and Phone Number 1
4. Project Sponsor's Name and Address 1
5. Project Location 1
6. Description of Project Site 2
7. General Plan Designation 2
8. Zoning 2
9. Surrounding Land Uses and Setting 7
10. Description of Project 8
11. Required Approvals 17
12. Other Public Agencies Whose Approval is Required 17
13. Have California Native American Tribes Traditionally and Culturally Affiliated with the Project Area Requested Consultation Pursuant to Public Resources Code Section 21080.3.1? 17
Environmental Factors Potentially Affected 19
Determination 19
Environmental Checklist 21
1 Aesthetics 21
2 Agriculture and Forestry Resources 25
3 Air Quality 27
4 Biological Resources 39
5 Cultural Resources 45
6 Energy 49
7 Geology and Soils 53
8 Greenhouse Gas Emissions 59
9 Hazards and Hazardous Materials 65
10 Hydrology and Water Quality 71
11 Land Use and Planning 77
12 Mineral Resources 81
13 Noise 83
14 Population and Housing 95
15 Public Services 97
16 Recreation 101

17 Transportation 103
18 Tribal Cultural Resources 107
19 Utilities and Service Systems 113
20 Wildfire....117
21 Mandatory Findings of Significance 119
References 123
Bibliography 123
List of Preparers 128

Tables

Table 1 Project Summary....9
Table 2 Health Effects Associated with Non-Attainment Criteria Pollutants 28
Table 3 SCAQMD Regional Significance Thresholds 30
Table 4 SCAQMD LSTs for Construction (SRA 12) 31
Table 5 Estimated Maximum Daily Project Construction Emissions 34
Table 6 Estimated Project Operational Emissions 35
Table 7 Estimated Fuel Consumption during Construction (gallons) 50
Table 8 Estimated Project Annual Operational Energy Consumption....51
Table 9 Project Consistency with Applicable SCAG 2020-2045 RTP/SCS Strategies....62
Table 10 Estimated Project Construction GHG Emissions 63
Table 11 Estimated Project Annual Emissions....64
Table 12 Vibration Damage Potential....85
Table 13 Vibration Annoyance Potential 85
Table 14 Project Site Vicinity Sound Level Monitoring Results 86
Table 15 Construction Noise Levels at Receivers 91
Table 16 Typical Vibration Levels during Construction Activities....93

Figures

Figure 1 Regional Location....3
Figure 2 Project Location 4
Figure 3 Site Photographs....5
Figure 4 Site Photographs....6
Figure 5 Site Plan and First Floor 10
Figure 6 Second Floor 11
Figure 7 Third Floor....12
Figure 8 Roof Plan 13
Figure 9 Building Elevations....14

Figure 10 Building Renderings 15
Figure 11 Noise Measurement Locations 87

Appendices

Appendix A Phase I Environmental Site Assessment
Appendix B CalEEMod Results
Appendix C Cultural Resources Assessment
Appendix D Energy Demand Calculations
Appendix E Geotechnical Engineering Investigation
Appendix F Phase II Environmental Site Assessment
Appendix G Additional Phase II Environmental Site Assessment
Appendix H Noise Data and Calculations

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Initial Study

1. Project Title

The Salvation Army Bell Oasis Apartments II Project

2. Lead Agency Name and Address

City of Bell, Planning Division
6330 Pine Avenue
Bell, California 90201

3. Contact Person and Phone Number

Paula Kelly, Contract Planner
pkelly@cityofbell.org
(323) 588-2609

Rodrigo Pelayo, Associate Planner
rpelayo@cityofbell.org
(323) 588-6211 ext. 2622

4. Project Sponsor's Name and Address

The Salvation Army, California South Division
16941 Keegan Avenue
Carson, California 90746
Contact: Captain Jay Koebel

5. Project Location

The Salvation Army Bell Oasis Apartments II Project (hereafter referred to as "proposed project" or "project") is located on a 76,192-square-foot (1.75-acre) site within The Salvation Army's campus in the City of Bell, California, located at 5600 Rickenbacker Road. The exact project address within the campus is yet to be determined; however, the site consists of The Salvation Army's property south of K Street and east of the Honorable Judge Harry Pregerson Community Building, which is located between the project site and Hunt Apartments. The Community Building and Hunt Apartments are owned and operated by the Salvation Army. The Hunt Apartments is hereafter referred to as "Bell Oasis Apartments I," which was the original name of the permanent supportive housing development when it was approved by the City of Bell in 2016. The project site consists of the southern portions of the City's Assessor's Parcel Numbers (APN) 6332-002-090, -037, and -038.

The City of Bell is bounded on the north by the cities of Maywood, Vernon, and Huntington Park; on the south by the cities of Cudahy and South Gate; on the east by the cities of Bell Gardens and Commerce; and on the west by the cities of Vernon, Maywood, and Huntington Park. The site is regionally accessible by Interstate 710 (I-710) and locally accessible by K Street, which transitions to

Mansfield Way approximately 60 feet east of the site and connects to Eastern Avenue, an arterial roadway that traverses the cities of Bell Gardens, Bell, and Commerce. Figure 1 shows the location of the project site in the region and Figure 2 shows the project site in its local context.

6. Description of Project Site

The project site is in an area primarily developed with buildings owned and operated by The Salvation Army and industrial land uses owned and operated by other companies. The site is generally flat with an elevation of approximately 140 feet above mean sea level. The site is currently vacant and consists of asphalt surfaces and pervious earth area with vegetation, including approximately seven mature trees and one palm. A concrete-lined drainage channel, which is owned by The Salvation Army, runs along the southern boundary of the site within the site, as shown in Figure 2. The drainage channel is mostly covered with additional ruderal vegetation and solid waste, which is regularly cleared and maintained by The Salvation Army. An additional seven trees and five palms are located along the drainage channel. The site is currently utilized for surface parking and as a temporary seating area for the Bell Oasis Apartments I to the west. Figure 3 and Figure 4 provide photographs of current site conditions and nearby uses.

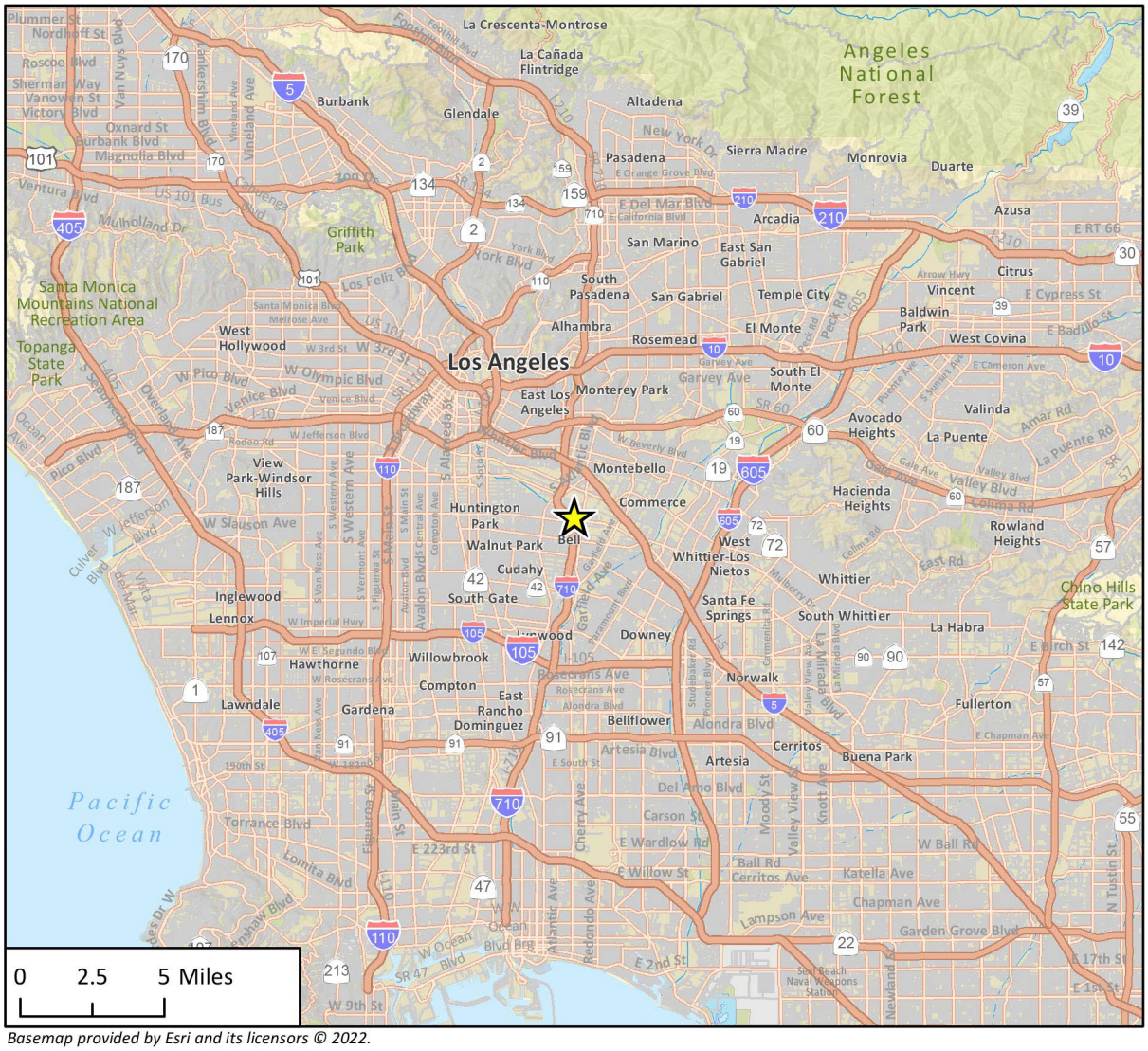
7. General Plan Designation

The project site has a General Plan Designation of Industrial (IND).

8. Zoning

The project site is currently zoned Commercial Manufacturing (CM).

Figure 1 Regional Location



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Project Location

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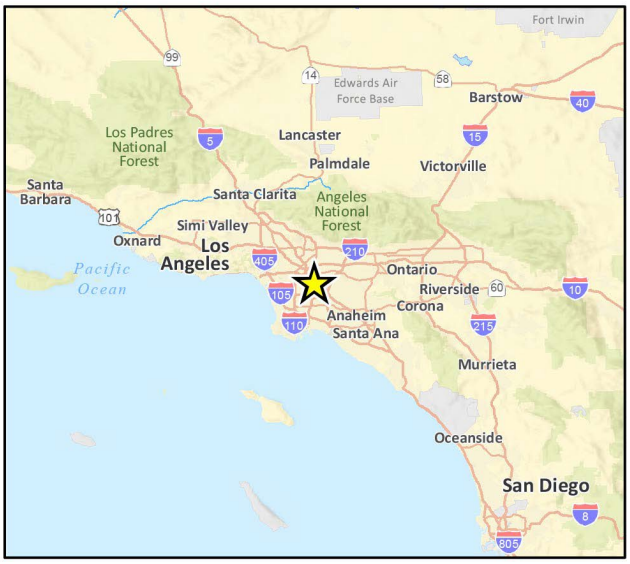
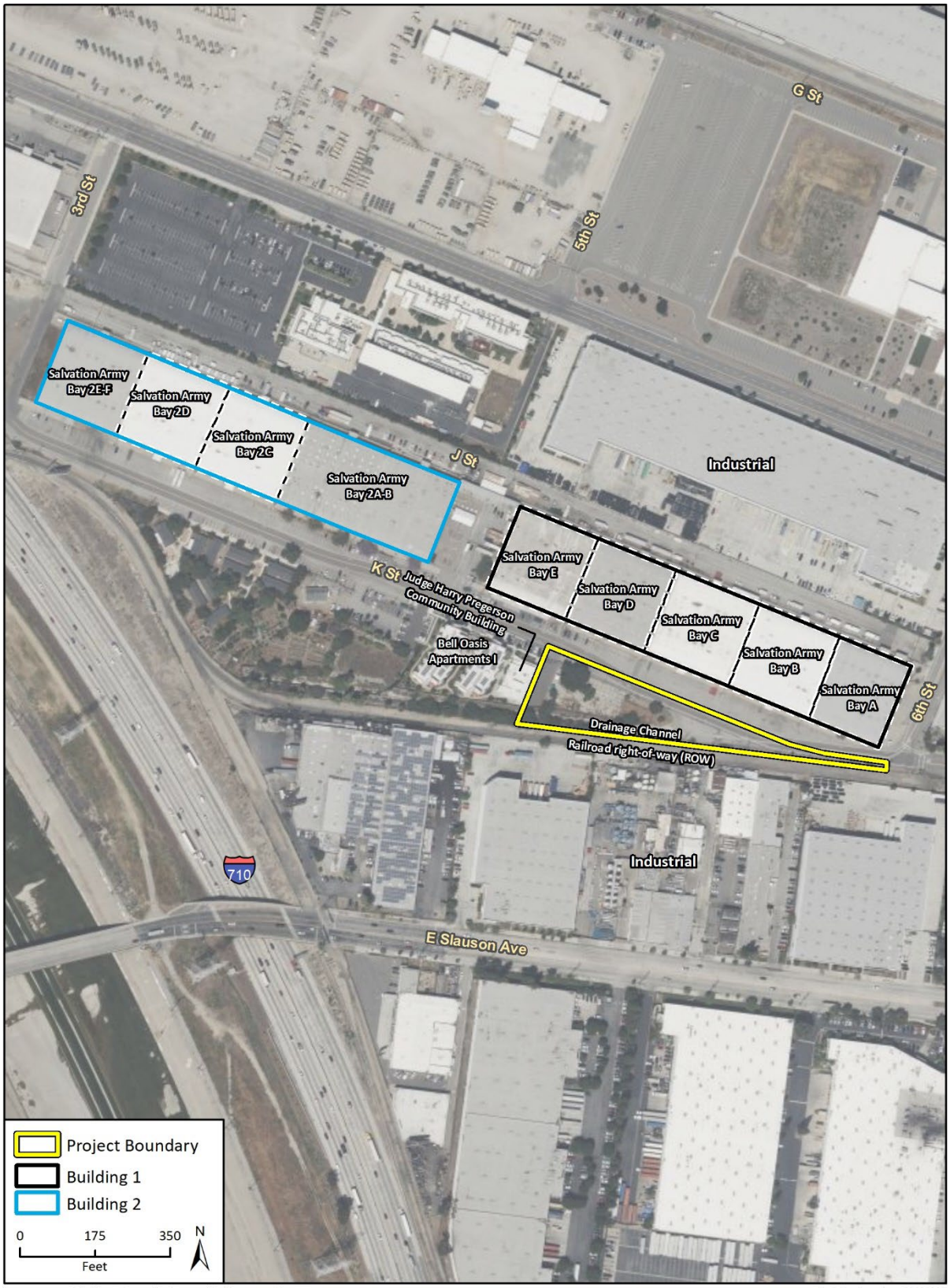


Figure 2 Project Location



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Fig 2 Site Boundary_20230113

Figure 3 Site Photographs



Photograph 1. Southwestern corner of the project site (near the existing fire access lane) looking northeast



Photograph 2. Northern boundary of project site along K Street looking northeast toward The Salvation Army warehouse (Building 1)



Photograph 3. Eastern project site boundary looking south toward industrial uses



Photograph 4. Northern project site boundary looking at the site

Figure 4 Site Photographs



Photograph 5. View of The Salvation Army warehouse (Building 1) north of the site across K Street, facing northwest



Photograph 6. View of the concrete-lined drainage channel and solid waste likely associated with homeless activity near the site



Photograph 7. View of the Honorable Judge Harry Pregerson Community Building and Bell Oasis Apartments I, facing southwest



Photograph 8. View of the concrete stormwater channel traversing the project site in an east-west direction, facing west

9. Surrounding Land Uses and Setting

In August 2007, the federal government donated about 25 acres of property in Bell to The Salvation Army with a restriction that the property be used solely to serve the homeless, a mandate consistent with The Salvation Army's mission. Uses surrounding the project site include the donated property which has been developed over years to make up the campus that exists today. The project site is bounded to the north and east by K Street and The Salvation Army warehouse buildings (Building 1 and Building 2), to the south by a railroad spur right of way (ROW), and to the west by the Bell Oasis Apartments I.

Development surrounding the project site is described in greater detail:

- **North** – K Street, a two-way roadway, extends along the project site's northern boundary. Large warehouse buildings, owned and operated by The Salvation Army, occupy the frontage along the northern side of K Street. These buildings are represented as Building 1 and Building 2 in Figure 2 and consist of various "bays" that have been renovated to accommodate allowed uses on the campus.[1] Building 1, which is located directly north of the site, is divided into Bays A through E: Bays A and B are vacant and/or are used for miscellaneous storage, Bays C and D are occupied by The Salvation Army Emergency Disaster Services, and Bay E is occupied by The Salvation Army Emergency Housing. Building 2, which is located approximately 400 feet northwest of the site is also divided into Bays A through F: Bays A and B houses the Bell Shelter Interim Housing Program whereas Bays C through F are used for storage and/or are leased out. East – K Street extends into the immediate east of the project site until it transitions into Mansfield Way and connects to Eastern Avenue.
- **South** – A mostly inactive railroad spur ROW abuts the project site to the south. Based on observations made by the Salvation Army over the last four years to date, the railroad spur south of the site is used minimally, with little to no activity witnessed during typical daytime working hours. The railroad spur connects to the larger railroad system adjacent to I-710 approximately 730 feet west of the site, which is used by freight trains to transport heavy cargo. Other industrial uses, such as warehousing, wholesalers, and resin manufacturing, are located further south across the railroad spur.
- **West** – The Honorable Judge Harry Pregerson Community Building is located west of the project. The Community Building is currently used to conduct scheduled skill building groups, recreationally engaging art groups, resident community meetings, movie nights, holiday celebrations, community resource meetings, workshops, learning collaborative meetings, resource presentations, and provides a space where residents of the Bell Oasis Apartments I can meet with outside providers. The Bell Oasis Apartments I is a permanent supportive housing development located further west of the site and consists of 64 studio apartments for previously homeless individuals, plus one manager's unit. Beyond the Bell Oasis Apartments I, I-710 is located approximately 750 feet to the southwest of the project site at its nearest distance to the site.

[1] Building 1 and Building 2 were included as part of the original property transferred to The Salvation Army by the federal government under Title V of the McKinney-Vento Homeless Assistance Act.

10. Description of Project

The proposed project is located on an approximately 1.75-acre lot that consists of asphalt surfaces, pervious earth area with vegetation, including a total of 14 mature trees and six palms, and a concrete-lined drainage channel. The proposed project is a permanent supportive housing project within the meaning of the California Health and Safety Code Section 56975.14 that would involve construction of a three-story, 39,690-square-foot apartment building consisting of 57 studio units of permanent support housing and a two-bedroom staff unit for an on-site manager, for a total of 58 apartment units. California Health and Safety Code Section 56975.14 defines supportive housing as, "housing with no limit on length of stay, that is occupied by the target population, and that is linked to onsite or offsite services that assist the supportive housing resident in retaining the housing, improving their health status, and maximizing their ability to live and, when possible, work in the community." In the case of the project, the proposed housing is permanent and long term for homeless individuals, including homeless veterans, and there is no temporary housing contemplated or included as part of the project. All future residents would be placed in the project through the Los Angeles County Coordinated Entry System (CES), with veterans approved for residency by the U.S. Department of Veterans Affairs office.

Of the 57 studio units, nine units would be ADA accessible. The project would also provide administrative and supportive service spaces including two 114-square-foot case manager office spaces and a 107-square-foot U.S. Department of Veterans Affairs office to assist residents with housing stability. Office hours would be 8 a.m. to 5 p.m. Monday through Friday. A full-time staff person residing on-site would be available as needed during evenings and weekends, whereas staff of The Salvation Army's Bell Shelter would be available 24/7. Other project amenities would include a recreation room, decks, a lounge/computer area, a fitness room, a raised garden area, and a library.

As a permanent supportive housing project with 100 percent affordable units, the project meets the definition of supportive housing under California Health and Safety Code Section 50675.14 and is not required to provide on-site parking pursuant to the State Density Bonus Law (Government Code Section 65915(p)(3)(c)). Nonetheless, the project would provide a total of five parking spaces immediately to the west of the proposed building for staff, including one ADA accessible space. The project site would be accessible for staff, residents, and visitors via K Street. Pedestrians would be able to access the project site via the existing outlined walkways along K Street and the proposed sidewalk at the project frontage. Figure 5 includes a view of the project site plan and first floor, which shows the proposed concrete sidewalk along the northern boundary of the site that connects to the painted pedestrian walk. The proposed project would "straighten" K Street so that it continues in a straight path east to west, parallel to the existing Bell Oasis Apartments I and northern boundary of the proposed project.

Although the project would remove all on-site trees located on the flat portion of the site (i.e., seven mature trees and one palm), the existing drainage channel would remain as part of the project, including all tress located along the channel (i.e., seven mature trees and five palms).

Table 1 on the following page summarizes the proposed project components. Figure 5 shows the project site plan and first floor, whereas Figure 6 and Figure 7 illustrate the second and third floors of the proposed project. Figure 8 shows roof plans, Figure 9 shows planned building elevations, and Figure 10 illustrates building renderings.

Table 1 Project Summary

Building Area	
First Floor	15,840 gsf
Second Floor	12,150 gsf
Third Floor	11,700 gsf
Total	**39,690 gsf (47.3% site coverage)**
Parking Spaces	
Standard (9'x19')	4 spaces
ADA	1 space
Total	**5 spaces**
Open Space	
First Floor	Multipurpose Room 772 sf
	Open Decks 285 sf
Second Floor	Open Decks 847 sf
Third Floor	Open Decks 487 sf
Total Provided	**2,391 sf**

gsf: gross square feet; sf: square feet

Figure 5 Site Plan and First Floor



Figure 6 Second Floor

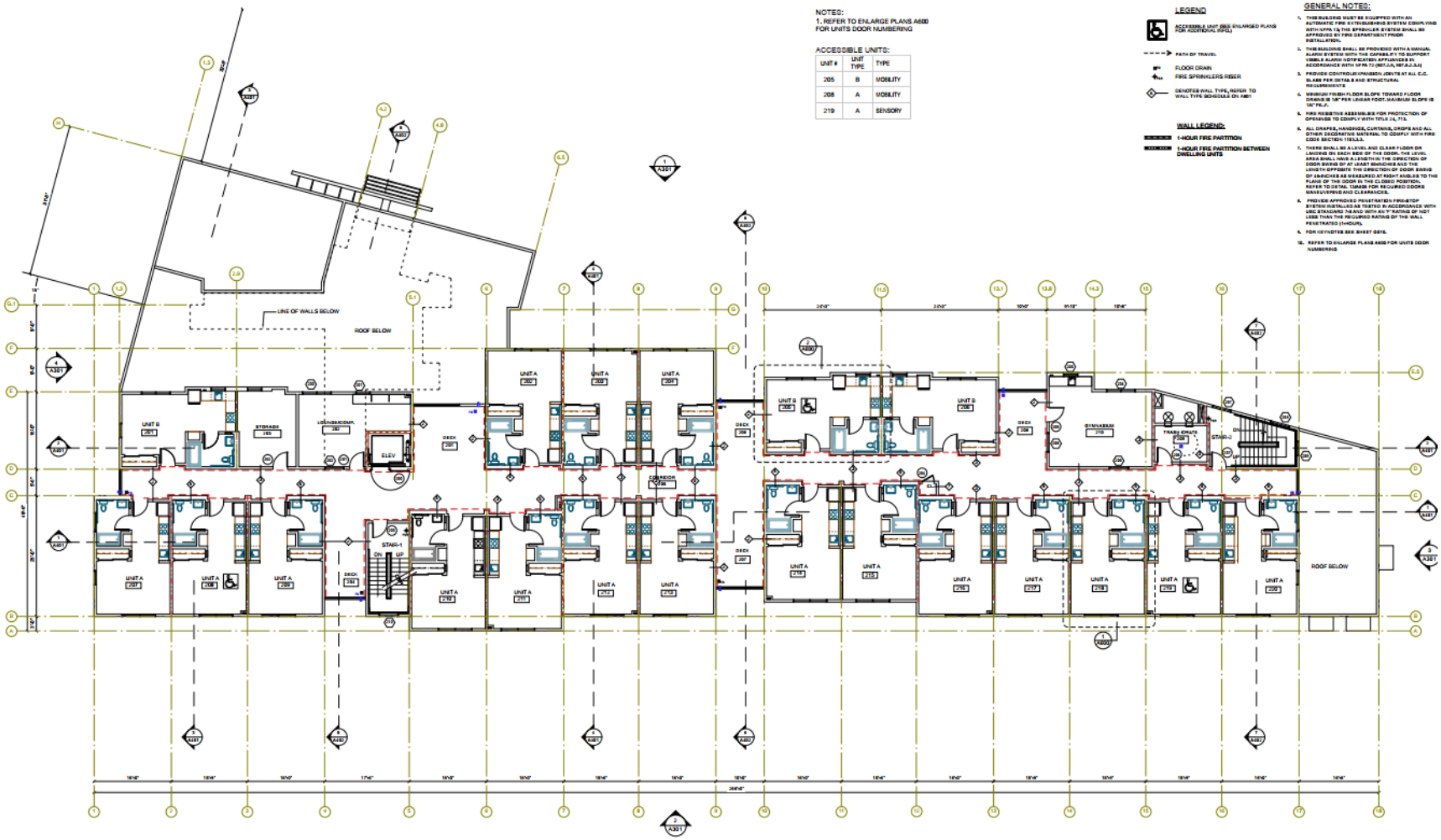


Figure 7 Third Floor

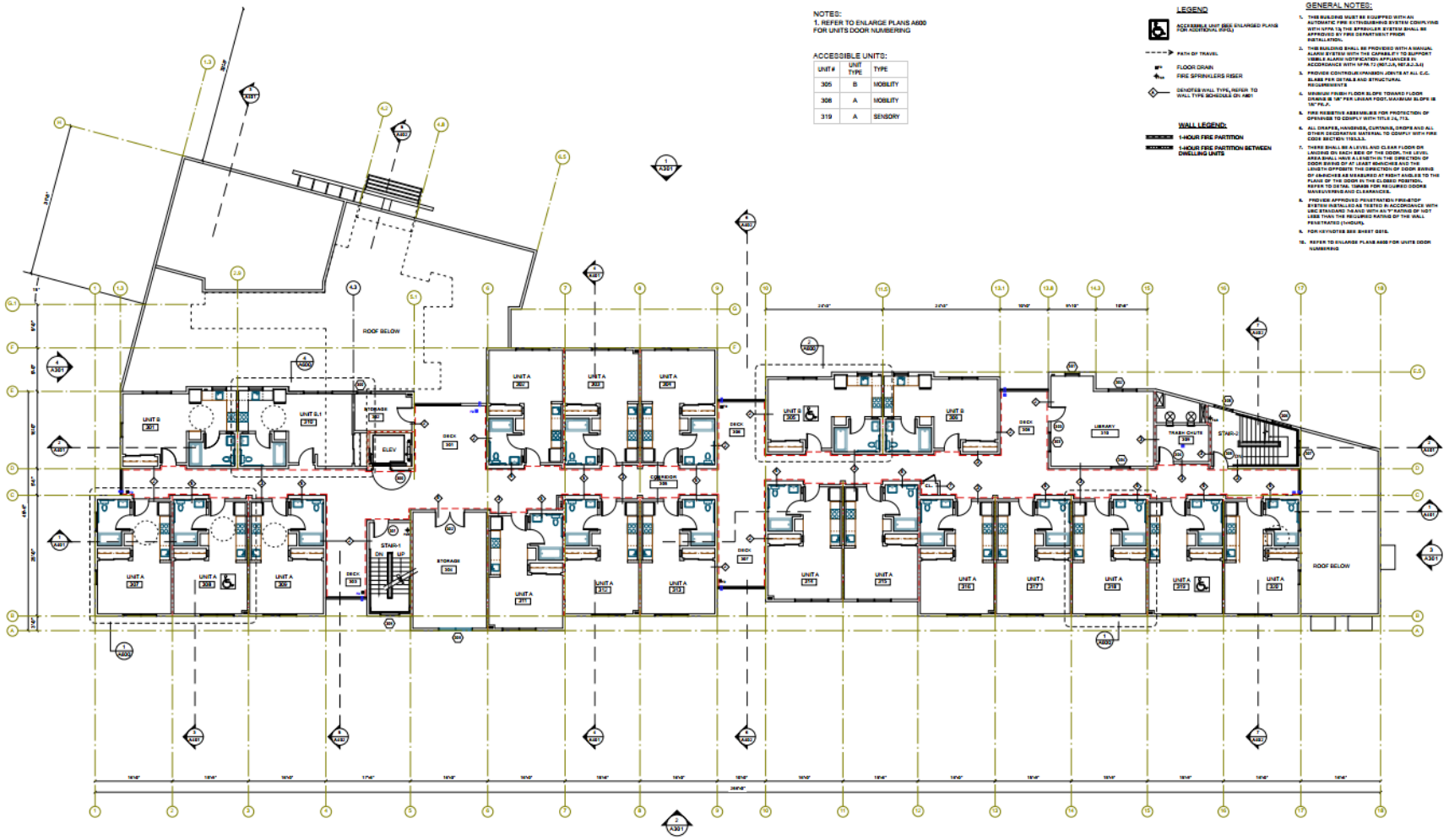


Figure 8 Roof Plan

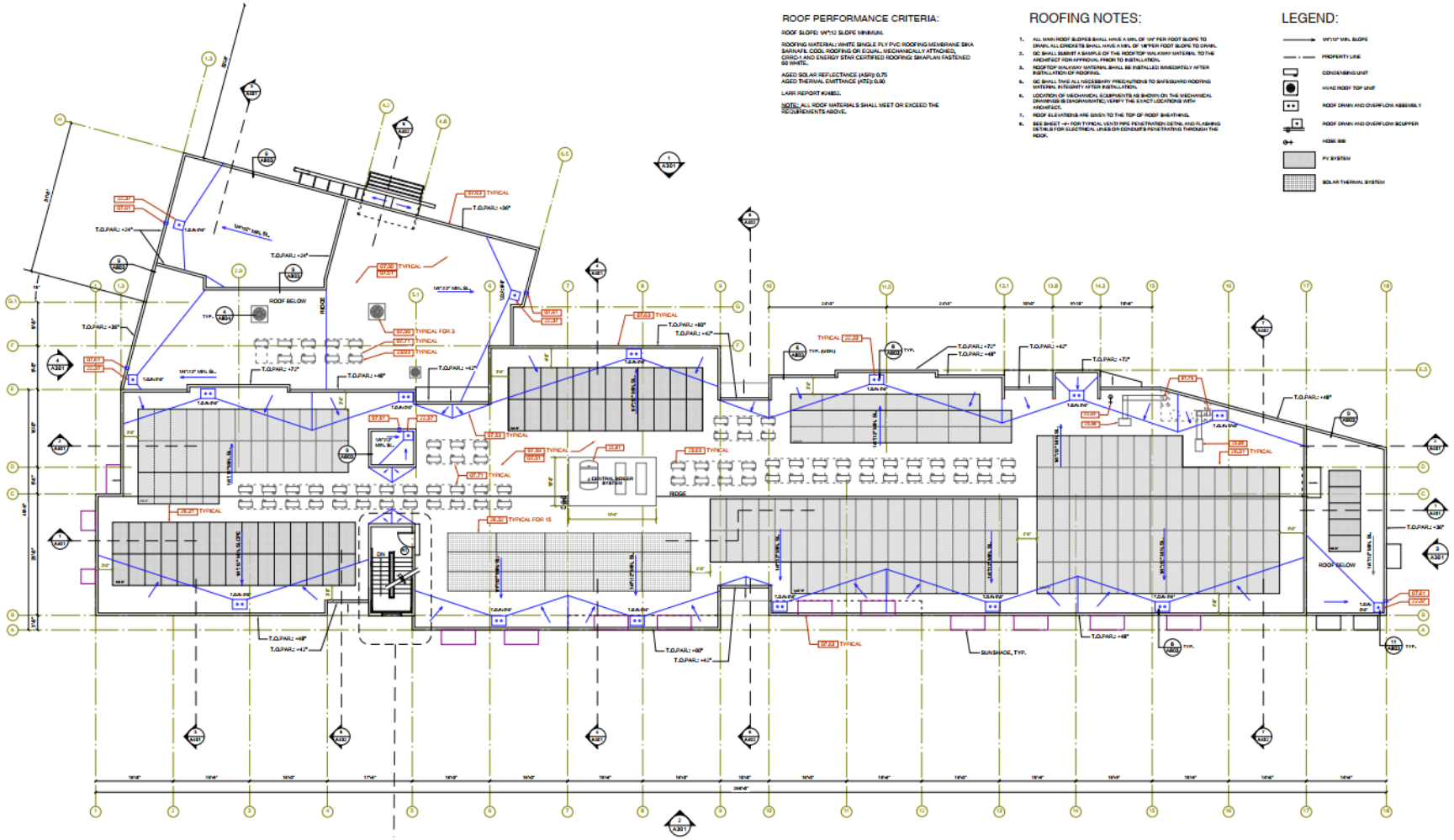


Figure 9 Building Elevations



Figure 10 Building Renderings



Green Building

The proposed project would be designed with the goal of achieving a LEED Gold rating from the U.S. Green Building Council (USGBC). To achieve the Gold rating, the project must earn points by meeting a series of prerequisites and credits that address carbon, energy, water, waste, transportation, materials, health, and indoor environmental quality. The General Contractor is required to become familiar with the requirements necessary to earn between 50 and 59 points and meet the LEED Gold rating as outlined in the plans and specifications.

The proposed project would include energy-efficient appliances/lighting, water-efficient appliances/fixtures, dual-pane windows with low-E (meaning low emissivity, which in turn means a surface that emits low levels of radiant heat), drip-irrigation systems, and native and drought-tolerant landscaping. The project would also include installation of a solar photovoltaic (PV) rooftop system to supplement electricity demand for the heating and cooling of the project. Furthermore, of the five total parking spaces provided by the project, one space would be an EV-Installed space, one space would be an EV-Capable space, and two spaces would be EV-Ready spaces.[2]

Construction

Construction of the project would occur between June 2024 and November 2025 during weekdays and occasional Saturdays between 8 a.m. and 6 p.m. Construction activities would include the removal of all on-site trees located on the flat portion of the site (i.e., seven mature trees and one palm) and preservation of all tress located along the concrete drainage channel (i.e., seven mature trees and five palms). Due to on-site soil contamination, discussed further in Section 9, *Hazards and Hazardous Materials*, of this document, estimates indicate that up to approximately 3,500 cubic yards of impacted soil would be exported prior to construction of the project. However, there may be a need to remove an additional 3,000 cubic yards if the entirety of the site is leveled at three feet below the existing ground surface resulting in a maximum soil export of 6,500 cubic yards. Although actual soil export quantities are anticipated to be less than 6,500 cubic yards, this analysis conversative assumes that approximately 6,500 cubic yards of healthy soil would be imported to replace removed soil and be redistributed on the site.

The project would also require utility work as part of project construction; however, the project would only require new infrastructure to connect the proposed building's utility lines (all underground) to the existing main utility lines. The existing main utility lines (i.e., domestic water, fire water, gas, and wastewater/sewer) would have adequate capacity to serve the project without the need for new or expanded connections to the main infrastructure to increase capacity. Furthermore, underground electric/cable infrastructure would run from the project transformer and connect to existing Southern California Edison (SCE) power poles along the north side of K Street lines.

[2] An EV-Capable space requires just the infrastructure (conduit, breaker space, junction box, etc.) for the future installation of an EV charging station. An EV-Ready space requires both the infrastructure and a wired outlet. An EV-Installed space requires all of the infrastructure plus the actual EV charging station.

11. Required Approvals

The proposed project would require approval of a Tentative Parcel Map, site plan approval, and approval of this Initial Study-Mitigated Negative Declaration (IS-MND) by the City of Bell. Additionally, the project would require the following:

- A re-zoning of the planned parcel from CM to C-3R.
- A conditional use permit for development of housing in the C-3R zone.

All project entitlements would be reviewed and considered as a comprehensive project throughout the City's review and approval process.

12. Other Public Agencies Whose Approval is Required

The City of Bell is the lead agency for the proposed project and no approvals are required from any other agency.

13. Have California Native American Tribes Traditionally and Culturally Affiliated with the Project Area Requested Consultation Pursuant to Public Resources Code Section 21080.3.1?

Rincon Consultants, Inc. (Rincon) contacted the Native American Heritage Commission (NAHC) on June 6, 2022, to request a search of the Sacred Lands File (SLF), as well as a contact list of Native American tribes with traditional and cultural affiliation with the geographic area in which the project is located. On July 5, 2022, the NAHC responded to the request with a consultation list of nine tribes to contact. Based on this list, and per Public Resources Code (PRC) Section 21080.3.1, the City of Bell sent out consultation letters on August 8, 2022 to these nine listed tribes to request information on potential cultural resources in the project site vicinity that may be impacted by the proposed project's development and received responses from two tribes. On August 8, 2022, Christina Conley, consultant and administrator of the Gabrielino Tongva Indians of California, responded requesting additional information, which was provided as part of the Cultural Resources Assessment prepared by Rincon, dated August 2022. On August 9, 2022, Andrew Salas, Chairperson of the Gabrieleño Band of Mission Indians-Kizh Nation requested to consult with the City on the project. A consultation phone call between Chairperson Andrew Salas and Matt Teutimeuz, also representing the Kizh Nation, and City Staff occurred on February 9, 2023. During the consultation call, the Gabrieleño Band of Mission Indians- Kizh Nation requested additional data regarding the project be sent to them following the meeting including the extent/depth of ground disturbance, the Cultural Resources Assessment, and any other geotechnical or site assessment reports. This information was gathered and provided to the tribe on February 27, 2023. Additional details regarding consultation efforts are provided in Section 18, *Tribal Cultural Resources*, of this IS-MND.

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Environmental Factors Potentially Affected

This project would potentially affect the environmental factors checked below, involving at least one impact that is "Potentially Significant" or "Less than Significant with Mitigation Incorporated" as indicated by the checklist on the following pages.

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

Determination

Based on this initial evaluation:

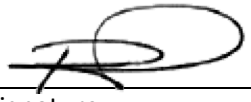
☐ I find that the proposed project COULD NOT have a significant effect on the environment, and a NEGATIVE DECLARATION will be prepared.

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

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

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

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



Rodrigo Pelayo for

Signature

5/12/2023

Date

Manuel Acosta

Printed Name

Community Development Director

Title

Environmental Checklist

1 Aesthetics

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

a. Would the project have a substantial adverse effect on a scenic vista?

A scenic vista is defined as a public viewpoint that is found to be locally or regionally attractive and provides expansive views of a highly valued landscape for the benefit of the public. The project site is in an industrial, urbanized area in the northeastern portion of the city. The site is bounded by K Street to the north and east with other buildings owned by The Salvation Army beyond, a railroad spur ROW to the south with industrial uses beyond, and the existing three-story Bell Oasis Apartments I to the west. The larger area is comprised of a mix of additional industrial and commercial uses. The project would involve construction of a three-story apartment building on a currently vacant site. Due to existing development surrounding the site, there are no scenic vistas visible from the site and the project would not obstruct views of scenic vistas. No impact would occur.

NO IMPACT

b. Would the project substantially damage scenic resources, including but not limited to, trees, rock outcroppings, and historic buildings within a state scenic highway?

There are no designated State scenic highways located in the vicinity of the project site, as identified by the California Department of Transportation (Caltrans) (Caltrans2022). The site is located approximately 750 feet northeast from I-710; however, this highway is not identified by Caltrans as a State scenic highway containing views of scenic resources (Caltrans 2022). Therefore, the project would not impact scenic resources within a State scenic highway, including trees, rock outcroppings, and historic buildings. The project would remove seven trees and one palm on-site; however, these trees do not provide scenery along a State scenic highway. Furthermore, the project site does not contain any natural habitats or rock outcroppings, nor is it in proximity to any such resources. The on-site concrete drainage channel is not natural habitat and, as discussed in Section 4, *Biological Resources*, the site does not provide suitable habitat for any special-status wildlife species and the level of disturbance on the site precludes the presence of special-status plant species. In addition, as described in Section 5, *Cultural Resources*, the project site does not contain any historic buildings. There would be no impacts to scenic resources near a designated State scenic highway.

NO IMPACT

c. Would the project, in non-urbanized areas, substantially degrade the existing visual character or quality of public views of the site and its surroundings? (Public views are those that are experienced from a publicly accessible vantage point). If the project is in an urbanized area, would the project conflict with applicable zoning and other regulations governing scenic quality?

The site is bounded by K Street to the north and east with other buildings owned by The Salvation Army beyond, a railroad spur ROW to the south with industrial uses beyond, and the existing three-story Bell Oasis Apartments I to the west. The larger area is comprised of a mix of additional industrial and commercial uses in an urbanized area of the city. The project would involve development of a three-story apartment building consisting of 58 units, 57 of which would provide housing for homeless individuals in addition to the housing currently provided by the Bell Oasis Apartments I to the west.

The project site is zoned Commercial Manufacturing (CM), which does not allow for residential uses per Section 17.36.020 (Permitted Uses) of the Bell Municipal Code (BMC). However, the project includes a Zone Change from CM to C-3R with a conditional use permit to allow for housing in the C-3R zone. According to BMC Section 17.28.020 (Permitted Uses), residential uses are permitted in the C-3R zone with approval of a conditional use permit. Furthermore, the project would comply with all applicable development standards (e.g., height, setbacks) regulating the C-3R zone per BMC Section 17.28.040 (Development Standards) and the project would be consistent with the requirements set forth in the State Density Bonus Law (Government Code Section 65915(p)(3)(c)) regulating parking. The project would also be subject to site plan and design review per BMC Section 17.92.040 (Site Plan Review Authority) by the City's Planning Commission. This regulatory review procedure verifies that development projects and any requested approvals achieve compatibility with the surrounding area.

While development of the project would change the appearance and use of the project site relative to its existing conditions, it would not degrade the visual character or quality of the site. Rather, the project would change the existing vacant site by providing more housing, amenities, and services for homeless individuals complementary to the adjacent Bell Oasis Apartments I and other supportive services offered within The Salvation Army's campus. Specifically, based on project plans, the

project would be compatible in scale and architectural design (e.g., exterior color, materials, configuration) with the Bell Oasis Apartments I. Therefore, with approval of the requested zone change, the project would not conflict with applicable zoning or other regulations regarding scenic quality and would not significantly impact scenic quality in the area. Impacts would be less than significant.

LESS THAN SIGNIFICANT IMPACT

d. Would the project create a new source of substantial light or glare that would adversely affect daytime or nighttime views in the area?

The project is located within an urbanized area developed with industrial, commercial, and residential uses. Existing light and glare in the project area consists of vehicles, streetlights, and exterior light/glare associated with the surrounding development. Implementation of the project would present an increase in daytime and nighttime lighting at the project site relative to existing, vacant conditions such as from interior lights in habitable spaces, exterior security lighting for safety, and from vehicles either accessing or leaving the site. Daytime glare could be created by the sun's reflection off light colored building materials, windows, and finishes, and metallic and glass surfaces of vehicles. However, these new sources of light and glare would be comparable to that from the surrounding development, particularly the adjacent Bell Oasis Apartments I. In addition, the project would not create new sources of light or glare that would substantially affect daytime or nighttime views in the urbanized area. At its distance of 750 feet from the site, and due to the presence of existing buildings between the site and I-710, the project would also not create a source of substantial light or glare affecting views from I-710. Furthermore, the design of this project, including its finish, colors, and materials, would be reviewed for approval through the City's review process. This regulatory procedure provides the City with an additional layer of review for aesthetics including light and glare, and an opportunity to incorporate additional conditions to improve the project's building materials and lighting plans. Impacts would be less than significant.

LESS THAN SIGNIFICANT IMPACT

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2 Agriculture and Forestry Resources

	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less than Significant Impact	No Impact
Would the project:				
a. Convert Prime Farmland, Unique Farmland, or Farmland of Statewide Importance (Farmland), as shown on maps prepared pursuant to the Farmland Mapping and Monitoring Program of the California Resources Agency, to non-agricultural use?	☐	☐	☐	■
b. Conflict with existing zoning for agricultural use or a Williamson Act contract?	☐	☐	☐	■
c. Conflict with existing zoning for, or cause rezoning of, forest land (as defined in Public Resources Code Section 12220(g)); timberland (as defined by Public Resources Code Section 4526); or timberland zoned Timberland Production (as defined by Government Code Section 51104(g))?	☐	☐	☐	■
d. Result in the loss of forest land or conversion of forest land to non-forest use?	☐	☐	☐	■
e. Involve other changes in the existing environment which, due to their location or nature, could result in conversion of Farmland to non-agricultural use or conversion of forest land to non-forest use?	☐	☐	☐	■

a. Would the project convert Prime Farmland, Unique Farmland, or Farmland of Statewide Importance (Farmland), as shown on maps prepared pursuant to the Farmland Mapping and Monitoring Program of the California Resources Agency, to non-agricultural use?

b. Would the project conflict with existing zoning for agricultural use or a Williamson Act contract?

c. Would the project conflict with existing zoning for, or cause rezoning of, forest land (as defined in Public Resources Code Section 12220(g)); timberland (as defined by Public Resources Code Section 4526); or timberland zoned Timberland Production (as defined by Government Code Section 51104(g))?

d. Would the project result in the loss of forest land or conversion of forest land to non-forest use?

e. Would the project involve other changes in the existing environment which, due to their location or nature, could result in conversion of Farmland to non-agricultural use or conversion of forest land to non-forest use?

According to the Phase I Environmental Site Assessment (ESA) prepared by Rincon for the project in January 2022, which is included as Appendix A, the site was utilized for agricultural purposes (i.e., dry farming, row crops) between 1928 and 1943 (Rincon 2022a). However, the project site is currently vacant and zoned CM. The site is in an urbanized area developed with industrial, commercial, and residential uses. According to the Department of Conservation's (DOC) Important Farmland Finder, the project site and surrounding land is classified as Urban and Built-Up Land. In addition, there is no nearby Prime Farmland, Farmland of Statewide Importance, Unique Farmland, or Farmland of Local Importance (DOC 2022a). Additionally, as the project site is classified as Urban and Built-Up Land, the project would not result in conversion forest land, timberland, or an area zoned for Timberland Production. Therefore, the project would not conflict with any land zoned for agricultural use, forest land, timberland, timberland zoned Timberland Production. Furthermore, the project site and surrounding land is not under a Williamson Act contract. Therefore, no impact would occur.

NO IMPACT

3 Air Quality

	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less than Significant Impact	No Impact
Would the project:				
a. Conflict with or obstruct implementation of the applicable air quality plan?	☐	☐	■	☐
b. Result in a cumulatively considerable net increase of any criteria pollutant for which the project region is non-attainment under an applicable federal or state ambient air quality standard?	☐	☐	■	☐
c. Expose sensitive receptors to substantial pollutant concentrations?	☐	☐	■	☐
d. Result in other emissions (such as those leading to odors) adversely affecting a substantial number of people?	☐	☐	■	☐

Overview of Air Pollution

The federal and State Clean Air Acts (CAA) mandate the control and reduction of certain air pollutants. Under these laws, the U.S. Environmental Protection Agency (USEPA) and the California Air Resources Board (CARB) have established the National Ambient Air Quality Standards (NAAQS) and the California Ambient Air Quality Standards (CAAQS) for "criteria pollutants" and other pollutants. Some pollutants are emitted directly from a source (e.g., vehicle tailpipe, an exhaust stack of a factory, etc.) into the atmosphere, including carbon monoxide, volatile organic compounds (VOC)/reactive organic gases (ROG), nitrogen oxides (NO_X), particulate matter with diameters of ten microns or less (PM_{10}) and 2.5 microns or less ($PM_{2.5}$), sulfur dioxide, and lead. [3] Other pollutants are created indirectly through chemical reactions in the atmosphere, such as ozone, which is created by atmospheric chemical and photochemical reactions primarily between VOC and NO_X. Secondary pollutants include oxidants, ozone, and sulfate and nitrate particulates (smog). Air pollutants can be generated by the natural environment, such as when high winds suspend fine dust particles.

Air pollutant emissions are generated primarily by stationary and mobile sources. Stationary sources can be divided into two major subcategories:

- Point sources occur at a specific location and are often identified by an exhaust vent or stack. Examples include boilers or combustion equipment that produce electricity or generate heat.

[3] CARB defines VOC and ROG similarly as, "any compound of carbon excluding carbon monoxide, carbon dioxide, carbonic acid, metallic carbides or carbonates, and ammonium carbonate," with the exception that VOC are compounds that participate in atmospheric photochemical reactions. For the purposes of this analysis, ROG and VOC are considered comparable in terms of mass emissions, and the term VOC is used in this IS-MND.

- Area sources are widely distributed and include such sources as residential and commercial water heaters, painting operations, lawn mowers, agricultural fields, landfills, and some consumer products.

Mobile sources refer to emissions from motor vehicles, including tailpipe and evaporative emissions, and can also be divided into two major subcategories:

- On-road sources that may be legally operated on roadways and highways.
- Off-road sources include aircraft, ships, trains, and self-propelled construction equipment.

Air pollutants can also be generated by the natural environment, such as when high winds suspend fine dust particles.

Air Quality Standards and Attainment

The project site is in the South Coast Air Basin (SCAB), which includes the non-desert portions of Los Angeles, Riverside, and San Bernardino counties, and all of Orange County. The SCAB is under the jurisdiction of the South Coast Air Quality Management District (SCAQMD). As the local air quality management agency, the SCAQMD is required to monitor air pollutant levels to ensure that the NAAQS and CAAQS are met and, if they are not met, to develop strategies to meet the standards. Depending on whether the standards are met or exceeded, the SCAB is classified as being in "attainment" or "nonattainment." In areas designated as nonattainment for one or more air pollutants, a cumulative air quality impact exists for those air pollutants and the human health associated with these criteria pollutants are already occurring in that area as part of the environmental baseline condition. Under State law, air districts are required to prepare a plan for air quality improvement for pollutants for which the district is in nonattainment. The SCAB is currently designated as being in nonattainment for the ozone NAAQS and CAAQS, the PM_{10} CAAQS, and the $PM_{2.5}$ NAAQS and CAAQS. Areas of the SCAB located in Los Angeles County are also in nonattainment for the lead NAAQS. The SCAB is either unclassified or designated in attainment for all other NAAQS and CAAQS (SCAQMD 2018). The health effects associated with criteria pollutants for which the SCAB is in non-attainment are described in Table 2.

Table 2 Health Effects Associated with Non-Attainment Criteria Pollutants

Pollutant	Adverse Effects
Ozone	(1) Short-term exposures: pulmonary function decrements and localized lung edema in humans and animals, and risk to public health implied by alterations in pulmonary morphology and host defense in animals; (2) long-term exposures: risk to public health implied by altered connective tissue metabolism and altered pulmonary morphology in animals after long-term exposures, and pulmonary function decrements in chronically exposed humans; (3) vegetation damage; and (4) property damage.
Suspended particulate matter (PM_{10} and $PM_{2.5}$)	(1) Excess deaths from short- and long-term exposures; (2) excess seasonal declines in pulmonary function, especially in children; (3) asthma exacerbation and possibly induction; (4) adverse birth outcomes, including low birth weight; (5) increased infant mortality; (6) increased respiratory symptoms in children such as cough and bronchitis; and (7) increased hospitalization for both cardiovascular and respiratory disease, including asthma).
Lead	(1) Short-term lead poisoning overexposures can cause anemia, weakness, kidney damage, and brain damage; (2) long-term exposures to lead increases risk for high blood pressure, heart disease, kidney failure, and reduced fertility.

Source: USEPA 2021

Air Quality Management Plan

To meet the NAAQS and CAAQS, the SCAQMD has adopted a series of air quality management plans (AQMPs) that serve as a regional blueprint to develop and implement an emission reduction strategy that will bring the area into attainment with the standards in a timely manner. The most significant air quality challenge in the SCAB is to reduce NO_X emissions to meet the 2037 ozone standard deadline for the non-Coachella Valley portion of the SCAB, as NO_X plays a critical role in the creation of ozone. The 2022 SCAQMD AQMP, adopted on December 2, 2022, includes strategies to ensure the SCAQMD does its part to further the district's ability to meet the 2015 federal ozone standards (SCAQMD 2022). The 2022 AQMP builds on the measures already in place from the previous AQMPs and includes a variety of additional strategies such as regulation, accelerated deployment of available cleaner technology, best management practices, co-benefits from existing programs, incentives, and other CAA measures to meet the 8-hour ozone standard.

The SCAQMD's strategy to meet the NAAQS and CAAQS distributes the responsibility for emission reductions across federal, State, and local levels and industries. The majority of these emissions are from heavy-duty trucks, ships, and other State and federally regulated mobile source emissions that the majority of which are beyond SCAQMD's control. The SCAQMD has limited control over truck emissions with rules such as Rule 1196. In addition to federal action, the 2022 AQMP relies on substantial future development of advanced technologies to meet the standards, including the transition to zero- and low-emission technologies. The AQMP also incorporates the transportation strategy and transportation control measures from SCAG's 2020-2045 Regional Transportation Plan/Sustainable Communities Strategy (RTP/SCS) (also known as Connect SoCal) (SCAG 2020). SCAG is required by law to ensure that transportation activities "conform" to, and are supportive of, the goals of regional and State air quality plans to attain the NAAQS. Connect SoCal includes transportation programs, measures, and strategies generally designed to reduce vehicle miles traveled (VMT), which are contained in the AQMP.

Air Emission Thresholds

The SCAQMD approved the *CEQA Air Quality Handbook* in 1993. Since then, the SCAQMD has provided supplemental guidance on their website to address changes to the methodology and nature of CEQA. Some of these changes include recommended thresholds for emissions associated with both construction and operation of the project, which are used to evaluate a project's potential regional and localized air quality impacts (SCAQMD 2019).

Regional Thresholds

Table 3 presents the significance thresholds for regional construction and operational-related criteria air pollutant and precursor emissions used for the purposes of this analysis.

Table 3 SCAQMD Regional Significance Thresholds

Construction Thresholds	Operational Thresholds
75 pounds per day of VOC	55 pounds per day of VOC
100 pounds per day of NO_X	55 pounds per day of NO_X
550 pounds per day of CO	550 pounds per day of CO
150 pounds per day of SO_X	150 pounds per day of SO_X
150 pounds per day of PM_{10}	150 pounds per day of PM_{10}
55 pounds per day of $PM_{2.5}$	55 pounds per day of $PM_{2.5}$

VOC: volatile organic compound; NO_x: nitrogen oxides; CO: carbon monoxide; SO_x: sulfur oxides; PM_{10}: small particulate matter which measures no more than 10 microns in diameter; $PM_{2.5}$: fine particulate matter which measures no more than 2.5 microns in diameter

Source: SCAQMD 2019

Localized Significance Thresholds

In addition to the above regional thresholds, the SCAQMD has developed Localized Significance Thresholds (LST) in response to concern regarding exposure of individuals to criteria pollutants in local communities. LSTs have been developed for NO_X, CO, PM_{10}, and $PM_{2.5}$ and represent the maximum emissions from a project that will not cause or contribute to an air quality exceedance of the most stringent applicable federal or State ambient air quality standard at the nearest sensitive receptor. LSTs take into consideration ambient concentrations in each source receptor area (SRA), distance to the sensitive receptor, and project size. LSTs have been developed for emissions within construction areas up to five acres in size. However, LSTs only apply to emissions in a fixed stationary location and do not apply to mobile sources, such as cars on a roadway (SCAQMD 2009a). As such, LSTs are typically applied only to construction emissions because most non-industrial operational emissions are associated with project-generated vehicle trips.

The project site is in SRA 12 (South Central LA County). The SCAQMD provides LST lookup tables for project sites that measure up to one, two, or five acres. The project site is approximately 1.75 acres; therefore, linear interpolation was used to calculate LSTs for a 1.75-acre site using LSTs for a one-acre site and two-acre site. LSTs are provided for receptors at a distance of 25 to 500 meters (82 to 1,640 feet) from the project site boundary. The closest sensitive receptors to the project site are the Honorable Judge Harry Pregerson Community Building and Bell Oasis Apartments I adjacent to the site to the west. According to the SCAQMD, projects with boundaries located closer than 82 feet to the nearest receptor should use the LSTs for receptors located at 82 feet (SCAQMD 2009a). LSTs for construction on a 1.75-acre site in SRA 12 for a receptor at 25 meters (82 feet) are shown in Table 4 and are used in this analysis.

Table 4 SCAQMD LSTs for Construction (SRA 12)

Pollutant	Allowable Emissions for a 1.75-Acre Site in SRA 12 for a Receptor 25 Meters Away (lbs/day)
Gradual conversion of NO_X to NO_2	60
CO	317
PM_{10}	6
$PM_{2.5}$	3

lbs = pounds; NO_x = nitrogen oxides; NO_2 = nitrogen dioxide; CO = carbon monoxide; PM_{10} = particulate matter measuring 10 microns in diameter or less; $PM_{2.5}$ = particulate matter measuring 2.5 microns in diameter or less

Source: SCAQMD 2009b

Methodology

Development of the proposed project would involve site preparation, grading, building construction, and other construction-related activities that have the potential to generate substantial air pollutant emissions. Temporary construction emissions from these activities were estimated using the California Emissions Estimator Model (CalEEMod) version 2022.1.1.12 using project-specific construction schedules and site plans. Under the applicant-provided construction schedule, construction would occur between June 2024 and November 2025. Due to on-site soil contamination, discussed further in Section 9, *Hazards and Hazardous Materials*, conservative estimates indicate that up to approximately 6,500 cubic yards of impacted soil would be exported prior to construction of the project. Therefore, this analysis also assumes that approximately 6,500 cubic yards of healthy soil would be imported to replace removed soil and be redistributed on the site. Specific construction equipment for each phase is not known at this stage of planning and, therefore, construction equipment defaults assumed by CalEEMod for the project were maintained for this analysis. To estimate the project's operation emissions using CalEEMod, defaults assumed by CalEEMod for energy, solid waste, area, and mobile sources were also maintained for a conservative estimate of emissions despite the project designed to achieve a LEED Gold rating. As discussed in Section 17, *Transportation*, the project would not a generate daily vehicle trips in the same magnitude as a typical multi-family residential development based on observations and assessments that indicate that few project residents would own vehicles. Based on a daily trip rate of 1.46 trips per resident (see Section 17, *Transportation*), the project would generate approximately 89 daily trips. A trip rate of 1.46 was incorporated into CalEEMod to estimate the project's mobile emissions.

a. Would the project conflict with or obstruct implementation of the applicable air quality plan?

The 2022AQMP pollutant control strategies are based on the latest scientific and technical information and planning assumptions, including the SCAG 2020-2045 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 SCAQMD considers projects that are consistent with the AQMP, which is intended to bring the Basin into attainment for all criteria pollutants, to also have less than significant cumulative impacts. Accordingly, this consistency analysis is based on the 2022 AQMP and 2020-2045 RTP/SCS.

Criteria for determining consistency with the 2022 AQMP are defined by the following indictors:

1. 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?

      As discussed under impact discussion *b.*, of this section, and shown in Table 5 and Table 6, the project's construction and operational emissions, and localized concentrations of CO, NO_X, PM_{10}, and $PM_{2.5}$ would not exceed SCAQMD regional significance thresholds or LSTs. Therefore, the project would not result in an increase in the frequency or severity of existing air quality violations.

   b) Would the project contribute to new air quality violations?

      As discussed under impact discussion *b.*, of this section, and shown in Table 5 and Table 6, the project's construction and operational emissions, and localized concentrations of CO, NO_X, PM_{10}, and $PM_{2.5}$ would not exceed SCAQMD regional significance thresholds or LSTs. Therefore, the project would not cause or affect a violation of the ambient air quality standards.

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

      The project would not exceed SCAQMD regional significance thresholds or LSTs. Therefore, the project would not cause or contribute to localized air quality violations or delay the attainment of air quality standard or interim emissions reductions specified in the 2022 AQMP.

2. Project consistency with the AQMP focuses on whether the proposed project exceeds the assumptions utilized in preparing the forecasts presented in the 2022 AQMP.

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

      The 2022 AQMP, the most recent AQMP adopted by the SCAQMD, incorporates local City general plans and the SCAG 2020 RTP/SCS socioeconomic forecast projections of regional population, housing, and employment growth (SCAQMD 2022; SCAG 2020). As discussed in Section 14, *Population and Housing*, the current population of Bell is approximately 33,624 persons. SCAG's demographic forecasts contained in the 2020-2045 RTP/SCS estimate that the city's population would increase to 37,100 persons by 2045, or an increase of 3,476 persons from the current population (SCAG 2020). As such, the proposed project's population of 61 persons would constitute approximately 1.8 percent of the overall population increase. Therefore, impacts associated with population growth would be less than significant.

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

      As discussed under impact discussion *b.*, the project's construction and operational emissions, and localized concentrations of CO, NO_X, PM_{10}, and $PM_{2.5}$ would not exceed SCAQMD regional significance thresholds or LSTs and would not require mitigation. In addition, the project would comply with all applicable SCAQMD rules and regulations, including Rule 403 that requires excessive fugitive dust emissions controlled by regular watering or other dust prevention measures.

c) Would the project be consistent with the AQMP land use policies and control measures?

SCAQMD proposes a total of 49 control measures for the 2022 AQMP. Of the 49 control measures, 31 control measures target stationary sources and the remaining 18 control measures target mobile sources. The stationary source measures are categorized into four groups: NO_x control measures, co-benefits from climate and energy programs, limited strategic VOC measures, and other measures. The mobile source measures are categorized into five groups: facility-based mobile source measures, on-road/off-road measures, incentive programs, emission growth management measures, and other measures.

NO_x control measures are further grouped by residential, commercial, and large industrial combustion. The residential measures are frequently referred to as "building measures," which are in line with California's aggressive climate goals to reduce greenhouse gases (GHG) emissions across various sectors. State climate actions, such as Title 24 requirements and building electrification (e.g., Assembly Bill [AB] 3232), can also help reduce NO_x emissions. The project would be required to comply with the latest 2022 California Building Standards Code (CCR, Title 24, Parts 1 through 12), including the California Energy Code (CCR, Title 24, Part 6) and CALGreen (CCR, Title 24, Part 11). To help achieve Title 24 reduction targets, the project is designed with energy efficiency features with the goal of achieving a LEED Gold rating from the USGBC. The proposed project would include energy-efficient appliances/lighting and dual-pane windows with low-E (meaning low emissivity, which in turn means a surface that emits low levels of radiant heat). The project would also include installation of a solar PV rooftop system, which would assist in meeting the project's electricity demand. Furthermore, of the five total parking spaces, one space would be an EV-Installed space, one space would be an EV-Capable space, and two spaces would be EV-Ready spaces.

Based on the project's less-than-significant air quality emissions, forecast population, and consistency with the 2022 AQMP control measures, the project would not conflict with or obstruct implementation of the applicable air quality plan and impacts would be less than significant.

LESS THAN SIGNIFICANT IMPACT

b. Would the project result in a cumulatively considerable net increase of any criteria pollutant for which the project region is non-attainment under an applicable federal or state ambient air quality standard?

The City of Bell is in the SCAB, which is in nonattainment for the ozone NAAQS and CAAQS, the PM_{10} CAAQS, and the $PM_{2.5}$ NAAQS and CAAQS. The SCAB is either unclassified or designated in attainment for all other NAAQS and CAAQS. Areas of the SCAB located in Los Angeles County are also in nonattainment for lead NAAQS; however, the project does not include any stationary sources of lead emissions (SCAQMD 2018). Therefore, implementation of the project would not result in substantial emissions of lead and this pollutant is not discussed further in this analysis.

Construction Impacts

Development of the proposed project would involve site preparation, grading, building construction, and other construction-related activities that have the potential to generate substantial air pollutant emissions. Table 5 summarizes the estimated maximum daily emissions of pollutants associated with construction of the proposed project. As shown below, emissions of VOC, NO_X, CO, SO_2, PM_{10}, and $PM_{2.5}$ would not exceed SCAQMD regional thresholds. Because air pollutant emissions

generated by project construction would not exceed SCAQMD's regional significance thresholds or LSTs, project construction would not result in a cumulatively considerable net increase of any criteria pollutant for which the project region is in nonattainment, and impacts would be less than significant.

Table 5 Estimated Maximum Daily Project Construction Emissions

	Maximum Emissions (lbs/day)					
	VOC	**NO_x**	**CO**	**SO_2**	**PM_{10}**	**$PM_{2.5}$**
Construction Year 2024	2	25	20	< 1	6	3
Construction Year 2025	6	15	22	< 1	1	1
Maximum Daily Construction Emissions	**6**	**25**	**22**	**< 1**	**6**	**3**
SCAQMD Regional Thresholds	75	100	550	150	150	55
Threshold Exceeded?	No	No	No	No	No	No
Maximum Daily On-site Emissions	**4**	**16**	**16**	**< 1**	**4**	**2**
SCAQMD Localized Significance Thresholds (LSTs)	N/A	60	317	N/A	6	3
Threshold Exceeded?	**N/A**	**No**	**No**	**N/A**	**No**	**No**

lbs/day = pounds per day; VOC = volatile organic compounds; NO_x = Nitrogen oxides; NO_2 = Nitrogen dioxide; CO = carbon monoxide; PM_{10} = particulate matter measuring 10 microns in diameter or less; $PM_{2.5}$ = particulate matter measuring 2.5 microns in diameter or less

Notes: Some numbers may not add up precisely due to rounding considerations.

Source: CalEEMod worksheets in Appendix B, see Table 2.3 emissions. Highest of Summer and Winter emissions results are shown for all emissions.

Operational Impacts

Operation of the project would generate criteria air pollutant emissions associated with area sources (e.g., architectural coatings, consumer products, and landscaping equipment), energy sources (i.e., use of natural gas for space and water heating), and mobile sources (i.e., vehicle trips to and from the project site). Table 6 summarizes the project's operational emissions by emission source. As shown in Table 6, operational criteria pollutant emissions would not exceed SCAQMD regional thresholds for criteria pollutants. Therefore, project operation would not result in a cumulatively considerable net increase of any criteria pollutant for which the project region is in non-attainment, and impacts would be less than significant.

Table 6 Estimated Project Operational Emissions

Emission Source	Maximum Daily Emissions (lbs/day)					
	VOC	NO_X	CO	SO_2	PM_{10}	$PM_{2.5}$
Area	1	< 1	3	< 1	< 1	< 1
Energy	< 1	< 1	< 1	< 1	< 1	< 1
Mobile	1	< 1	2	< 1	< 1	< 1
Total Project Emissions	**2**	< 1	**5**	**< 1**	< 1	< 1
SCAQMD Regional Thresholds	55	55	550	150	150	55
Threshold Exceeded?	**No**	**No**	**No**	**No**	**No**	**No**

lbs/day = pounds per day; VOC = volatile organic compounds; NO_x = Nitrogen oxides; NO_2 = Nitrogen dioxide; CO = carbon monoxide; PM_{10} = particulate matter measuring 10 microns in diameter or less; $PM_{2.5}$ = particulate matter measuring 2.5 microns in diameter or less

Notes: Some numbers may not add up precisely due to rounding considerations.

Source: CalEEMod worksheets in Appendix B, see Table 2.5 emissions. Highest of Summer and Winter emissions results are shown for all emissions.

LESS THAN SIGNIFICANT IMPACT

c. Would the project expose sensitive receptors to substantial pollutant concentrations?

Sensitive Receptors

According to the SCAQMD, sensitive receptors include residences, schools, playgrounds, childcare centers, long-term healthcare facilities, rehabilitation centers, convalescent centers, and retirement homes (SCAQMD 1993). The nearest receptors to the project site consist of the Honorable Judge Harry Pregerson Community Building and Bell Oasis Apartments I adjacent to the west of the site. In addition, the proposed project would introduce new sensitive receptors to the project site. Localized air quality impacts to sensitive receptors typically result from CO hotspots, localized criteria air pollutant emissions, and TACs, which are discussed in the following subsections.

Carbon Monoxide Hotspots

A CO hotspot is a localized concentration of CO that is above a CO ambient air quality standard. Localized CO hotspots can occur at intersections with heavy peak hour traffic. Specifically, hotspots can be created at intersections where traffic levels are sufficiently high such that the local CO concentration exceeds the federal one-hour standard of 35 parts per million (ppm) or the federal and State eight-hour standard of 9 ppm (CARB 2016).

The entire SCAB is in conformance with State and federal CO standards, and most air quality monitoring stations no longer report CO levels. The SCAQMD conducted a detailed CO analysis for the SCAB during the preparation of the 2003 AQMP. The locations selected for microscale modeling in the 2003 AQMP included high average daily traffic (ADT) intersections in the SCAB that were expected to experience the highest CO concentrations. The highest CO concentration observed was at the intersection of Wilshire Boulevard and Veteran Avenue on the west side of Los Angeles near Interstate 405, which had an ADT of approximately 100,000 vehicles per day. The concentration of CO at this intersection was 4.6 ppm, which is well below the federal and State standards.

Furthermore, the SCAB has been in attainment of the carbon monoxide NAAQS and CAAQS since 2007 (SCAQMD 2016).

As discussed in the City's General Plan Mobility and Circulation Element, K Street is characterized as a local street with an ADT of 2,000 or less (City of Bell 2018). As discussed in Section 17, *Transportation*, the project would not a generate daily vehicle trips in the same magnitude as a typical multi-family residential development based on observations and assessments that indicate that few project residents would own vehicles. It is also anticipated staffing and visitors would be minimal. Based on a daily trip rate of 1.46 trips per resident (see Section 17, *Transportation*), the project would generate approximately 89 daily trips. Therefore, the project would not add significant traffic to the project area. Furthermore, under the assumption that K Street carries an ADT of 2,000 or less, K Street experiences less traffic volumes (i.e., 100,000 vehicles per day) than the intersection of Wilshire and Veteran Avenue in SCAQMD's CO analysis. As such, the project would not exceed the CO federal and State standards and impacts would be less than significant.

Toxic Air Contaminants

TACs are defined by California law as air pollutants that may cause or contribute to an increase in deaths or in serious illness, or that may pose a present or potential hazard to human health. The following subsections discuss the project's potential to result in impacts related to TAC emissions during construction and operation.

Construction

The project's construction-related activities would result in short-term, project-generated emissions of diesel particulate matter (DPM) exhaust emissions from off-road, heavy-duty diesel equipment for site preparation, grading, building construction, and other construction activities. DPM was identified as TAC by CARB in 1998. The potential cancer risk from the inhalation of DPM (discussed in the following paragraphs) outweighs the potential non-cancer health impacts (CARB 2022) and is therefore the focus of this analysis.

Generation of DPM from construction projects typically occurs in a single area for a brief period. Construction of the proposed project was assumed to occur over approximately 16 months. The dose to which the receptors are exposed is the primary factor used to determine health risk. Dose is a function of the concentration of a substance or substances in the environment and the extent of exposure that person has to the substance. Dose is positively correlated with time, meaning that a longer exposure period would result in a higher exposure level for the Maximally Exposed Individual. The risks estimated for a Maximally Exposed Individual are higher if a fixed exposure occurs over a longer period of time.

The proposed project would be consistent with the applicable AQMP requirements and control strategies intended to reduce emissions from construction equipment and activities. Furthermore, the maximum on-site $PM_{2.5}$ emissions, which are used to represent DPM emissions for this analysis,[4] would occur during site preparation and grading activities. Maximum daily on-site $PM_{2.5}$ emissions during site preparation and grading would be approximately two pounds per day (i.e., approximately 1.5 pounds per day of fugitive $PM_{2.5}$ emissions and 0.5 pounds per day of exhaust $PM_{2.5}$ emissions), which are below the SCAQMD LST of three pounds per day that is designed to be protective of human health. $PM_{2.5}$ emissions would decrease for the remaining construction period

[4] It can be conservatively assumed that DPM emissions would be equivalent to $PM_{2.5}$ because $PM_{2.5}$ emissions make up 92 percent of total diesel off-road equipment (e.g., construction equipment) PM emissions based on SCAQMD guidance (SCAQMD 2006).

because construction activities such as building construction and paving would require less construction equipment. Therefore, project construction would not expose sensitive receptors to substantial concentrations of TACs, and impacts would be less than significant.

Operation

CARB's *Air Quality and Land Use Handbook: A Community Health Perspective* (2005) provides recommended buffer distances between sensitive land uses and potential sources of toxic air emissions (e.g., freeways, distribution centers, rail yards, ports, refineries, chrome plating facilities, dry cleaners, and gasoline dispensing facilities). CARB recommends that local agencies avoid siting new, sensitive land uses within 500 feet of a freeway and 1,000 feet of a major rail yard. The project is located approximately 750 feet away from I-710 at its nearest distance to the freeway and would not be subject to a substantial source of DPM from truck traffic traveling on the freeway. Furthermore, a mostly inactive railroad spur ROW abuts the project site to the south and connects to the freight railroad system approximately 730 feet west of the site; however, the project is not within 1,000 feet of a major rail yard. The nearest railyard is located approximately 2,500 feet northeast of the site. The project is not located near ports, refineries, chrome plating facilities, dry cleaners, and gasoline stations; however, there are various industrial uses surrounding the site that use heavy-duty trucks and operate other machinery. CARB recommends that local agencies avoid siting new, sensitive land uses within 1,000 feet of a distribution center, particularly away from entry and exit points of these uses. Warehousing, wholesalers, and resin manufacturing uses are located south of the site across the railroad spur with additional industrial uses located approximately 850 north of the site. However, entrances and exits to the industrial uses are located along Slauson Avenue 500 feet away from the project site and are only accessible from Slauson Avenue. Therefore, truck traffic associated with these uses would not travel through K Street. Furthermore, The Salvation Army's Building 1 and Building 2 are located between the project site and industrial uses to the north and would serve as a buffer between these uses. Although the project's outdoor areas would be subject to air pollutant emissions and odors from heavy-duty trucks and other machinery, the project would include MERV 13 filtration to remove most pollutants from intake air and improve indoor air quality.

Residential land uses are not considered land uses that generate substantial TAC emissions based on reviewing the air toxic sources listed in CARB's guidelines (CARB 2005). Therefore, the expected hazardous TACs generated on-site (e.g., cleaning solvents, paints, landscape pesticides, etc.) for the proposed land uses would be below thresholds warranting further study under the California Accidental Release Program. The project would not expose off-site sensitive receptors to significant amounts of carcinogenic or toxic air contaminants. Therefore, impacts associated with operational TACs would be less than significant.

LESS THAN SIGNIFICANT IMPACT

d. Would the project result in other emissions (such as those leading to odors) adversely affecting a substantial number of people?

The project would generate oil or diesel fuel odors during construction from equipment operations. These odors would be limited to the temporary construction period and would dissipate rapidly with distance. In addition, project construction would be required to comply with SCAQMD Rule 402, which specifies that a person shall not 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. Therefore, construction-related odor impacts would be less than significant.

With respect to odors generated by project operation, the SCAQMD's *CEQA Air Quality Handbook* (1993) identifies land uses associated with odor complaints to be agricultural uses, wastewater treatment plants, chemical and food processing plants, composting, refineries, landfills, dairies, and fiberglass molding. Residential developments are not identified on this list. In addition, solid waste generated by the proposed on-site uses would be stored in lidded dumpsters and/or trash cans and collected by a contracted waste hauler, ensuring that on-site waste would be managed and collected in a manner to prevent the proliferation of odors. Therefore, the proposed project would not generate other emissions, such as those leading to odors affecting a substantial number of people, and no operational impact would occur.

LESS THAN SIGNIFICANT IMPACT

4 Biological Resources

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

a. Would the project have a substantial adverse effect, either directly or through habitat modifications, on any species identified as a candidate, sensitive, or special status species in local or regional plans, policies, or regulations, or by the California Department of Fish and Wildlife or U.S. Fish and Wildlife Service?

Special-status species include those plants and wildlife species that have been formally listed, are proposed as endangered or threatened, or are candidates for such listing under the federal Endangered Species Act or California Endangered Species Act. These Acts afford protection to both listed species and those that are formal candidates for listing. The federal Bald and Golden Eagle Protection Act also provides broad protections to both eagle species that in some regards are similar to those provided by federal Endangered Species Act. In addition, the California Department of Fish and Wildlife (CDFW) Species of Special Concern, CDFW California Fully Protected Species, U.S. Fish and Wildlife Service (USFWS) Birds of Conservation Concern, and CDFW Special Status Invertebrates are all considered special-status species. In addition to regulations for special-status species, most native birds in the United States (including non-status species) are protected by the federal Migratory Bird Treaty Act of 1918 (MBTA) and the California Fish and Game Code (CFGC) (i.e., Sections 3503, 3503.5 and 3513). Under these laws, deliberately destroying active bird nests, eggs, and/or young is illegal. Plant species on the California Native Plant Society (CNPS) Rare and Endangered Plant Inventory (Inventory) with California Rare Plant Ranks (Rank) of 1 and 2 are also considered special-status plant species and must be considered under CEQA.

There is one threatened bird species (coastal California gnatcatcher, *Polioptila californica californica*), and one candidate insect species (monarch butterfly, *Danaus plexippus*) that could occur within the project area (USFWS2022a). The coastal California gnatcatcher is not likely to be found within city boundaries due to the existing development and the lack of suitable habitat. The absence of coastal sage scrub, the California gnatcatcher's primary habitat, further diminishes the likelihood of encountering such birds (City of Bell 2018). Monarch butterflies live mainly in prairies, meadows, grasslands and along roadsides (National Park Service 2022). Notably, Monarch butterflies living west of the Rocky Mountain range overwinter in California along the Pacific coast, where microclimatic conditions are similar to that in central Mexico, typically seeking roosts in Eucalyptus tree groves, Monterey pines, and Monterey cypresses (United States Department of Agriculture 2022). None of these tree types are currently found on the site, diminishing the potential for encountering these butterflies.

The site is currently vacant and consists of asphalt surfaces and pervious earth area with ruderal vegetation, including weeds, shrubs, and several mature trees. Of the total trees on-site, the project would remove all on-site trees located on the flat portion of the site (i.e., seven mature trees and one palm) and preserve all trees located along the concrete-lined drainage channel (i.e., seven mature trees and five palms). Based on existing site conditions, the site does not provide suitable habitat for any special-status wildlife species, and the level of disturbance on the site precludes the presence of special-status plant species. Furthermore, no critical habitat has been identified on or near the project site (USFWS2022a). Although heavily disturbed, the project has the potential to provide minimal foraging and nesting habitat for year-round and seasonal avian residents, as well as migrating songbirds that could occur in the area that are adapted to disturbed areas and urban environments.

Migratory or other common nesting birds, while not designated as special status species, are protected by the MBTA and the CFGC and may nest in the trees, shrubs, and grasses on-site. Therefore, construction of the project has the potential to either directly impact nesting birds by destroying a nest, or indirectly impact nesting birds protected under the CFGC and MBTA by

creating construction noise, dust, and other human disturbances that may cause a nest to fail. With the implementation of Mitigation Measure BIO-1, the proposed project would ensure compliance with the MBTA and the CFGC with respect to nesting birds by reducing the impact through pre-construction nesting bird surveys and avoidance of active nests. Furthermore, the site would include trees as part of the project's landscaping and would continue to provide nesting sites in an urban residential neighborhood, consistent with existing conditions. Therefore, impacts would be less than significant with mitigation.

Mitigation Measure

BIO-1 Nesting Bird Avoidance

Prior to issuance of grading permits, the following measures shall be implemented no more than seven days prior to the start of construction:

- To avoid disturbance of nesting, including raptorial species protected by the MBTA and CFGC, activities related to the project, including, but not limited to, vegetation removal, ground disturbance, and construction and demolition shall occur outside of the bird breeding season (February 1 through August 31). If construction must begin during the breeding season, then a pre-construction nesting bird survey shall be conducted no more than seven days prior to initiation of construction activities. The nesting bird pre-construction survey shall be conducted on-foot inside the project site, including a 100-foot buffer, and in inaccessible areas (e.g., private lands) from afar using binoculars to the extent practical. The survey shall be conducted by a biologist familiar with the identification of avian species known to occur in Southern California.
- If nests are found, an avoidance buffer shall be demarcated by a qualified biologist with bright orange construction fencing, flagging, construction lathe, or other means to mark the boundary. All construction personnel shall be notified as to the existence of the buffer zone and to avoid entering the buffer zone during the nesting season. No parking, storage of materials, or construction activities shall occur within this buffer until the biologist has confirmed that breeding/nesting is completed, and the young have fledged the nest. Encroachment into the buffer shall occur only at the discretion of the qualified biologist.
- A survey report by a qualified biologist documenting and verifying compliance with the mitigation and with applicable federal and State regulations protecting birds shall be submitted to the City. The qualified biologist shall serve as a construction monitor during those periods when construction activities would occur near active nest areas to ensure that no inadvertent impacts on these nests would occur.

LESS THAN SIGNIFICANT WITH MITIGATION INCORPORATED

b. Would the project have a substantial adverse effect on any riparian habitat or other sensitive natural community identified in local or regional plans, policies, or regulations, or by the California Department of Fish and Wildlife or U.S. Fish and Wildlife Service?

Plant communities are considered sensitive biological resources if they have limited distributions, have high wildlife value that include sensitive species, or are particularly susceptible to disturbance. CDFW ranks sensitive communities as "threatened" or "very threatened." A riparian habitat is any vegetated habitat that is influenced by a river or stream or is adjacent to a lake or other water body.

The project is in a developed urban area and does not include sensitive natural plant communities. The project site is currently being utilized for surface parking and as a temporary seating area for the Bell Oasis Apartments I to the west. No natural streams or riparian habitats are located on-site or within the adjacent properties according to the National Wetlands Inventory (USFWS 2022b). The channelized Los Angeles River is located 1,100 feet to the southwest of the project site; however, this portion of the river does not provide any suitable riparian habitat. Furthermore, the on-site concrete-lined drainage channel located along the southern boundary of the site is not identified on the National wetlands Inventory as riparian habitat (USFWS 2022b). Therefore, the proposed project would not have a substantial adverse effect on riparian habitat or other sensitive natural communities as none exist on the site or in adjacent areas. No impact would occur.

NO IMPACT

c. Would the project have a substantial adverse effect on state or federally protected wetlands (including, but not limited to, marsh, vernal pool, coastal, etc.) through direct removal, filling, hydrological interruption, or other means?

Drainage courses with definable bed and bank and their adjacent wetlands are "waters of the United States" and fall under the jurisdiction of the U.S. Army Corps of Engineers (USACE) in accordance with Section 404 of the Clean Water Act. Areas qualifying as wetlands under USACE's regulations are defined based on the presence of hydric soils, hydrophytic vegetation, and wetland hydrology.

The project is located within an urbanized area developed with industrial, commercial, and residential uses. No wetlands have been identified on or adjacent to the project site according to the National Wetlands Inventory (USFWS 2022b). The channelized Los Angeles River is located approximately 1,100 feet southwest of the project site; however, this portion of the river does not include wetlands. Although the site includes a concrete-lined drainage channel, the channel is not identified on the National Wetlands Inventory and would, nonetheless, remain on-site as part of the project (USFWS 2022b). The project site does not include any other discernable drainage courses, inundated areas, wetland vegetation, or hydric soils. As a result, no State or federally protected wetlands or other waters that may be considered jurisdictional by the CDFW, USACE, or Regional Water Quality Control Board (RWQCB) occur on or adjacent to the project site and regulatory approvals would not be required. Therefore, the proposed project would not directly or indirectly have a substantial adverse effect on State or federally protected wetlands or other jurisdictional waters. No impact would occur.

NO IMPACT

d. Would the project interfere substantially with the movement of any native resident or migratory fish or wildlife species or with established native resident or migratory wildlife corridors, or impede the use of native wildlife nursery sites?

Wildlife corridors are generally defined as connections between habitat areas that allow for physical and genetic exchange between otherwise isolated animal populations. Such linkages may serve a local purpose, such as between foraging and denning areas, or they may be regional in nature, allowing movement across the landscape. Some habitat linkages may serve as migration corridors, wherein animals periodically move away from an area and then subsequently return. Examples of barriers or impediments to movement include housing and other urban development, roads, fencing, unsuitable habitat, or open areas with little vegetative cover.

The site consists of asphalt surfaces and pervious earth area with ruderal vegetation, including weeds, shrubs, and several mature trees. The site is in an urbanized area and separated from any open space areas by other development and roadways. The project site does not contain any natural communities or habitat areas that would be expected to support populations of native wildlife nurseries or the movement of species. While the project site is undeveloped, it consists of low habitat quality and does not form a native vegetation community or constitute a valuable habitat area, nor does the site provide connections to any nearby habitat areas. Therefore, the proposed project would not result in impacts to the movement of native or migratory species or the use of native wildlife nursery sites. No impact would occur.

NO IMPACT

e. Would the project conflict with any local policies or ordinances protecting biological resources, such as a tree preservation policy or ordinance?

Chapter 12.24 (Street Trees) of the BMC establishes the City's regulations governing the removal of or tampering with trees located within any public ROW, such as streets and alleys. The project site contains one ficus (*Ficus microcarpa),* one ash tree (*Cinnamomum camphora*)*,* one Brazilian pepper tree (*Schinus terebinthifolia*), one palm (*Washingtonia filifera*), one pine tree (*Pinus thunbergia*), two Brazilian pepper multi trees (*Schinus terebinthifolia)*, and one camphor tree (*Cinnamomum camphora*). An additional seven trees and five palms are located along the concrete-lined drainage channel including five washingtonia trees (*Washingtonia filifera*), three Brazilian pepper trees (*Schinus terebinthifolia*), and four Brazilian pepper multi trees (*Schinus terebinthifolia).*

Of the total trees on-site, the project would remove all on-site trees located on the flat portion of the site (i.e., seven mature trees and one palm) and preserve all trees located along the concrete-lined drainage channel (i.e., seven mature trees and five palms). The proposed project would not conflict with the City's adopted tree ordinance because the project would not remove any tree located within a public ROW. In addition, the project's landscape plan indicates new trees would be planted along the site perimeter and in the frontage area. The tree varieties and planting plans would be consistent with the regulations included in Chapter 12.24 of the BMC. Therefore, although the project would remove on-site trees, the proposed project would not conflict with any local policies or ordinances protecting biological resources and impacts would be less than significant.

LESS THAN SIGNIFICANT IMPACT

f. Would the project conflict with the provisions of an adopted Habitat Conservation Plan, Natural Community Conservation Plan, or other approved local, regional, or state habitat conservation plan?

The project site is in an urbanized area developed with industrial, commercial, and residential uses. The site is not within an area governed by a habitat conservation plan or community conservation plan. Therefore, no impact would occur.

NO IMPACT

5 Cultural Resources

	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less than Significant Impact	No Impact
Would the project:				
a. Cause a substantial adverse change in the significance of a historical resource pursuant to Section15064.5?	☐	☐	☐	■
b. Cause a substantial adverse change in the significance of an archaeological resource pursuant to Section 15064.5?	☐	■	☐	☐
c. Disturb any human remains, including those interred outside of formal cemeteries?	☐	☐	■	☐

CEQA requires a lead agency to determine whether a project may have a significant effect on historical resources (PRC Section 21084.1) and Tribal cultural resources (PRC Section 21074 [a][1][A]-[B]). Tribal cultural resources are discussed in Section 18, *Tribal Cultural Resources* of this IS-MND.

A historical resource is a resource listed in, or determined to be eligible for listing in, the California Register of Historical Resources (CRHR); a resource included in a local register of historical resources; or any object, building, structure, site, area, place, record, or manuscript that a lead agency determines to be historically significant (CEQA Guidelines, Section 15064.5[a][1-3]).

A resource shall be considered historically significant if it:

1. Is associated with events that have made a significant contribution to the broad patterns of California's history and cultural heritage;
2. Is associated with the lives of persons important in our past;
3. Embodies the distinctive characteristics of a type, period, region, or method of construction, or represents the work of an important creative individual, or possesses high artistic values; or
4. Has yielded, or may be likely to yield, information important in prehistory or history.

In addition, if it can be demonstrated that a project would cause damage to a unique archaeological resource, the lead agency may require reasonable efforts be made to permit any or all of these resources to be preserved in place or left in an undisturbed state. To the extent that resources cannot be left undisturbed, mitigation measures are required (PRC Section 21083.2[a], [b]).

PRC Section 21083.2(g) defines a unique archaeological resource as an archaeological artifact, object, or site about which it can be clearly demonstrated that, without merely adding to the current body of knowledge, there is a high probability that it:

1. Contains information needed to answer important scientific research questions and that there is a demonstrable public interest in that information;

2. Has a special and particular quality such as being the oldest of its type or the best available example of its type; or
3. Is directly associated with a scientifically recognized important prehistoric or historic event or person.

This discussion incorporates the results provided in the Cultural Resources Assessment prepared by Rincon, dated August 2022 (Appendix C). The Cultural Resources Assessment includes a cultural resources records search at the South Central Coastal Information Center (SCCIC), historical imagery review, archival research, and a field survey of the project site, setting and surroundings.

Rincon received results of a records search of the California Historical Resources Information System (CHRIS) at the SCCIC on July 11, 2022. The purpose of the records search was to identify previously conducted cultural resources studies within the project site and a 0.5-mile radius, and previously recorded cultural resources within the project site and a 0.5-mile radius. The CHRIS search included a review of the National Register of Historic Places (NRHP), California Register of Historical Resources (CRHR), the California Historical Landmarks list, and the Built Environment Resources Directory (BERD), as well as its predecessor the California State Historic Property Data (HPD) File. Additionally, Rincon reviewed the Archaeological Determination of Eligibility (ADOE) list.

The SCCIC records search identified two previously conducted cultural resources studies performed within a 0.5-mile radius of the project site, and no cultural resource previously recorded within a 0.5-mile radius of the project site. One of the studies identified several historic built resources along I-710 in general, but all are outside the project site; and the other study is the 2016 MND for the Bell Oasis Apartments I project for the property directly adjacent to the current project site. The MND included a cultural resources research and archival review, which determined that there would be less than significant impacts with mitigation incorporated. The mitigation required under that document pertaining to cultural resources included requirements for Native American monitoring during ground disturbing activities.

A Rincon archaeologist conducted a field survey of the project site on July 18, 2022. No archaeological resources or built environment resources were identified during the field survey.

a. Would the project cause a substantial adverse change in the significance of a historical resource pursuant to Section 15064.5?

The project site is partially paved and located in an urbanized area, with a concrete-lined drainage channel. However, none of the built environment appears to be 45 years or older based on map reviews and aerial imagery. Furthermore, none of the built environment elements contain unique features that would qualify them as a historical resource pursuant to Section 15064.5. Therefore, no impact would occur to historical resources.

NO IMPACT

b. Would the project cause a substantial adverse change in the significance of an archaeological resource pursuant to Section 15064.5?

The site assessment did not identify any archaeological resources or archaeological deposits on the project site. The lack of surface evidence of archaeological materials does not preclude their subsurface existence. However, the absence of substantial prehistoric or historic-period archaeological remains within the immediate vicinity, coupled with the results of previously conducted nearby surveys, does suggest a low probability of encountering archaeological resources. As such, a mitigation measure is recommended for unanticipated discoveries during construction of the proposed project. Upon implementation of this measure, potential impacts would be less than significant.

CR-1 Unanticipated Discovery of Cultural Resources

In the event that archaeological resources are unexpectedly encountered during ground-disturbing activities, work within 50 feet of the find shall halt and an archaeologist meeting the Secretary of the Interior's Professional Qualifications Standards for archaeology (National Park Service 1983) shall be contacted immediately to evaluate the resource. If the resource is determined by the qualified archaeologist to be prehistoric, then a Native American representative shall also be contacted to participate in the evaluation of the resource (refer to Mitigation Measures TCR-1 through TCR-4). If the qualified archaeologist and/or Native American representative determines it to be appropriate, archaeological testing for CRHR eligibility shall be completed. If the resource proves to be eligible for the CRHR and significant impacts to the resource cannot be avoided via project redesign, a qualified archaeologist shall prepare a data recovery plan tailored to the physical nature and characteristics of the resource, per the requirements of the California Code of Regulations (CCR) Guidelines Section 15126.4(b)(3)(C), and in coordination with the Tribe as outlined in TCR -2. The data recovery plan shall identify data recovery excavation methods, measurable objectives, and data thresholds to reduce any significant impacts to cultural resources related to the resource. Pursuant to the data recovery plan, the qualified archaeologist and Native American representative, as appropriate, shall recover and document the scientifically consequential information that justifies the resource's significance. The City shall review, in consultation with the applicable Native American Tribe (see TCR-2 through TCR-4), and approve the treatment plan and archaeological testing as appropriate, and the resulting documentation shall be submitted to the regional repository of the California Historical Resources Information System, per CCR Guidelines Section 15126.4(b)(3)(C).

LESS THAN SIGNIFICANT WITH MITIGATION INCORPORATED

c. Would the project disturb any human remains, including those interred outside of formal cemeteries?

The project site is not part of a formal cemetery. There are no known human remains on the site. Therefore, human remains are not expected to be encountered during construction of the proposed project. In the unlikely event that human remains are encountered during project construction, California Health and Safety Code Section 7050.5 requires ground disturbance in the area of the find to halt until the County Coroner has made the necessary findings as to the origin and disposition of the remains pursuant to PRC Section 5097.98. Compliance with these regulations would ensure the proposed project would not result in significant impacts due to disturbing human remains, and impacts would be less than significant. Analysis of potential discovery of Native American human remains is discussed further in Section 18, *Tribal Cultural Resources*, of this IS-MND and under Mitigation Measure TCR-3.

LESS THAN SIGNIFICANT IMPACT

6 Energy

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

The proposed project would consume energy during the construction and operation of the apartment building. The project would consume gasoline and diesel fuels by on-road construction equipment during construction, including haul and vendors trucks and operational vehicle mobile emissions to and from the project site. SCE and Southern California Gas Company (SoCalGas) would provide electricity and natural gas to the proposed project site.

Most of California's electricity is generated in-state with approximately 30 percent imported from the northwestern and southwestern states in 2021. However, California relies on out-of-state natural gas imports for nearly 10 percent of its supply. In addition, approximately 34 percent of California's electricity supply in 2021 came from renewable energy sources, such as wind, solar PV, geothermal, and biomass (California Energy Commission [CEC] 2022). In 2018, Senate Bill 100 accelerated the State's Renewable Portfolio Standards Program, codified in the Public Utilities Act, by requiring electricity providers to increase procurement from eligible renewable energy and zero-carbon resources to 33 percent of total retail sales by 2020, 60 percent by 2030, and 100 percent by 2045.

Methodology

Fuel consumption associated with project construction and operation was estimated based on the CalEEMod, version 2022.1.1.12 outputs (Appendix B). The project's fuel consumption during construction activities was estimated based on the applicant-provided construction schedule. The number of construction equipment and construction vehicle trips (e.g., worker and vendor trips) was based on default CalEEMod assumptions. See Appendix D for construction equipment and vehicle fuel consumption calculations.

Operational fuel consumption was based on the project's anticipated average daily vehicle trips, and the project's residential consumptions of electricity and natural gas. As discussed in Section 17, *Transportation*, the project would not a generate daily vehicle trips in the same magnitude as a typical multi-family residential development based on observations and assessments that indicate that few project residents would own vehicles. Based on a daily trip rate of 1.46 trips per resident (see Section 17, *Transportation*), the project would generate approximately 89 daily trips. As

discussed in Section 3, *Air Quality*, a trip rate of 1.46 was incorporated into CalEEMod for operation of the project. Annual vehicle miles traveled (VMT) associated with the project is calculated in CalEEMod and found in the CalEEMod outputs (Appendix B). Operational fuel consumption is estimated by multiplying the annual VMT by the default CalEEMod fleet mix and the average fuel economy. See Appendix D for the operational fuel consumption calculations of the project.

a. Would the project result in a potentially significant environmental impact due to wasteful, inefficient, or unnecessary consumption of energy resources, during project construction or operation?

The proposed project would utilize nonrenewable and renewable resources to construct and to operate the project. The anticipated use of these resources is detailed in the following subsections. As supported by the following discussion, the proposed project would not result in a potentially significant environmental impact.

Construction Energy Demand

The project would require site preparation and grading, including hauling material off-site; pavement and asphalt installation; building construction; architectural coating; and landscaping and hardscaping. During project construction, energy would be consumed in the form of petroleum-based fuels used to power off-road construction vehicles and equipment on the project site, construction worker travel to and from the project site, and vehicles used to deliver materials to the site. As shown in Table 7, project construction would require approximately 10,995 gallons of gasoline and approximately 41,638 gallons of diesel fuel. These construction energy estimates are conservative because they assume that the construction equipment used in each phase of construction is operating every day of construction.

Table 7 Estimated Fuel Consumption during Construction (gallons)

Source	Gasoline	Diesel
Construction Equipment & Hauling Trips	–	41,638
Construction Worker Vehicle Trips	10,995	–
See Appendix D for energy calculation sheets		

Energy use during construction would be temporary in nature, and construction equipment used would be typical of similar-sized construction projects in the region. In addition, construction contractors would be required to comply with the provisions of California Code of Regulations (CCR) Title 13 Sections 2449 and 2485, which prohibit diesel-fueled commercial motor vehicles and off-road diesel vehicles from idling for more than five minutes and would minimize unnecessary fuel consumption. Construction equipment would be subject to the USEPA Construction Equipment Fuel Efficiency Standard, which would also minimize inefficient, wasteful, or unnecessary fuel consumption. Furthermore, per applicable regulatory requirements such as the 2022 California Building Standards Code (CCR, Title 24, Parts 1 through 12), including California Energy Code (CCR, Title 24, Part 6) and the California Green Building Standards Code (CALGreen; CCR, Title 24, Part 11), the project would comply with construction waste management practices to divert a minimum of 65 percent of construction and demolition debris. These practices would result in efficient use of the energy necessary to construct the project. In the interest of cost-efficiency, construction contractors also would not utilize fuel in a manner that is wasteful or unnecessary. Therefore, the project would

not involve the inefficient, wasteful, and unnecessary use of energy during construction, and the construction-phase impact related to energy consumption would be less than significant.

Operational Energy Demand

Operation of the project would contribute to energy demand by consuming electricity, natural gas, and gasoline and diesel fuel compared to current, vacant site conditions. Natural gas and electricity, in addition to electricity supplied by solar PV rooftop systems, would be used for heating and cooling systems, lighting, appliances, water use, and the overall operation of the project. Gasoline and diesel consumption would be used for vehicle travel to and from the project site, although it is not anticipated that the project would generate substantial vehicle traffic, as discussed in Section 17, *Transportation*. Residential vehicle trips would represent the greatest operational use of energy associated with the proposed project.

Table 8 summarizes estimated operational energy consumption for the proposed project. As shown therein, project operation would require approximately 20,496 gallons of gasoline and 3,543 gallons of diesel for transportation fuels. The project would also require 0.21-gigawatt hour (GWh) of electricity. Natural gas use for appliances and heating, ventilation, and air conditioning (HVAC) systems would require approximately 6,929 U.S. therms per year.

Table 8 Estimated Project Annual Operational Energy Consumption

Source	Energy Consumption	
Transportation Fuels		
Gasoline	20,496 gallons	2,250 MMBtu
Diesel	3,543 gallons	452 MMBtu
Electricity	0.21 GWh	731 MMBtu
Natural Gas Usage	6,929 U.S. therms	644 MMBtu

GWh = gigawatt hour; MMBtu = metric million British thermal unit

See Appendix D and B for energy calculation sheets and CalEEMod output results for electricity and natural gas usage, respectively.

The project would be required to comply with the standards established in the CCR Title 24, which would minimize the wasteful, inefficient, or unnecessary consumption of energy resources during operation. The 2022 California Energy Code (CCR, Title 24, Part 6) requires newly constructed buildings to meet energy performance standards set by the CEC. The 2022 CALGreen (CCR, Title 24, Part 11) requires implementation of energy efficient light fixtures and building materials into the design of new construction projects. These standards are specifically crafted for new buildings to result in energy efficient performance so that the buildings do not result in wasteful, inefficient, or unnecessary consumption of energy.

To help achieve Title 24 reduction targets, the project is designed with water and energy efficiency features with the goal of achieving a LEED Gold rating from the USGBC. The proposed project would include energy-efficient appliances/lighting, water-efficient appliances/fixtures, dual-pane windows with low-E (meaning low emissivity, which in turn means a surface that emits low levels of radiant heat), drip-irrigation systems, and native and drought-tolerant landscaping. The project would also include installation of a solar PV rooftop system, which would assist in meeting the project's electricity demand. Furthermore, of the five total parking spaces, one space would be an EV-Installed space, one space would be an EV-Capable space, and two spaces would be EV-Ready

spaces. Therefore, the proposed project would not lead to wasteful, inefficient, or unnecessary consumption of energy resources during operation. Impacts would be less than significant.

LESS THAN SIGNIFICANT IMPACT

b. Would the project conflict with or obstruct a state or local plan for renewable energy or energy efficiency?

Natural gas and electricity would be used for heating and cooling systems, lighting, appliances, water use, and the overall operation of the project. The City has not adopted any local plans for renewable energy or energy conservation; however, the City's Housing Element includes an Energy Conservation Program, which supplements existing City efforts in the enforcement of the State's construction codes requiring energy efficiency in new construction. A key element of the program is the City's support of cost-effective technologies in the review of new residential development, including the installation of solar PV and solar water heating systems on new residential construction (City of Bell 2018). The project would include installation of a solar PV rooftop system, which would assist in meeting the project's electricity demand.

The project would also be subject to State requirements for energy efficiency, including the mandatory measures for residential development contained in the 2022 California Energy Code (CCR, Title 24, Part 6) and CALGreen (CCR, Title 24, Part 11). Measures to meet these energy standards may include low-flow plumbing fixtures, water-efficient irrigation systems, high-efficiency HVAC, and hot water storage tank equipment, and lighting conservation features. As discussed under impact *a.* of this section, the project would be designed with the goal of achieving a LEED Gold rating from the USGBC and would include energy-efficient appliances/lighting, water-efficient appliances/fixtures, dual-pane windows with low-E (meaning low emissivity, which in turn means a surface that emits low levels of radiant heat), drip-irrigation systems, and native and drought-tolerant landscaping. Furthermore, of the five total parking spaces, one space would be an EV-Installed space, one space would be an EV-Capable space, and two spaces would be EV-Ready spaces. The project would not conflict with a State or local plan for renewable energy or energy efficiency and impacts would be less than significant.

LESS THAN SIGNIFICANT IMPACT

7 Geology and Soils

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

This discussion incorporates the results provided in the Geotechnical Engineering Investigation prepared by Geotechnologies Inc., dated June 2022 (Appendix E).

a.1. Would the project directly or indirectly cause potential substantial adverse effects, including the risk of loss, injury, or death involving rupture of a known earthquake fault, as delineated on the most recent Alquist-Priolo Earthquake Fault Zoning Map issued by the State Geologist for the area or based on other substantial evidence of a known fault?

a.2. Would the project directly or indirectly cause potential substantial adverse effects, including the risk of loss, injury, or death involving strong seismic ground shaking?

a.3. Would the project directly or indirectly cause potential substantial adverse effects, including the risk of loss, injury, or death involving seismic-related ground failure, including liquefaction?

a.4. Would the project directly or indirectly cause potential substantial adverse effects, including the risk of loss, injury, or death involving landslides?

The City of Bell is located on the northeastern portion of the Los Angeles Basin in the seismically active Southern California region. This basin is an alluvial plain bounded on the north by the Santa Monica Mountains, on the northeast by Repetto Hills, and Puente Hills, on the south by the Santa Ana Mountains and San Joaquin Hills and on the east by the Pacific Ocean. The proposed project is not with a designated Alquist-Priolo Special Studies Zone or an Earthquake Fault Zone (DOC 2022b, DOC 2022c). The project site, like much of the Southern California region, may experience moderate to potentially severe ground shaking from earthquakes generated on known faults within 60 miles (approximately 100 kilometers) of the project site. However, there are no active faults known to exist within or in the immediate vicinity of the project site. The closest fault to the project site is an unnamed fault in west Monterey Park, approximately four miles to the north of the project site. Furthermore, as stated in the Geotechnical Engineering Investigation, faults in the area consists of buried thrust faults and risk of surface rupture is low (Geotechnologies, Inc. 2022). While the project would be susceptible to seismic activity given its location within a seismically active area, standard construction of the project would minimize this risk, to the extent feasible, through compliance applicable California Building Code (CBC) standards. Therefore, the potential for fault rupture on the project site is low, and the project would not cause direct or indirect adverse effects resulting from fault ruptures or seismic activities.

The project site is relatively flat and is not within an area at risk of landslides (DOC 2022b, City of Bell 2018). According to the Geotechnical Engineering Investigation, liquefaction is the phenomenon in which saturated silty to cohesionless soils below the groundwater table are subject to a temporary loss of strength due to the building of excess pore pressure during cyclic loading conditions such as those induced by an earthquake (Geotechnical, Inc. 2022). The project is within an area identified by the DOC and the City of Bell as having a moderate to high potential of liquefaction (DOC 2022b, City of Bell 2019). However, as discussed in the Geotechnical Engineering Investigation, ground water was not encountered during exploration. A Standard Penetration Test (SPT) was performed for the project site. Based on the SPT the Geotechnical Engineering Investigation concluded that liquefaction potential for the site is remote (Geotechnologies, Inc. 2022). Therefore, with adherence to the seismic design criteria of the CBC, risks associated with liquefaction would be relatively low.

Although structures may be damaged during earthquakes, adherence to the seismic design requirements would minimize property and structural damage. The CBC is intended to provide minimum requirements to prevent major structural failure and loss of life in seismic events. In

addition to compliance with the CBC, the Geotechnical Engineering Investigation provides structural design recommendations for earthwork associated with project construction, such as those related to seismic design, fill soils, grading, foundations, retaining walls, excavations, slabs on grade, and pavement (Geotechnologies, Inc. 2022). To further reduce impacts associated with structural damage during earthquakes, implementation of Mitigation Measure GEO-1 would require incorporation of identified recommendations in the Geotechnical Engineering Investigation in addition to compliance with the CBC. Impacts would be less than significant with mitigation.

Mitigation Measure

GEO-1 Geotechnical Engineering Measures

Prior to the issuance of a grading permit, final design for the project shall incorporate geotechnical engineering recommendations based on site-specific geotechnical investigations. More specifically, final design shall incorporate recommendations (i.e., seismic design, fill soils, grading, foundations, retaining walls, excavations, slabs on grade, pavement, site drainage, and stormwater disposal) from the Geotechnical Engineering Investigation prepared by Geotechnologies Inc., dated June 2022, or subsequent analysis.

LESS THAN SIGNIFICANT WITH MITIGATION INCORPORATED

b. Would the project result in substantial soil erosion or the loss of topsoil?

The project has the potential to expose surface soils to wind and water erosion during construction activities, though such soil movement may be limited since the project site is relatively flat. Wind erosion impacts would be minimized through soil stabilization measures required by SCAQMD Rule 403, which include best management practices (BMPs) such as daily watering.

Furthermore, all new development would be subject to regional and local regulations pertaining to construction activities. Development greater than one acre in size is required to comply with the provisions of the General Construction Activity Stormwater Permit adopted by the State Water Resources Control Board (SWRCB), which would require the employment of BMPs to limit the extent of eroded materials from a construction site. BMPs during project construction would include sandbag barriers or silt fence, storm drain inlet protection, sediment trap, vehicle and equipment fueling and maintenance, stabilized construction entrances/exits, spill prevention and control, solid waste management, concrete curing and finishing, concrete waste management, material delivery and storage, stockpile management, and sanitary/septic waste management. Once construction is complete, the project site would be covered by paving, landscaping, and building; no areas of the project site would contain exposed native soils other than landscaping. Therefore, the project would result in a less than significant impact.

LESS THAN SIGNIFICANT IMPACT

c. Would the project be located on a geologic unit or soil that is unstable, or that would become unstable as a result of the project, and potentially result in on- or off-site landslide, lateral spreading, subsidence, liquefaction, or collapse?

As discussed under impacts *a.1* through *a.4* of this section, liquefaction may occur when loose, unconsolidated, saturated fine-to-medium-grained sandy soils are subjected to ground vibrations during an earthquake. Liquefaction related effects include loss of bearing strength, ground oscillations, lateral spreading, and flow failures, or slumping. Structures constructed on soils that liquefy may sink or topple over as the soil loses its bearing strength. However, based on the SPT conducted as part of the Geotechnical Engineering Investigation, liquefaction potential for the site is remote (Geotechnologies, Inc. 2022).

As discussed under impacts *a.1* through *a.4* of this section, the project site is relatively level and not subject to landslide risk. The potential for geologic collapse on the project site is also low, due to the flat topography of the project site and vicinity.

Lateral spreading of the ground surface during seismic events usually occurs in areas with moderate to high liquefaction potential and generally takes place toward a free face such as a channel, and to a lesser extent on ground surfaces with very gentle slope. As previously discussed, the potential for liquefaction at the site is remote. Furthermore, the Los Angeles River is located approximately 1,433 feet southwest of the project site in a concrete flood channel. Both street-level sides of the Los Angeles River channel are completely developed with commercial, residential, and recreational uses. There are no open spaces between the project site and the Los Angeles River that would result in lateral spreading. As discussed in the Geotechnical Engineering Investigation, faults in the area would not be capable of producing an earthquake magnitude that would result in lateral spreading at the project site. Furthermore, proposed buildings would be constructed according to CBC seismic design standards to reduce earthquake impact. Therefore, the project would result in a less than significant impact.

LESS THAN SIGNIFICANT IMPACT

d. Would the project be located on expansive soil, as defined in Table 18-1-B of the Uniform Building Code (1994), creating substantial direct or indirect risks to life or property?

Soils within the city consist of Holocene alluvial deposits from the Los Angeles, San Gabriel and Rio Hondo rivers and primarily made up of Tujunga-Soboba, Hanford and Yolo association (City of Bell 2018). The proposed project site is mapped in the City's General Plan within an area containing mostly Tujunga-Soboba association soil. The Tujunga-Soboba association has a low shrink-swell potential and is suitable for development. As stated in the Geotechnical Engineering Investigation, the Expansion Index for soils on-site is between 4 and 7, indicating that special consideration is not required (Geotechnologies, Inc. 2022). Furthermore, modern engineering practices and compliance with established building standards, including the CBC would reduce the likelihood that substantial risks to life or property related to soil expansion would occur as a result of the proposed project. Impacts would be less than significant.

LESS THAN SIGNIFICANT IMPACT

e. Would the project have soils incapable of adequately supporting the use of septic tanks or alternative wastewater disposal systems where sewers are not available for the disposal of wastewater?

The proposed use would be required to connect to the existing sanitary sewer system to accommodate wastewater. No septic tanks would be used as part of the proposed project's operation. As a result, no impacts related to the use of septic tanks would result.

NO IMPACT

f. Would the project directly or indirectly destroy a unique paleontological resource or site or unique geologic feature?

Paleontological resources, or fossils, are the evidence of once-living organisms preserved in the rock record. They include both the fossilized remains of ancient plants and animals and the traces thereof (e.g., trackways, imprints, burrows, etc.). Paleontological resources are not found in "soil" but are contained within the geologic deposits or bedrock that underlies the soil layer. Fossils are greater than 5,000 years old (i.e., older than middle Holocene in age) and are typically preserved in sedimentary rocks. Although rare, fossils can also be preserved in volcanic rocks and low-grade metamorphic rocks under certain conditions (Society of Vertebrate Paleontology [SVP] 2010). Fossils occur in a non-continuous and often unpredictable distribution within some sedimentary units, and the potential for fossils to occur within sedimentary units depends on several factors. It is possible to evaluate the potential for geologic units to contain scientifically important paleontological resources, and therefore evaluate the potential for impacts to those resources and provide mitigation for paleontological resources if they are discovered during construction of a development project.

Rincon evaluated the paleontological sensitivity of the geologic units that underlie the project site to assess the project's potential for significant impacts to scientifically important paleontological resources. The analysis was based on the results of a paleontological locality search and a review of existing information in the scientific literature regarding known fossils within geologic units mapped at the project site and the Society of Vertebrate Paleontology system for assessing paleontological sensitivity (SVP 2010). Sedimentary rock units can be assigned a high, low, undetermined, or no potential for containing scientifically significant nonrenewable paleontological resources. Following the literature review, a paleontological sensitivity classification was assigned to each geologic unit mapped within the project area. This criterion is based on rock units within which vertebrate or significant invertebrate fossils have been determined by previous studies to be present or likely to be present. The potential for impacts to significant paleontological resources is based on the potential for ground disturbance to directly impact paleontologically sensitive geologic units.

The region was mapped at a scale of 1:100,000 by Saucedo et al. (2016) who identified a single geologic unit, Quaternary young alluvium, Unit 2, underlying the project site. Quaternary young alluvium, Unit 2 consists of poorly consolidated, poorly sorted, floodplain deposits that consist of clay, silt, and sand, which is Holocene to late Pleistocene in age (Saucedo et al. 2016).

At the surface, Quaternary young alluvium, Unit 2, is likely too young (i.e., less than 5,000 years old) to preserve paleontological resources, but at some unknown depth below the surface, these sediments will likely be old enough to preserve paleontological resources. Ground disturbance for this project is anticipated to consist of minor grading of the previously disturbed project site. Given that the nearest surficial exposures of sediments old enough to preserve paleontological resources (Pleistocene-age Quaternary old alluvial-fan deposits), it is unlikely that these excavations will

impact sediments with a high paleontological sensitivity. Nonetheless, implementation of Mitigation Measure GEO-2 would reduce any potential impacts to paleontological resources to a less than significant level.

Mitigation Measure

GEO-2 Unanticipated Fossil Discovery

PALEONTOLOGICAL WORKER ENVIRONMENTAL AWARENESS PROGRAM

Prior to the start of construction, the Qualified Paleontologist or their designee shall conduct a paleontological Worker Environmental Awareness Program (WEAP) training for construction personnel regarding the appearance of fossils and the procedures for notifying paleontological staff should fossils be discovered by construction staff.

UNANTICIPATED DISCOVERY OF PALEONTOLOGICAL RESOURCES

In the event a fossil is discovered during construction of the project, excavations within 50 feet of the find shall be temporarily halted or delayed until the discovery is examined by a qualified paleontologist in accordance with SVP (2010) standards. The project applicant shall include a standard inadvertent discovery clause in every construction contract to inform contractors of this requirement. If the find is determined to be significant, the applicant shall retain a project paleontologist, defined as a paleontologist who meets the SVP standards for Qualified Professional Paleontologist, to direct all mitigation measures related to paleontological resources. The Qualified Professional Paleontologist shall design and carry out a data recovery plan consistent with the SVP standards (2010).

LESS THAN SIGNIFICANT WITH MITIGATION INCORPORATED

8 Greenhouse Gas Emissions

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

Overview of Climate Change and Greenhouse Gases

Climate change is the observed increase in the average temperature of the Earth's atmosphere and oceans along with other substantial changes in climate (such as wind patterns, precipitation, and storms) over an extended period of time. Climate change is the result of numerous, cumulative sources of GHGs. GHGs contribute to the "greenhouse effect," a natural occurrence that helps regulate the temperature of the planet. The majority of radiation from the Sun hits Earth's surface and warms it. The surface, in turn, radiates heat back towards the atmosphere, known as infrared radiation. Gases and clouds in the atmosphere trap and prevent some of this heat from escaping back into space and re-radiate it in all directions. This process is essential to supporting life on Earth because it warms the planet by approximately 60 degrees Fahrenheit. Emissions from human activities since the beginning of the industrial revolution (approximately 250 years ago) are adding to the natural greenhouse effect by increasing the gases in the atmosphere that trap heat, thereby contributing to an average increase in the Earth's temperature.

GHGs occur naturally and from human activities. Human activities that produce GHGs include the burning of fossil fuels (coal, oil, and natural gas for heating, and electricity, gasoline, and diesel for transportation); methane from landfill wastes and raising livestock, deforestation activities; and some agricultural practices. GHGs produced by human activities include carbon dioxide (CO_2), methane (CH_4), nitrous oxide (N_2O), hydrofluorocarbons (HFC), perfluorocarbons (PFC), and sulfur hexafluoride (SF_6). Emissions of GHGs affect the atmosphere directly by changing its chemical composition while changes to the land surface indirectly affect the atmosphere by changing the way in which the Earth absorbs gases from the atmosphere. Potential impacts of climate change in California may include loss in snowpack, sea level rise, more extreme heat days per year, more high ozone days, more large forest fires, and more drought years (CEC 2018).

GHG Emission Thresholds

Section 15064.4 of the CEQA Guidelines recommends that lead agencies quantify GHG emissions of projects and consider several other factors that may be used in the determination of significance of GHG emissions from a project, including: the extent to which the project may increase or reduce

GHG emissions; whether a project exceeds an applicable significance threshold; and the extent to which the project complies with regulations or requirements adopted to implement a plan for the reduction or mitigation of GHG emissions.

CEQA Guidelines Section 15064.4 does not establish a threshold of significance. Lead agencies have the discretion to establish significance thresholds for their respective jurisdictions and in establishing those thresholds, a lead agency may appropriately look to thresholds developed by other public agencies, or suggested by other experts, as long as any threshold chosen is supported by substantial evidence (CEQA Guidelines Section 15064.7[c]). The CEQA Guidelines also clarify that the effects of GHG emissions are cumulative and should be analyzed in the context of CEQA's requirements for cumulative impact analysis (CEQA Guidelines Section 15130[f]).

Per CEQA Guidelines Section 15064(h)(3), a project's incremental contribution to a cumulative impact can be found not cumulatively considerable if the project would comply with an approved plan or mitigation program that provides specific requirements that would avoid or substantially lessen the cumulative problem in the geographic area of the project. To qualify, such plans or programs must be specified in law or adopted by the public agency with jurisdiction over the affected resources through a public review process to implement, interpret, or make specific the law enforced or administered by the public agency. Examples of such programs include a "water quality control plan, air quality attainment or maintenance plan, integrated waste management plan, habitat conservation plan, natural community conservation plans [and] plans or regulations for the reduction of greenhouse gas emissions." Put another way, CEQA Guidelines Section 15064(h)(3) allows a lead agency to make a finding of less than significant for GHG emissions if a project complies with adopted programs, plans, policies and/or other regulatory strategies to reduce GHG emissions.

In the absence of any adopted numeric threshold, the significance of the project's GHG emissions is evaluated consistent with CEQA Guidelines Section 15064.4(b) by considering whether the project complies with applicable plans, policies, regulations, and requirements adopted to implement a statewide, regional, or local plan for the reduction or mitigation of GHG emissions.

AB 1279, "The California Climate Crisis Act," was passed on September 16, 2022 and declares the State would achieve net zero greenhouse gas emissions as soon as possible, but no later than 2045, and to achieve and maintain net negative greenhouse gas emissions thereafter. In addition, the bill states that the State would reduce GHG emissions by 85 percent below 1990 levels no later than 2045. Essentially this means that by 2045 California would emit no more than 64.65 million metric tons (MMT) of carbon dioxide equivalent (CO_2e) and would continue to reduce emissions thereafter.[5] The 2022 Scoping Plan lays out a path to achieve AB 1279 targets (CARB 2022). The actions and outcomes in the 2022 Scoping Plan would achieve significant reductions in fossil fuel combustion by deploying clean technologies and fuels, further reductions in short-lived climate pollutants, support for sustainable development, increased action on natural and working lands to reduce emissions and sequester carbon, and the capture and storage of carbon.

The City of Bell has begun the climate action planning process, starting with inventorying emissions in 2015 but has not adopted GHG emissions targets post-2020 in an adopted Climate Action Plan. For this project, the most directly applicable adopted regulatory plans to reduce GHG emissions are the 2022 Scoping Plan and the SCAG 2020-2045 RTP/SCS, which is designed to achieve regional GHG

[5] Because GHGs absorb different amounts of heat, a common reference gas (CO_2) is used to relate the amount of heat absorbed to the amount of the gas emitted, referred to as "carbon dioxide equivalent" (CO_2e), which is the amount of GHG emitted multiplied by the respective GHG's global warming potential.

reductions from the land use and transportation sectors as required by SB 375 and the State's long-term climate goals (SCAG 2020).

a. Would the project generate GHG emissions, either directly or indirectly, that may have a significant impact on the environment?

b. Would the project conflict with an applicable plan, policy, or regulation adopted for the purpose of reducing the emissions of greenhouse gases?

The project's consistency with the 2022 Scoping Plan and the SCAG 2020-2045 RTP/SCS applicable policies is discussed in the following analysis. As discussed herein, the project would not conflict with plans and policies aimed at reducing GHG emissions and impacts would be less than significant.

Consistency with Applicable Plans and Policies

2022 Scoping Plan

The 2022 Scoping Plan goals include achieving significant reductions in fossil fuel combustion using clean technologies and fuels and supporting sustainable development, among other strategies. The 2022 Scoping Plan discusses the role of local governments in meeting the State's GHG reductions goals because local governments have jurisdiction and land use authority related to: community-scale planning and permitting processes, local codes and actions, outreach and education programs, and municipal operations. Furthermore, local governments may have the ability to incentivize renewable energy, energy efficiency, and water efficiency measures.

The proposed project would be consistent with the 2022 Scoping Plan goals as the project would be required to comply with the latest 2022 California Building Standards Code (CCR, Title 24, Parts 1 through 12), including the California Energy Code (CCR, Title 24, Part 6) and CALGreen (CCR, Title 24, Part 11). To help achieve Title 24 reduction targets, the project is designed with water and energy efficiency features with the goal of achieving a LEED Gold rating from the USGBC. The proposed project would include energy-efficient appliances/lighting, water-efficient appliances/fixtures, dual-pane windows with low-E (meaning low emissivity, which in turn means a surface that emits low levels of radiant heat), drip-irrigation systems, and native and drought-tolerant landscaping. The project would also include installation of a solar PV rooftop system, which would assist in meeting the project's electricity demand. Furthermore, of the five total parking spaces, one space would be an EV-Installed space, one space would be an EV-Capable space, and two spaces would be EV-Ready spaces.

SCAG 2020-2045 RTP/SCS

The SCAG 2020-2045 RTP/SCS includes ten goals with corresponding implementation strategies for focusing growth near destinations and mobility options, promoting diverse housing choices, leveraging technology innovations, and supporting implementation of sustainability policies. The SCAG 2020-2045 RTP/SCS is designed to achieve regional GHG reductions from the land use and transportation sectors as required by SB 375 and the State's long-term climate goals. There are two mutually important facets to the SB 375 legislation: reducing VMT and encouraging more compact, complete, and efficient communities for the future (SCAG 2020). As discussed in Section 17, *Transportation*, the project would not a generate daily vehicle trips in the same magnitude as a typical multi-family residential development based on observations and assessments that indicate that few project residents would own vehicles. In addition, the project site is located at a 0.35-mile walking distance from bus stops for Metro Line 108 along Slauson Avenue and bus stops for Metro

Line 258 and Commerce Orange Line along Eastern Avenue, which would encourage use of public transit over single-occupancy vehicle trips. Furthermore, the project would provide administrative and supportive service spaces including two 114-square-foot case manager office spaces, and a 107-square-foot U.S. Department of Veterans Affairs office. Therefore, the project would be a complete development with access to public transportation and on-site amenities for project residents, which would encourage a reduction in VMT consistent with SB 375.

The project's consistency with the 2020-2045 RTP/SCS is further discussed in Table 9. As shown therein, the proposed project would be consistent with the GHG emission reduction strategies contained in the 2020-2045 RTP/SCS.

Table 9 Project Consistency with Applicable SCAG 2020-2045 RTP/SCS Strategies

Strategy/Action	Project Consistency
Focus Growth Near Destinations & Mobility Options ▪ Emphasize land use patterns that facilitate multimodal access to work, educational and other destinations ▪ Focus on a regional jobs/housing balance to reduce commute times and distances and expand job opportunities near transit and along center-focused main streets ▪ Plan for growth near transit investments and support implementation of first/last mile strategies. ▪ Prioritize infill and redevelopment of underutilized land to accommodate new growth, increase amenities and connectivity in existing neighborhoods ▪ Encourage design and transportation options that reduce the reliance on and number of solo car trips (this could include mixed uses or locating and orienting close to existing destinations) ▪ Identify ways to "right size" parking requirements and promote alternative parking strategies (e.g., shared parking or smart parking)	**Consistent.** The project is an infill development that would involve construction of an apartment building consisting of 57 small studio units serving homeless adults and one two-bedroom staff unit, for a total of 58 apartment units. As such, the project would develop underutilized land within The Salvation Army campus to help address growth of the homeless population with housing complementary to the existing Bell Oasis Apartments I. The project site is located at a 0.35-mile walking distance from bus stops for Metro Line 108 along Slauson Avenue and bus stops for Metro Line 258 and Commerce Orange Line along Eastern Avenue, which would encourage use of public transit over single-occupancy vehicle trips. Therefore, the project would be a complete development with access to public transportation and on-site amenities for project residents, reducing the reliance on vehicles.
Leverage Technology Innovations ▪ Promote low emission technologies such as neighborhood electric vehicles, shared rides hailing, car sharing, bike sharing and scooters by providing supportive and safe infrastructure such as dedicated lanes, charging and parking/drop-off space ▪ Improve access to services through technology—such as telework and telemedicine as well as other incentives such as a "mobility wallet," an app-based system for storing transit and other multi-modal payments ▪ Identify ways to incorporate "micro-power grids" in communities, for example solar energy, hydrogen fuel cell power storage and power generation	**Consistent.** The project would include installation of a solar PV rooftop system, which would assist in meeting the project's electricity demand. Furthermore, of the five total parking spaces, one space would be an EV-Installed space, one space would be an EV-Capable space, and two spaces would be EV-Ready spaces.

Strategy/Action	Project Consistency
Promote a Green Region ▪ Support development of local climate adaptation and hazard mitigation plans, as well as project implementation that improves community resiliency to climate change and natural hazards ▪ Support local policies for renewable energy production, reduction of urban heat islands and carbon sequestration ▪ Integrate local food production into the regional landscape ▪ Promote more resource efficient development focused on conservation, recycling and reclamation ▪ Preserve, enhance and restore regional wildlife connectivity ▪ Reduce consumption of resource areas, including agricultural land ▪ Identify ways to improve access to public park space	**Consistent.** The project is an infill development and would not interfere with regional wildlife connectivity or convert agricultural land. The proposed project would be required to comply with the latest 2022 California Building Standards Code (CCR, Title 24, Parts 1 through 12), including the California Energy Code (CCR, title 24, Part 6) and CALGreen (CCR, Title 24, Part 11). To help achieve Title 24 reduction targets, the project is designed with water and energy efficiency features with the goal of achieving a LEED Gold rating from the USGBC. The proposed project would include energy-efficient appliances/lighting, water-efficient appliances/fixtures, dual-pane windows with low-E (meaning low emissivity, which in turn means a surface that emits low levels of radiant heat), drip-irrigation systems, and native and drought-tolerant landscaping. The project would also include installation of a solar PV rooftop system, which would assist in meeting the project's electricity demand. Therefore, the project would support development of a green region.

Source: SCAG 2020

Project GHG Emissions

As previously discussed in this section, based on compliance with plans, policies, and regulations adopted for the purpose of reducing GHG emissions, the project's GHG impact would be less than significant. Quantitative calculations are provided below for informational purposes.

Construction Emissions

Construction associated by the project would generate temporary GHG emissions primarily from the operation of construction equipment on-site, as well as from vehicles transporting construction workers to and from the project site, and heavy trucks to transport building, concrete, and asphalt materials. As shown in Table 10, construction associated with the project would generate a total of 493 MT of CO_2e. Amortized over a 30-year period pursuant to SCAQMD guidance, construction associated with the project would generate 16 MT of CO_2e per year.

Table 10 Estimated Project Construction GHG Emissions

Year	Emissions (MT of CO_2e)
2024	227
2025	266
Total	**493**
Amortized over 30 years	**16**

MT = metric tons; CO_2e = carbon dioxide equivalents

Source: CalEEMod worksheets in Appendix B. See Table 2.3 emissions. Annual emissions results are shown for all emissions.

Operational and Total Project Emissions

Operation of the project would generate GHG emissions associated with area sources (e.g., landscape maintenance), energy and water usage, vehicle trips, and wastewater and solid waste generation. Annual operational emissions resulting from the project are summarized in Table 11. By combining operational emissions with amortized construction emissions, annual GHG emissions generated by the project would be approximately 272 MT of CO_2e per year.

Table 11 Estimated Project Annual Emissions

Emission Source	Annual Emissions (MT of CO_2e)
Construction[1]	**16**
Operational	**256**
Area	1
Energy	86
Mobile	157
Solid Waste	5
Water, Wastewater	7
Total	**272**
SCAQMD Numeric Threshold	3,000
Exceed Threshold?	**No**

MT CO_2e = metric tons of carbon dioxide equivalent

[1] Amortized construction related GHG emissions over 30 years.

Source: CalEEMod worksheets in Appendix B. See Table 2.5 emissions. Annual emissions results are shown for all emissions.

Based on the CARB California Greenhouse Gas Inventory for 2000-2019, California produced 418.2 MMT of CO_2e in 2019. The major source of GHG emissions in California is the transportation sector, which comprises 40 percent of the State's total GHG emissions (CARB 2021). Therefore, by comparison, the incremental increase of 272 MT of CO2e per year associated with the project would not substantially contribute to statewide emissions or affect the climate.

LESS THAN SIGNIFICANT IMPACT

9 Hazards and Hazardous Materials

	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less than Significant Impact	No Impact
Would the project:				
a. Create a significant hazard to the public or the environment through the routine transport, use, or disposal of hazardous materials?	☐	☐	■	☐
b. Create a significant hazard to the public or the environment through reasonably foreseeable upset and accident conditions involving the release of hazardous materials into the environment?	☐	☐	■	☐
c. Emit hazardous emissions or handle hazardous or acutely hazardous materials, substances, or waste within 0.25 mile of an existing or proposed school?	☐	☐	■	☐
d. Be located on a site that is included on a list of hazardous material sites compiled pursuant to Government Code Section 65962.5 and, as a result, would it create a significant hazard to the public or the environment?	☐	■	☐	☐
e. For a project located in 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 result in a safety hazard or excessive noise for people residing or working in the project area?	☐	☐	☐	■
f. Impair implementation of or physically interfere with an adopted emergency response plan or emergency evacuation plan?	☐	☐	☐	■
g. Expose people or structures, either directly or indirectly, to a significant risk of loss, injury, or death involving wildland fires?	☐	☐	☐	■

This discussion incorporates the results provided in a Phase I Environmental Site Assessment (ESA) report prepared by Rincon, dated January 2022, which is included as Appendix A. A subsequent Phase II ESA memorandum was prepared by Rincon, dated August 2022, which is included as Appendix F. Based on the findings of the Phase II ESA memorandum, an Additional Phase II ESA memorandum was prepared by Rincon, dated January 2023, which is included as Appendix G.

a. Would the project create a significant hazard to the public or the environment through the routine transport, use, or disposal of hazardous materials?

b. Would the project create a significant hazard to the public or the environment through reasonably foreseeable upset and accident conditions involving the release of hazardous materials into the environment?

The project entails the development of 58 apartment units in one building on a 1.75-acre site. Construction activities would not generate hazardous waste materials (such as asbestos or lead) from demolition since the project site is currently not developed. Limited quantities of hazardous materials (such as solvents and low VOC paints or finishes) may be used during building construction. However, transportation, use, storage, and disposal of construction materials and equipment would comply with applicable federal, State, and local regulations, standards, and guidelines.

Operation of the project would not require the transport, use, or disposal of hazardous materials outside of common household hazardous materials such as fertilizer, soaps, and solvents. Furthermore, the project would be required to comply with State and federal laws that govern the proper handling, use, storage, and disposal of hazardous materials, in the event hazardous materials are accidentally released, to prevent or reduce injury to human health and the environment. Compliance with applicable State and federal laws, such as the Hazardous Materials Transportation Act, Resource Conservation and Recovery Act, the California Hazardous Material Management Act, and California Code of Regulations Title 22, during project operations would further minimize risks to the public from the small quantities of common, household hazardous materials and waste that would be used and generated during operations.

Therefore, the project is not anticipated to create a significant hazard to the public or environment through the routine transport, use, or disposal of hazardous materials. Impacts would be less than significant.

LESS THAN SIGNIFICANT IMPACT

c. Would the project emit hazardous emissions or handle hazardous or acutely hazardous materials, substances, or waste within 0.25 mile of an existing or proposed school?

The nearest school to the site is the Richard N. Slawson Southeast Occupational Center located approximately 0.13-mile northwest of the site. However, as discussed under impact discussions *a.* and *b.* of this section, the proposed project is not expected to result in hazardous emissions, manage hazardous or acutely hazardous materials, substances, or waste. Therefore, impacts on an existing school within 0.25 mile of the site would be less than significant.

LESS THAN SIGNIFICANT IMPACT

d. Would the project be located on a site that is included on a list of hazardous material sites compiled pursuant to Government Code Section 65962.5 and, as a result, would it create a significant hazard to the public or the environment?

According to the State Water Resources Control Boards (SWRCB) Geotracker database, there are two Cleanup Program Sites within a 1,000-foot radius of the project site (SWRCB2022). The two sites are close to each other, located approximately 567 feet southeast of the project site. The California Department of Toxic Substances Controls (DTSC) EnviroStor database also shows the two sites indemnified by Geotracker and an additional site, located approximately 502 feet to the southeast (DTSC 2022). There are no sites listed on the SWRCB active Cease and Desist Orders and Cleanup Abatement Orders list within a one-mile radius of the project site (California Environmental Protection Agency [CalEPA] 2022a). Additionally, the nearest SWRCB-identified solid waste disposal site is located in Monterey Park (Operating Industries Landfill) (CalEPA 2022b). Therefore, the project site is not included on a list of hazardous materials sites compiled pursuant to Government Code Section 65962.5.

Furthermore, in January 2022, Rincon conducted a Phase I ESA for the project. The purpose of the Phase I ESA was to determine if there are Recognized Environmental Conditions (RECs) on the subject property, taking into account commonly and reasonably ascertainable information and to qualify for Landowner Liability Protections under the Brownfields Amendments to the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). The Phase I ESA found that a southern adjacent property across the railroad tracks is associated with an open Cleanup Program Site case. As discussed in the ESA, this facility (also identified as the Valspar site at 5501 East Slauson Avenue) has been recommended ongoing soil vapor and groundwater monitoring. The two nearest Valspar groundwater monitoring wells to the subject property contained VOCs as of December 2020, including TCE at concentrations above residential and/or commercial/industrial ESLs for groundwater vapor intrusion. For these reasons, the Phase I ESA recommend a Soil Vapor Investigation as part of a Phase II ESA, which was completed in August 2022 to determine if soil and soil vapor at the site have been impacted by former adjacent land uses and adjacent properties of concern (Rincon 2022a).

Under the Phase II ESA, Rincon oversaw the advancement of six soil vapor borings and the collection of seven soil vapor samples, which were analyzed for VOCs and total petroleum hydrocarbons (TPH) as gasoline (TPHg). Rincon confirmed that the laboratory reporting limits for each constituent are below the established residential Environmental Screening Levels (ESLs), with the exception of vinyl chloride. Vinyl chloride is a degradation product of tetrachloroethene (PCE) and trichloroethene (TCE). Because PCE and TCE were not detected above laboratory practical quantitation limits (PQLs) in the soil vapor samples analyzed, Rincon determined it is unlikely that vinyl chloride is present in soil vapor at the site at concentrations that present a risk (Rincon 2022c).

Nonetheless, arsenic was detected above its respective residential ESL in all of the soil samples analyzed. At two of the six boring locations, concentrations of arsenic were significantly higher at two feet below ground surface (bgs) than 0.5 feet bgs and, therefore, the vertical extent of arsenic impacts was unknown. Based on the spatial distribution of soil samples, the horizontal extent of arsenic impacts was also unknown. Lead was also detected in all the soil samples analyzed. In particular, a soil sample from one of the six boring locations exceeded the residential ESL whereas all other concentrations of lead detected were either below their respective residential ESL or within the typical background concentration range. No other metals were detected above their respective residential ESLs or at concentrations exceeding their respective background concentration range. However, due to the presence of arsenic and lead on-site, Rincon recommended step-out sampling

in the areas of arsenic- and lead-impacted soil, which was subsequently conducted as part of an Additional Phase II ESA (Rincon 2022c).

The Additional Phase II ESA, completed in January 2023, comprised of a soil assessment to achieve horizontal and vertical delineation of lead- and arsenic-impact soil to develop a remedial action plan prior to project construction. Rincon completed a total of ten soil borings using a hand auger to maximum depths of five feet bgs. Based on the additional soil borings, Rincon delineated the extent of soil impacted with arsenic and/or lead concentrations exceeding residential ESLs. Because the project includes removal and re-compaction of on-site soil for geotechnical purposes, concentration of arsenic and lead in portions of the on-site soil present a potential risk to human health for future project residents. Therefore, the following mitigation measure would be required to excavate and export contaminated soil prior to project construction. With implementation of Mitigation Measure HAZ-1, impacts related to on-site soil contamination would be less than significant.

Mitigation Measure

HAZ-1 Arsenic- and Lead-Impacted Soil Removal and Soil Management

Prior to the issuance of a grading permit:

- Soil containing arsenic and/or lead exceeding their respective residential Environmental Screening Levels (ESLs) shall be excavated and disposed offsite. In addition, confirmation soil sampling and analysis for total arsenic and total lead shall be conducted in the excavation sidewalls and bottoms, to demonstrate that concentrations above residential ESLs were successfully removed.
- A Soil Management Plan shall be prepared and implemented during remedial soil excavation activities to mitigate risk to construction workers and the community, and to describe how to properly handle and dispose of arsenic and lead impacted soils.
- A Health and Safety Plan shall be prepared for the remedial soil activities to outline the procedures that onsite personnel will follow to minimize the potential for health and safety hazards during the course of work to be performed at the site.

LESS THAN SIGNIFICANT WITH MITIGATION INCORPORATED

e. For a project located within 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 result in a safety hazard or excessive noise for people residing or working in the project area?

No public airports or private airstrips are located within two miles of the project site. The closest airport to the proposed project is the San Gabriel Valley Airport, located approximately 10.2 miles to the northeast. Furthermore, the project is not within the San Gabriel Valley Airport Influence area (Los Angeles County 2015). Therefore, the project would result in no impact.

NO IMPACT

f. Would the project impair implementation of or physically interfere with an adopted emergency response plan or emergency evacuation plan?

Construction activities have the potential to temporarily impact traffic and vehicle speeds on K Street; however, these impacts would be temporary and access to K Street would not be blocked by project construction. Furthermore, the project would not result in inadequate emergency access as project plans are subject to review and approval by City Planning and the Los Angeles County Fire Department (LACFD).

Although, operation of the project would result in an increase in density of land use at the project site, it would not be expected to substantially increase area traffic. Access to the residential units would be provided on K Street. The County of Los Angeles Department of Public Works has prepared maps of freeway and local disaster routes (County of Los Angeles 2008). These routes typically parallel major north-south and east-west corridors and include freeways and local roads such as I-710, Interstate 5 (I-5), and Eastern Avenue within and near the city (County of Los Angeles 2008). The project site is approximately 1,000 feet from Eastern Avenue and 0.7 mile to the nearest onramp for I-710. Therefore, the proposed project would not impair implementation of or physically interfere with an adopted emergency response or evacuation plan. No impact would occur.

NO IMPACT

g. Would the project expose people or structures, either directly or indirectly, to a significant risk of loss, injury, or death involving wildland fires?

The project site is vacant and is located adjacent to existing residential and industrial uses in an urbanized area. There are no wildland conditions on or adjacent to the project site. The project site is not located in a designated Very High Fire Hazard Severity Zone (VHFHSZ) or a State Responsibility Area (SRA), as further discussed in Section 20, *Wildfire*. Therefore, the project would result in no impact.

NO IMPACT

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10 Hydrology and Water Quality

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

a. Would the project violate any water quality standards or waste discharge requirements or otherwise substantially degrade surface or ground water quality?

Construction could result in soil erosion due to earth-moving activities such as excavation, grading, soil stockpiling, and the generation of water pollutants including trash, construction materials, and equipment fluids. Prior to initiation of construction, the project would be required to obtain coverage under a Construction General Permit to comply with Clean Water Act National Pollution Discharge Elimination System (NPDES) requirements, administered by the Los Angeles Regional Water Quality Control Board (LARWQCB).

Under the conditions of the Construction General Permit, the developer would be required to eliminate or reduce non-storm water discharges, develop, and implement a Stormwater Pollution Prevention Plan (SWPPP) for the project construction activities. Additionally, the developer would be required to perform inspections of the storm water pollution prevention measures and control practices to ensure conformance with the site SWPPP. The Construction General Permit prohibits the discharge of materials other than storm water discharges and prohibits all discharges that contain a hazardous substance in excess of reportable quantities established by 40 CFR 117.3 or 40 CFR 302.4. Compliance with the Construction General Permit would reduce or avoid the potential for water quality impacts to occur. This would be achieved thought the development and implementation of site-specific BMPs which will be defined in the project's SWPPP. BPMs could include straw wattles, Slope Drains, Fiber Rolls, Sandbag Barrier, Temporary Drainage Inlet Protection and Flexible Sediment Barriers (Caltrans 2017).

The City of Bell is a co-permittee in the Los Angeles County Municipal Separate Storm Sewer System (MS4) permit, Order No. R4-2012-0175 (NPDES No. CAS004001), as amended. The requirements of the MS4 permit are intended to protect water quality and support attainment of water quality standards in downstream receiving water bodies by requiring a Storm Water Management Plan/Program. The MS4 permit requirements would reduce or avoid water quality impacts associated with the presence of the proposed project by reducing the discharge of pollutants to the maximum extent practicable.

The project would change the use of the project site; however, the project would not change drainage patterns around the site nor alter the course of the existing concrete-lined drainage channel. Under project and existing conditions surface runoff would be conveyed into the city's existing municipal stormwater system. Therefore, the proposed project would implement BMPs to minimize or avoid potentially adverse impacts to water quality, including those associated with regulatory compliance. According to project plans, BMPs during project construction would include sandbag barriers or silt fence, storm drain inlet protection, sediment trap, vehicle and equipment fueling and maintenance, stabilized construction entrances/exits, spill prevention and control, solid waste management, concrete curing and finishing, concrete waste management, material delivery and storage, stockpile management, and sanitary/septic waste management. At operation, the project would include grassy swales, planters, a catch basin, and permavoid drainage systems. The project would not violate water quality standards or waste discharge requirements, nor would it otherwise substantially degrade water quality. Impacts would be less than significant.

LESS THAN SIGNIFICANT IMPACT

b. Would the project substantially decrease groundwater supplies or interfere substantially with groundwater recharge such that the project may impede sustainable groundwater management of the basin?

The proposed project would not install any groundwater wells and would not otherwise directly withdraw any groundwater. The project would receive water from California Water Service Company (Calwater) (City of Bell 2018). Calwater's sources its water from a combination of local groundwater and purchased water from the Metropolitan Water District of Southern California (MWD), which is imported from the Colorado River and the State Water Project in northern California (Calwater 2022).

The project site lies above the Central Basin, which is adjudicated and controlled by a court-mandated water management plan to ensure its long-term sustainability (City of Bell 2018). Because the basin is adjudicated, it has a Department of Water Resources approved Watermaster Program that is responsible for implementing the Adjudication Judgement for the basin. The Watermaster Program specifies exactly how much groundwater may be withdrawn and manages its replenishment.

The proposed residential uses on the project site would not be point source generators of water pollutants that could affect the Central Basin, and the project does not propose ground water extraction.

The proposed project site is currently developed with a parking lot and largely covered with asphalt or compacted dirt; the potential for groundwater recharge to occur on the site is negligible considering existing conditions and the small overall size of the site. The project would not alter recharge potential from the site. Impacts would be less than significant.

LESS THAN SIGNIFICANT IMPACT

c.(i) Would the project substantially alter the existing drainage pattern of the site or area, including through the alteration of the course of a stream or river or through the addition of impervious surfaces, in a manner which would result in substantial erosion or siltation on- or off-site?

c.(ii) Would the project substantially alter the existing drainage pattern of the site or area, including through the alteration of the course of a stream or river or through the addition of impervious surfaces, in a manner which would substantially increase the rate or amount of surface runoff in a manner which would result in flooding on- or off-site?

c.(iii) Would the project substantially alter the existing drainage pattern of the site or area, including through the alteration of the course of a stream or river or through the addition of impervious surfaces, in a manner that would create or contribute runoff water which would exceed the capacity of existing or planned stormwater drainage systems or provide substantial additional sources of polluted runoff?

c.(iv) Would the project substantially alter the existing drainage pattern of the site or area, including through the alteration of the course of a stream or river or through the addition of impervious surfaces, in a manner which would impede or redirect flood flows?

The project would not alter the course of a stream or river since the project site and its vicinity contain no water bodies. Implementation of the project would alter on-site drainage patterns by changing land use on the site and through the addition of impervious surfaces. Final engineering

design of the project would include stormwater conveyance features such as culverts and gutters to direct stormwater runoff into the City's existing MS4 system.

- **Erosion/Siltation.** During construction, the project will be required to prepare a SWPPP that would contain BPMs to reduce erosion. During operation, the site would be largely covered by impervious surface that would not be susceptible to substantial erosion.
- **Flooding On- or Off-site.** The project would not substantially increase impervious surfaces such that the rate or amount of surface runoff would substantially increase or that flooding would occur. In addition, drainage features would be installed as part of the project design to convey stormwater runoff into the existing MS4 system and minimize or avoid potential impacts associated with flooding.
- **Stormwater Drainage and Water Quality.** The proposed project consists of infill development and would not alter land uses substantially such that existing or planned stormwater drainage systems would be overwhelmed by stormwater runoff from the project site following project implementation. Potential water quality impacts associated with the project are characterized under threshold (a); no further or additional water quality impacts would occur, and the project would not create a substantial new source of polluted runoff.
- **Impede Flood Flows.** The project site is in the Federal Emergency Management Agency (FEMA) National Flood Insurance Program Zone X, which indicates minimal flooding potential (City of Bell 2018). The project would not impede or redirect flood flows.

As determined by the analysis, impacts related to the alteration of drainage patterns would be less than significant.

LESS THAN SIGNIFICANT IMPACT

d. In flood hazard, tsunami, or seiche zones, would the project risk release of pollutants due to project inundation?

According to the City's General Plan there is no potential for seiche or tsunami in the city. Additionally, the FEMA National Flood Insurance Program designates the City of Bell as being within Zone X, which indicates minimal flooding potential. The project site is within the inundation area of the Garvey Reservoir in Monterey Park approximately five miles northeast of the site. In the event of dam failure, flows would be expected to move south into the cities of Montebello, Bell, and Bell Gardens. Floodwaters are estimated to reach the project area within 30 minutes of failure. However, as discussed in Section 9, *Hazards and Hazardous Materials*, the proposed project is not expected to result in hazardous emissions, manage hazardous or acutely hazardous materials, substances, or waste. In addition, the County Sheriff's Department and USACE have established emergency response and evacuation plans for affected areas to facilitate emergency operations in the event of dam failure or river overflow (City of Bell 2018). Therefore, the proposed project would have a less than significant impact related to the release of pollutants due to project inundation.

LESS THAN SIGNIFICANT IMPACT

e. Would the project conflict with or obstruct implementation of a water quality control plan or sustainable groundwater management plan?

As discussed under impact discussion *a.* in this section, project construction and operational activities would be required to comply with the Water Quality Control Plan for the Central Basin, NPDES Construction General Permit, and MS4 Permit by preparing and adhering to a SWPPP. With implementation of the required SWPPP, the proposed project would adequately detain and control stormwater flows on the project site and would not conflict with or obstruct the Water Quality Control Plan for the Central Basin.

The project would receive water from Calwater (City of Bell 2018). Calwater's sources its water from a combination of local groundwater and purchased water from MWD, which is imported from the Colorado River and the State Water Project in northern California (Calwater 2022).

The proposed project would not conflict with or obstruct the sustainable management of these basins. The project site lies above the Central Basin, which is adjudicated and controlled by a court-mandated water management plan to ensure its long-term sustainability. The proposed residential uses on the project site would not be point source generators of water pollutants that could affect the Central Basin, and the project does not propose ground water extraction. Therefore, project construction and operation would not conflict with or obstruct implementation of a water quality control plan or sustainable groundwater management plan. Impacts would be less than significant.

LESS THAN SIGNIFICANT IMPACT

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11 Land Use and Planning

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

a. Would the project physically divide an established community?

The site is currently vacant and consists of an asphalt parking area and pervious earth area with ruderal vegetation. The site is bounded by K Street to the north and east with other buildings owned by the Salvation Army beyond, a railroad ROW to the south with industrial uses beyond, and the existing three-story Bell Oasis Apartments I to the west. The project does not include any new roads, development or infrastructure that has the potential to divide any established communities. Therefore, no impacts would occur.

NO IMPACT

b. Would the project cause a significant environmental impact due to a conflict with any land use plan, policy, or regulation adopted for the purpose of avoiding or mitigating an environmental effect?

The project site is zoned Commercial Manufacturing (CM), which does not allow for residential uses per Section 17.36.020 (Permitted Uses) of the BMC. However, the project includes a Zone Change from CM to C-3R with a conditional use permit to allow for housing in the C-3R zone. According to BMC Section 17.28.020 (Permitted Uses), residential uses are permitted in the C-3R zone with approval of a conditional use permit. Furthermore, the project would be designed to comply with all applicable development standards regulating the C-3R zone per BMC Section 17.28.040 (Development Standards). Standards include, but are not limited to, building height, front yards, and side yards. Moreover, as a permanent supportive housing project with 100 percent affordable units, the project meets the definition of supportive housing under California Health and Safety Code Section 50675.14 and is not required to provide on-site parking pursuant to the State Density Bonus Law (Government Code Section 65915(p)(3)(c)). Nonetheless, the project would provide five parking spaces for staff. The project would also be subject to site plan and design review per BMC Section 17.92.040 (Site Plan Review Authority) by the City's Planning Commission. This regulatory review procedure verifies that development projects and any requested approvals do not conflict with the applicable land use regulations.

The project's consistency with the other applicable policies from the City's General Plan is discussed in the following analysis. As discussed herein, the project shows consistency with the City's General

Plan Land Use and Sustainability Element, Health and Safety Element, and Housing Element and impacts would be less than significant.

Land Use and Sustainability Element

The Land Use Element of the City's General Plan contains goals which guide residential development in the City. Policies 17 and 18 relate to the encouragement of quality residential development and the promotion of a range of residential land uses to accommodate existing and future housing needs within Bell. The proposed project would develop underutilized land within The Salvation Army campus to generate housing for homeless individuals and help address growth of the homeless population. Policy 35 states that the City of Bell should emphasize environmental justice in the review and implementation of new development projects in the City. As discussed in Section 3, *Air Quality*, the project would be sited at appropriate buffer distances from most sources of toxic air emissions and would include MERV 13 filtration to remove most pollutants from intake air and improve indoor air quality due to surrounding industrial uses. Also as discussed in Section 9, *Hazards and Hazardous Materials*, the project would not be exposed to significant impacts related to soil contamination with implementation of Mitigation Measure HAZ-1. As discussed in Section 13, *Noise*, and Section 20, *Wildfire*, the project would not be exposed to excessive noise levels or substantial wildfire risk.

Health and Safety Element

The Health and Safety Element of the City's General Plan contains goals and policies that seek to protect the health and safety of development in the City. Policies 8 and 14 emphasize contemporary fire protection measures and the protection of life and property from fire damage through the enforcement of applicable building and fire codes and Code Enforcement inspections. As discussed in Section 20, *Wildfire*, the project would also comply with the latest 2022 California Building Standards Code (CCR, Title 24, Parts 1 through 12), including the California Building Code (CCR, Title 24, Part 2) and California Fire Code (CCR, Title 24, Part 9), which establish provisions for fire safety related to construction, maintenance, and design of buildings and land uses. Policies 21 and 22 promote the development of a compatible noise environment throughout the City through land use review and implementation of noise regulations that lower excessive and intrusive noise. As discussed in Section 13, *Noise*, the project would not be exposed to excessive noise levels and would not result in significant impacts related to construction or operational noise.

Housing Element

In addition, the project would be consistent with the goals and policies included in the City's General Plan Housing Element, namely "to continue the City's commitment in continuing assistance in the development of new housing for all income groups" and "to remain committed to the identification of prospective development sites for a continued variety and diversity of new housing" (City of Bell 2018). The project would involve construction of a three-story, 39,690-square-foot apartment building consisting of 57 studio units of permanent support housing for homeless individuals and a two-bedroom staff unit for an on-site manager, for a total of 58 apartment units. All future residents would be placed in the project through the Los Angeles County CES, with veterans approved for residency by the U.S. Department of Veterans Affairs office.

In addition, as described in Section 3, *Air Quality*, and Section 8, *Greenhouse Gas Emissions*, the proposed project would be consistent with the goals and policies of the AQMP, Scoping Plan, and the 2020-2045 RTP/SCS. Therefore, the proposed project would not conflict with land use plans,

policies, and regulations adopted for the purpose of avoiding or mitigating an environmental effect, and impacts would be less than significant.

LESS THAN SIGNIFICANT IMPACT

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12 Mineral Resources

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

a. Would the project result in the loss of availability of a known mineral resource that would be of value to the region and the residents of the state?

b. Would the project result in the loss of availability of a locally important mineral resource recovery site delineated on a local general plan, specific plan, or other land use plan?

Under the Surface Mining and Reclamation Act (SMARA), the California Division of Oil, Gas, and Geothermal (CalGEM) has identified significant sources of aggregate materials in the State. The project site has not been identified as containing sand or gravel resources or significant mineral deposits of any kind (DOC 2022d). The project site is 629 feet south of the Bandini oil/gas field. However, there are no oil, gas or geothermal wells located within the project site and immediately surrounding area (CalGEM 2022). Furthermore, the project site is not identified in the City of Bell General Plan as containing any locally important mineral resource (City of Bell 2018). Therefore, the proposed project would not impact mineral resource.

NO IMPACT

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13 Noise

	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less than Significant Impact	No Impact
Would the project result in:				
a. Generation of a substantial temporary or permanent increase in ambient noise levels in the vicinity of the project in excess of standards established in the local general plan or noise ordinance, or applicable standards of other agencies?	☐	☐	■	☐
b. Generation of excessive groundborne vibration or groundborne noise levels?	☐	☐	■	☐
c. For a project located within the vicinity of a private airstrip or an airport land use plan 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?	☐	☐	☐	■

Fundamentals of Noise

The unit of measurement used to describe a noise level is the decibel (dB). However, the human ear is not equally sensitive to all frequencies within the sound spectrum. Therefore, a method called "A weighting" is used to adjust actual sound pressure levels so that they are consistent with the human hearing response, which is most sensitive to frequencies around 4,000 Hertz (Hz) and less sensitive to frequencies around and below 100 Hz, thus filtering out noise frequencies that are not audible to the human ear. A weighting approximates the frequency response of the average young ear when listening to most ordinary everyday sounds. When people make relative judgments of the loudness or annoyance of a sound, their judgments correlate well with the "A-weighted" levels of those sounds. Therefore, the A-weighted noise scale is used for measurements and standards involving the human perception of noise. In this analysis, all noise levels are A-weighted, and "dBA" is understood to identify the A-weighted decibel.

Decibels are measured on a logarithmic scale that quantifies sound intensity in a manner similar to the Richter scale used for earthquake magnitudes. A doubling of the energy of a noise source, such as a doubling of traffic volume, would increase the noise level by 3 dB; similarly, dividing the energy in half would result in a decrease of 3 dB (Crocker 2007).

Human perception of noise has no simple correlation with sound energy: the perception of sound is not linear in terms of dBA or in terms of sound energy. Two sources do not "sound twice as loud" as one source. It is widely accepted that the average healthy ear can barely perceive an increase (or

decrease) of up to 3 dBA in noise levels (i.e., twice [or half] the sound energy); that an increase (or decrease) of 5 dBA (8 times [or one eighth] the sound energy) is readily perceptible; and that an increase (or decrease) of 10 dBA (10.5 times [or approximately one tenth] the sound energy) sounds twice (or half) as loud (Crocker 2007).

Descriptors

The impact of noise is not a function of loudness alone. The time of day when noise occurs, and the duration of the noise are also important. In addition, most noise that lasts for more than a few seconds is variable in its intensity. Consequently, a variety of noise descriptors have been developed. The noise descriptors used for this analysis are the one-hour equivalent noise level (L_{eq}) and the community noise equivalent level (CNEL).

- The L_{eq} is defined as the single steady A-weighted level that is equivalent to the same amount of energy as that contained in the actual fluctuating levels over a period. Typically, L_{eq} is equivalent to a one-hour period, even when measured for shorter durations as the noise level of a 10- to 30-minute period would be the same as the hour if the noise source is relatively steady. L_{max} is the highest Root Mean Squared (RMS) sound pressure level within the sampling period, and L_{min} is the lowest RMS sound pressure level within the measuring period (Crocker 2007).
- The CNEL is a 24-hour equivalent sound level with an additional 5 dBA penalty to noise occurring during evening hours, between 7:00 p.m. and 10:00 p.m., and an additional 10 dBA penalty to noise occurring during the night, between 10:00 p.m. and 7:00 a.m., to account for the added sensitivity of humans to noise during these hours (Caltrans 2013). Quiet suburban areas typically have a CNEL in the range of 40 to 50 dBA, while areas near arterial streets are in the 50 to 70+ CNEL range.

Propagation

Sound changes in both level and frequency spectrum as it travels from the source to the receiver. The most obvious change is the decrease in sound level as the distance from the source increases. The way sound reduces with distance depends on factors such as the type of source (e.g., point or line), the path the sound will travel, site conditions, and obstructions. Sound levels from a point source (e.g., construction, industrial machinery, ventilation units) typically attenuate, or drop off, at a rate of 6 dBA per doubling of distance. Sound from a line source (e.g., roadway, pipeline, railroad) typically attenuates at about 3 dBA per doubling of distance (Caltrans 2013).

Fundamentals of Vibration

Groundborne vibration of concern in environmental analysis consists of the oscillatory waves that move from a source through the ground to adjacent structures. The number of cycles per second of oscillation makes up the vibration frequency, described in terms of hertz (Hz). The frequency of a vibrating object describes how rapidly it oscillates. The normal frequency range of most groundborne vibration that can be felt by the human body starts from a low frequency of less than 1 Hz and goes to a high of about 200 Hz (Crocker 2007).

While people have varying sensitivities to vibrations at different frequencies, in general people are most sensitive to low-frequency vibration. Vibration in buildings, such as from nearby construction activities, may cause windows, items on shelves, and pictures on walls to rattle. Vibration of building components can also take the form of an audible low-frequency rumbling noise, referred to as groundborne noise. Groundborne noise is usually only a problem when the originating vibration spectrum is dominated by frequencies in the upper end of the range (60 to 200 Hz), or when

foundations or utilities, such as sewer and water pipes, physically connect the structure and the vibration source (FTA 2018). Although groundborne vibration is sometimes noticeable in outdoor environments, it is almost never annoying to people who are outdoors. The primary concern regarding vibration is that it can be intrusive and annoying to building occupants and vibration-sensitive land uses.

Descriptors

Vibration amplitudes are usually expressed in peak particle velocity (PPV) or RMS vibration velocity. The PPV and RMS velocity are normally described in inches per second (in./sec.). PPV is defined as the maximum instantaneous positive or negative peak of a vibration signal. PPV is often used in monitoring of blasting vibration because it is related to the stresses that are experienced by buildings (Caltrans 2020).

Response to Vibration

Vibration associated with construction of the project has the potential to be an annoyance to nearby land uses. Caltrans has developed limits for the assessment of vibrations from transportation and construction sources. The Caltrans vibration limits are reflective of standard practice for analyzing vibration impacts on structures. The Transportation and Construction Vibration Guidance Manual (Caltrans 2020) identifies impact criteria for buildings and additional impact criteria for humans from transient and continuous/frequent sources: Table 12 presents the impact criteria for buildings, and Table 13 presents the impact criteria for humans.

Table 12 Vibration Damage Potential

Building Type	Maximum PPV (in./sec.)
Historic sites and other critical locations	0.1
Historic and other/similar old buildings	0.5
Older residential structures	0.5
New residential structures	1.0
Modern industrial/commercial buildings	2.0

PPV = peak particle velocity; in./sec. = inches per second

Source: Caltrans 2020

Table 13 Vibration Annoyance Potential

	Maximum PPV (in./sec.)	
Human Response	Transient Sources	Continuous/Frequent Intermittent Sources
Severe/Disturbing	2.00	0.70
Strongly perceptible	0.90	0.10
Distinctly perceptible	0.240	0.035
Barely perceptible	0.035	0.012

Note: Transient sources create a single isolated vibration event, such as blasting or drop balls (i.e., a loose steel ball that is dropped onto structures or rock to reduce them to a manageable size). Continuous/frequent intermittent sources include impact pile drivers, pogo-stick compactors, crack-and-seat equipment, vibratory pile drivers, and vibratory compaction equipment.

PPV = peak particle velocity; in./sec. = inches per second

Source: Caltrans 2020

Propagation

Vibration energy spreads out as it travels through the ground, causing the vibration level to diminish with distance away from the source. High-frequency vibration diminishes much more rapidly than low frequency vibration, so low frequencies tend to dominate the spectrum at large distances from the source. Variability in the soil strata can also cause diffractions or channeling effects that affect the propagation of vibration over long distances (Caltrans 2020). When a building is exposed to vibration, a ground-to-foundation coupling loss (the loss that occurs when energy is transferred from one medium to another) will usually reduce the overall vibration level. However, under rare circumstances, the ground-to-foundation coupling may amplify the vibration level due to structural resonances of the floors and walls.

Sensitive Receivers

Noise-sensitive receivers are identified as housing, educational facilities, churches, medical facilities, libraries, senior housing, and park and recreation facilities. Vibration-sensitive receivers are similar to noise-sensitive receivers and also include residences and institutional uses (e.g., schools, churches, and hospitals). However, vibration-sensitive receivers also include buildings where vibrations may interfere with vibration-sensitive equipment that is affected by vibration levels that may be well below those associated with human annoyance (e.g., recording studies or medical facilities with sensitive equipment).

The nearest sensitive receivers include the Honorable Judge Harry Pregerson Community Building and Bell Oasis Apartments I to the west of the site and Bay E of The Salvation Army's Building 1 to the northwest which is occasionally used to shelter homeless adults.

Project Noise Setting

To characterize ambient sound levels at and near the project site, two short term (15-minute) noise level measurements were conducted on May 5, 2022. Noise Measurement (NM) 1 was conducted at the western edge of the project site; NM 2 was conducted near the eastern portion of the project site. Table 14 summarizes the results of the noise measurements and Figure 11 shows noise measurement locations. At both locations, the main source of noise was operating industrial machinery associated with uses south of the site across the railroad spur ROW. Secondary noise sources included intermittent noise from aircraft and vehicles along K street.

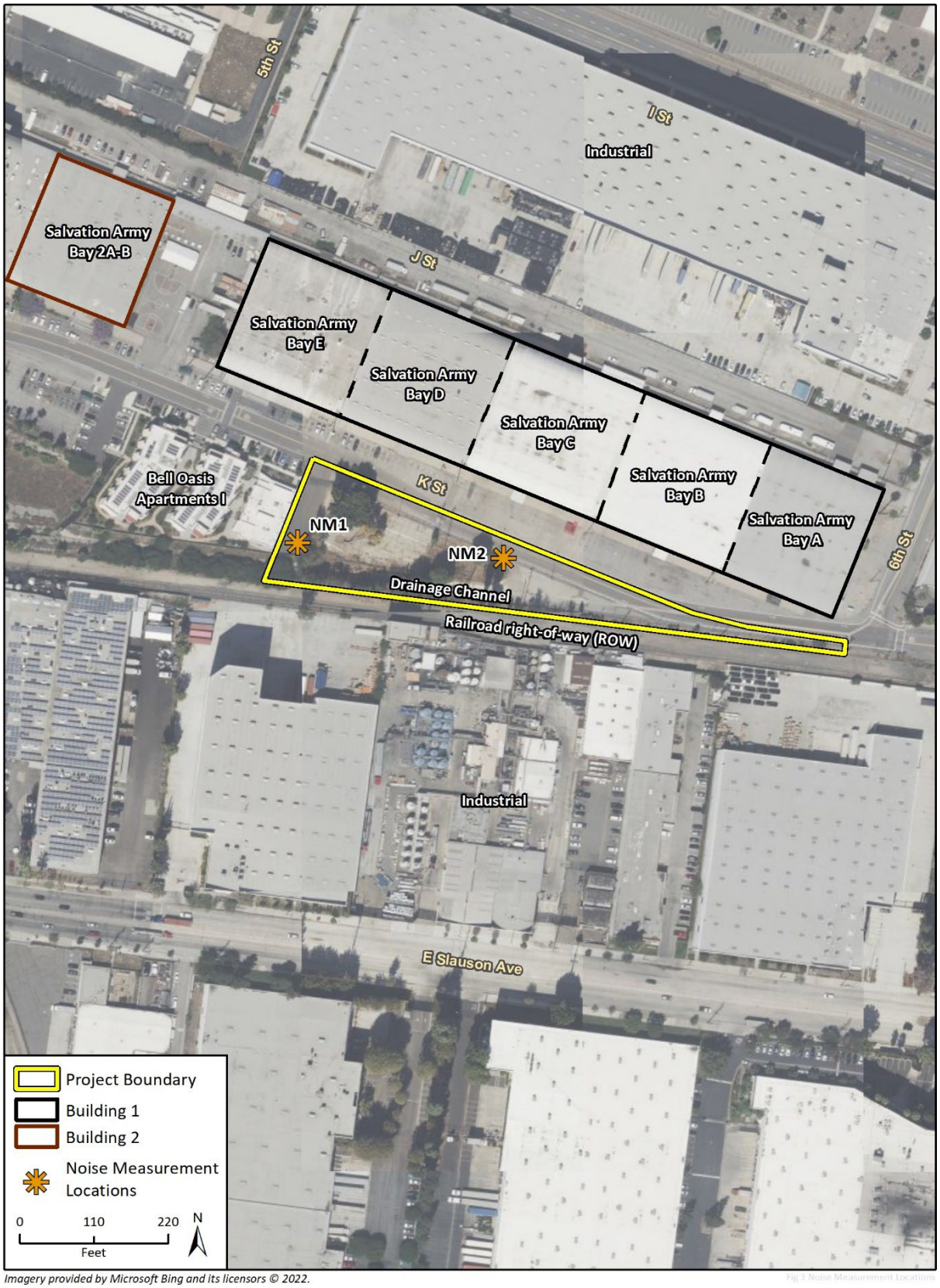
Table 14 Project Site Vicinity Sound Level Monitoring Results

Measurement Location	Measurement Location	Sample Times	Approximate Distance to Primary Noise Source	L_{eq} (dBA)	L_{min} (dBA)	L_{max} (dBA)
NM 1	Western property boundary	8:52 –9:07 a.m.	Approximately 140 feet to K Street centerline, 35 feet to adjacent apartments	58	52	72
NM 2	Eastern property boundary	9:13 – 9:28 a.m.	Approximately 23 feet to centerline of K Street	62	58	76

dBA = A-weighted decibels; L_{eq} = equivalent noise level; L_{min} = minimum noise level, L_{max} = maximum noise level

See Appendix H for detailed measurement data.

Figure 11 Noise Measurement Locations



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Regulatory Setting

Federal

The FTA provides reasonable criteria for assessing construction noise impacts based on the potential for adverse community reaction in their *Transit and Noise Vibration Impact Assessment Manual* (FTA 2018). For residential, commercial, and industrial uses, the daytime noise threshold is 80 dBA L_{eq}, 85 dBA L_{eq}, and 90 dBA L_{eq} for an eight-hour period, respectively.

State

California regulates freeway noise, sets standards for sound transmission, provides occupational noise control criteria, identifies noise standards, and provides guidance for local land use compatibility. State law requires each county and city to adopt a general plan that includes a noise element prepared pursuant to guidelines adopted by the Governor's Office of Planning and Research. The purpose of the noise element is to limit the exposure of the community to excessive noise levels. CEQA requires that all known environmental effects of a project be analyzed, including environmental noise impacts.

CALIFORNIA NOISE CONTROL ACT OF 1973

California Health and Safety Code Sections 46000 through 46080, known as the California Noise Control Act, find that excessive noise is a serious hazard to public health and welfare and that exposure to certain levels of noise can result in physiological, psychological, and economic damage. The act also finds that there is a continuous and increasing bombardment of noise in urban, suburban, and rural areas. The California Noise Control Act declares that the State has a responsibility to protect the health and welfare of its citizens by the control, prevention, and abatement of noise. It is the policy of the State to provide an environment for all Californians that is free from noise that jeopardizes their health or welfare.

CALIFORNIA BUILDING CODE

CCR Title 24, Building Standards Administrative Code, Part 2, and the California Building Code codify the State noise insulation standards. These noise standards apply to new construction in California to control interior noise levels as they are affected by exterior noise sources. The regulations specify that interior noise levels for residential and school land uses should not exceed 45 dBA CNEL.

City of Bell Noise Standards

CITY OF BELL GENERAL PLAN HEALTH AND SAFETY ELEMENT

The City maintains the health and welfare of its residents with respect to noise through abatement ordinances and land use planning. The City's General Plan includes policies with the intent to reduce excessive noise impacts, including a few applicable to the project:

- **Policy 18:** The City of Bell shall consider planning guidelines which include noise control for all new residential developments and condominium conversion projects. The City shall promote design measures that will be effective in reducing noise reduction in the review of new development projects.
- **Policy 19**: The City of Bell shall require that future development projects and existing land uses reduce unnecessary noise near noise-sensitive areas such as residences, parks, hospitals,

libraries, convalescent homes, etc. The City shall enforce the existing noise control regulations such as those included in the Bell Municipal Code.

- **Policy 20:** The City of Bell shall encourage the reduction of noise throughout the City in the review of new development. New development projects will undergo review to ensure that noise impacts from such developments are reduced as much as possible
- **Policy 21:** The City of Bell shall promote the development of a compatible noise environment throughout the City. The City shall consider noise and land use compatibility in the review of new development projects.
- **Policy 22:** The City shall implement noise regulations that will lower excessive and intrusive noise to levels that conform to acceptable standards. The City shall ensure Code Enforcement and the Police Department will continue to enforce noise control regulations.
- **Policy 26:** The City of Bell shall continue to require noise attenuation in new residential developments that are exposed to significant noise levels from freeway and arterial roadway traffic. The City shall make every effort to inform developers, businesses, and residents of noise control measures. Noise studies must be performed for new noise sensitive projects that are located near arterial roadways and freeways.

CITY OF BELL MUNICIPAL CODE

Chapter 8.28 of the BMC is intended to control unnecessary, excessive, and annoying noise in the city. According to BMC Section 8.28.020, it is unlawful for any person to make, cause or permit any loud or unusual noise to emanate from any activity taking place on real property owned or occupied by such person, which has the effect of disturbing the peace and quiet of the neighborhood, or which directly causes an unreasonable interference with the use, enjoyment and/or possession of any real property owned or occupied by any other person. Furthermore, according to BMC Section 9.28.040:

- No person shall play, use, or operate or permit to be played, used, or operated any radio, receiving set, television set, musical instrument, phonograph, jukebox or other machine or device for producing or reproducing sound in a manner which disturbs the peace and quiet of any residentially zoned neighborhood.
- No person shall play, use, operate or permit to be played, used or operated any radio, receiving set, television set, musical instrument, phonograph, jukebox or other machine or device for producing or reproducing sound between the hours of 10 p.m. and 7 a.m. on property located in any residential zone and when clearly the same is audible at a distance of 50 feet or more from the building, structure, property or vehicle where the sound is produced.

a. Would the project result in 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?

Construction Noise Impacts

Construction of the project would be the primary source of temporary noise associated with the project. Construction noise impacts were estimated using the FHWA's Roadway Construction Noise Model (RCNM) (2006). RCNM predicts construction noise levels for a variety of construction operations based on empirical data and the application of acoustical propagation formulas. Using RCNM, construction noise levels were estimated at potential noise-sensitive receivers near the

project site. RCNM provides reference noise levels for standard construction equipment, with an attenuation of 6 dBA per doubling of distance.

Construction equipment operates in two modes: stationary and mobile. As a rule, stationary equipment operates in a specific location for one or more days at a time, with either fixed-power operation (e.g., pumps, generators, and compressors) or variable-power operation (e.g., pile drivers, rock drills, and pavement breakers). Mobile equipment moves around the construction site with power applied in cyclic fashion, such as bulldozers, graders, and loaders (FTA 2018). Noise impacts from stationary equipment are assessed from the center of the equipment, while noise impacts from mobile construction equipment are assessed from the center of the equipment activity area (e.g., construction site).

Variation in power imposes additional complexity in characterizing the noise source level from construction equipment. Power variation is accounted for by describing the noise at a reference distance from the equipment operating at full power and adjusting it based on the duty cycle, or percent of operational time, of the activity to determine the L_{eq} of the operation (FTA 2018).

Each phase of construction has a specific equipment mix, depending on the work to be accomplished during that phase. Each phase also has its own noise characteristics; some would have higher continuous noise levels than others, and some may have discontinuous high-impact noise levels. In typical construction projects, grading activities typically generate the highest noise levels because grading involves the largest equipment and covers the greatest area. Foundation excavation and construction is often the second loudest phase, followed by paving and building construction.

Project construction phases would include site preparation, grading, building construction, architectural coating, and paving of the project site. It is assumed that diesel engines would power all construction equipment. As discussed in Section 3, *Air Quality*, specific construction equipment for each phase is not known at this stage of planning and, therefore, construction equipment defaults assumed by CalEEMod for the project were maintained for this analysis. The project is not anticipated to require pile driving or rock breaking. Construction noise was modeled in RCNM based on the conservative assumption that the building construction, paving, and architectural coating phases could overlap and equipment would be operating simultaneously.

Using RCNM, noise was modeled at the property line of the nearest noise-sensitive receivers from the center of on-site construction activity since equipment would be operating at various locations throughout the site. Sensitive receivers nearest to the project site include the Honorable Judge Harry Pregerson Community Building and Bell Oasis Apartments I to the west and Bay E to the northwest, which is occasionally used to shelter homeless adults. Construction equipment would be continuously moving across the site, coming near and then moving further away from individual receivers. Due to the dynamic nature of construction, noise levels are calculated from the average center of on-site construction activity. Therefore, building construction noise was modeled at 150 feet for the Honorable Judge Harry Pregerson Community Building and Bell Oasis Apartments I adjacent to the site to the west and construction noise was modeled at 215 for Bay E to the northwest. RCNM calculations for all phases are included in Appendix H and are shown in Table 15.

Table 15 Construction Noise Levels at Receivers

Construction Equipment[1]	Approximate L_{eq}, dBA	
	Bell Oasis Apartments I 150 Feet	Building 1 Bay E Shelter 215 Feet
Crane, Forklift, Generator Set, Tractor, Welders (3), Cement and Mortar Mixer, Paver, Paving Equipment, Roller, Backhoe, Air Compressor	79	76

[1] Equipment list based on CalEEMod assumption that building construction, paving, and architectural coating phases could overlap. See Appendix H for RCNM results.

The City does not have specific standards or limits related to construction noise. However, based on FTA's *Transit and Noise Vibration Impact Assessment Manual* (FTA 2018), the daytime noise threshold for noise-sensitive residential uses is 80 dBA L_{eq} for an eight-hour period. As shown in Table 15, noise levels during the loudest phase of project construction were calculated at approximately 79dBA L_{eq} (eight-hour) at the Honorable Judge Harry Pregerson Community Building and Bell Oasis Apartments I to the west, and at approximately 76 dBA L_{eq} (eight-hour) at Bay E of Building 1 to the northwest. Therefore, construction noise levels would not exceed the FTA daytime noise criterion of 80 dBA L_{eq}. Furthermore, construction is anticipated to occur between 8 a.m. and 6 p.m. Monday through Friday, with occasional Saturdays, and would not occur during noise-sensitive nighttime hours. As such, construction noise levels would not exceed the nighttime noise criterion of 70 BA L_{eq} (FTA 2018). Therefore, construction noise impacts would be less than significant.

Operational Noise Impacts

The primary on-site noise sources associated with operation of the proposed project, and those discussed in this analysis, would include noise from delivery trucks and trash hauling trucks; persons occupying outdoor areas such as conversation; and heating, ventilation, and air conditioning (HVAC) units.

The project would require periodic delivery and trash hauling services. However, noise associated with delivery and trash-hauling trucks would be an intermittent noise source and are already a common occurrence in the project area due to existing residential and commercial uses that make up the developed urban area. Therefore, such services associated with the project would not result in a substantial permanent increase in ambient noise levels without the project and noise impacts would be less than significant.

The Project would generate noise from conversations, music, television, or other sound-generating equipment. However, these noise-generating activities would be similar to those of the existing Bell Oasis Apartments I and would result in a negligible change to existing noise levels. Noise from conversation would be an intermittent and temporary noise source, which would typically be limited to the daytime, outside of noise-sensitive hours of sleep.

Specific planning data for project HVAC systems are not available at this stage of project design; however, for a reasonable analysis, a typical to larger-sized residential condenser was used to determine project HVAC noise. The unit used for this analysis is a Carrier 38HDR060 split system condenser. Manufacturer specifications are included in Appendix H. The manufacturer's noise data lists the unit as having a sound power level of 72 dBA, which would produce 57 dBA at seven feet. The location and placement of rooftop HVAC units was based on project plans for the roof level of the proposed project. The nearest noise-sensitive receivers, the Bell Oasis Apartments I would be

located approximately 155 feet from the nearest rooftop-mounted HVAC equipment based on the approximate 15-foot roof-level height of the proposed lobby. Because noise from HVAC equipment would attenuate at a rate of approximately 6 dBA per doubling of distance from the source, rooftop-mounted equipment would generate noise levels in the range of 30 dBA L_{eq} at 155 feet, which is below the measurement ambient noise level adjacent to the Bell Oasis Apartments I (i.e., 58 dBA L_{eq}). Therefore, operational noise impacts associated with HVAC equipment would be less than significant.

Traffic Noise Impacts

In addition to producing on-site sources of noise, the project would generate vehicle trips, thereby increasing traffic noise on nearby roadways. Traffic noise (i.e., roadway noise) associated with project development would result in a significant impact if it would cause the ambient noise level measured at the property line of affected uses to increase by 3 dBA, which would result in a barely perceptible increase in traffic noise.

According to the City's General Plan Mobility and Circulation Element, K Street is characterized as a local street with an ADT of 2,000 or less (City of Bell 2018). As discussed in Section 17, *Transportation*, the project would not a generate daily vehicle trips in the same magnitude as a typical multi-family residential development based on observations and assessments that indicate that few project residents would own vehicles. It is also anticipated staffing and visitors would be minimal. Based on a daily trip rate of 1.46 trips per resident (see Section 17, *Transportation*), the project would generate approximately 89 daily trips. Therefore, the project would not add significant traffic to the project area thereby not resulting in a substantial increase in traffic noise. Noise impacts associated with off-site traffic generated by the proposed project would be less than significant.

LESS THAN SIGNIFICANT IMPACT

b. Would the project result in generation of excessive groundborne vibration or groundborne noise levels?

The operation of the project would not include any substantial vibration sources, such as heavy equipment operations. Construction activities would, however, have the greatest potential to generate groundborne vibration affecting nearby receivers and structures, especially during grading of the project site. A quantitative assessment of potential vibration impacts from construction activities has been conducted using the methodology and vibration levels provided by Caltrans (Caltrans 2020). The greatest vibratory sources during construction would be from the operation of jackhammers, bulldozers, and loaded trucks.

The operation of the project would not include any substantial vibration sources, such as heavy equipment operations. Construction activities would, however, have the greatest potential to generate groundborne vibration affecting nearby structures. A quantitative assessment of potential vibration impacts from construction activities was conducted using the methodology and vibration levels provided by Caltrans (Caltrans 2020). The greatest vibratory sources during construction would be from the operation of jackhammers, bulldozers, and loaded trucks. Table 16 shows typical vibration levels for various pieces of construction equipment used in the assessment of construction vibration.

Table 16 Typical Vibration Levels during Construction Activities

Equipment	in./sec. PPV at 25 feet
Large bulldozer	0.089
Loaded trucks	0.076
Jack Hammer	0.035
Small bulldozer	0.003

Source: FTA 2018

Because groundborne vibration could cause physical damage to structures and is measured in an instantaneous period, vibration impacts were modeled based on the distance from the location of vibration-intensive construction activities, conservatively assumed to be at edge of the project site, to the edge of nearby off-site structures. Therefore, the groundborne vibration analysis differs from the construction noise analysis in that modeled distances for vibration impacts are those distances between the edge of a project site to nearest off-site structures (regardless of sensitivity) whereas modeled distances for construction noise impacts are those distances between the center of on-site construction activity and the property line of the nearest off-site sensitive receivers. Based on the distance of the nearest structures to the project site, equipment was modeled at 75 feet for the industrial buildings to the north, 65 feet for the industrial buildings to the south, and 30 feet for the Honorable Judge Harry Pregerson Community Building to the west accounting for the location of the fire access lane between the proposed project and Community Building.

Construction activities known to generate excessive ground-borne vibration, such as pile driving, would not be required as part of project construction. The greatest anticipated source of vibration during general project construction activities would be from a dozer (large bulldozer used as proxy), which would be used during grading activities. At the closest sensitive receiver (i.e., the Honorable Judge Harry Pregerson Community Building), the vibration from a dozer would be 0.07 in./sec. PPV at 30 feet. Vibration calculations are included in Appendix H.

Therefore, construction-related vibration would be lower than what is considered a distinctly perceptible impact for humans of 0.24 in./sec. PPV and the structural damage impact to residential structures of 0.5 in./sec. PPV (for an estimate for potential damage to the Honorable Judge Harry Pregerson Community Building). Since other buildings are located at a further distance, construction-related vibration impacts would also be less than significant due to attenuation of vibration levels from the source. Furthermore, as a residential development, the project does not include substantial vibration sources associated with operation. Therefore, operational vibration impacts would be less than significant.

LESS THAN SIGNIFICANT IMPACT

c. 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?

No public airports or private airstrips are located within two miles of the project site. The closest airport to the proposed project is the San Gabriel Valley Airport, located approximately 10.2 miles to the northeast. Furthermore, the project is not within the San Gabriel Valley Airport Influence area (Los Angeles County 2015). Therefore, the project would result in no impact.

NO IMPACT

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14 Population and Housing

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

a. Would the project induce substantial unplanned population growth in an area, either directly (for example, by proposing new homes and businesses) or indirectly (for example, through extension of roads or other infrastructure)?

The project would involve construction of a three-story, 39,690-square-foot apartment building consisting of 57 studio units for homeless individuals and a two-bedroom staff unit, for a total of 58 apartment units. It is anticipated that one person would occupy each studio unit. Assuming that the two-bedroom unit would be occupied by up to four people, the project would therefore accommodate approximately 61 persons. The project includes a Zone Change from CM to C-3R with a conditional use permit to allow for housing in the C-3R zone; however, the project would not result in unplanned population growth in the project area. In August 2007, the federal government donated about 25 acres of property in Bell to The Salvation Army with a restriction that the property be used solely to serve the homeless, a mandate consistent with The Salvation Army's mission. Uses surrounding the project site include the donated property which has been developed over years to make up the campus that exists today. Therefore, the project would result in new residential units for homeless individuals consistent with the intended use of the site.

According to the California Department of Finance (DOF), the current population of Bell is approximately 33,624 persons. SCAG's demographic forecasts contained in the 2020-2045 RTP/SCS estimate that the city's population would increase to 37,100 persons by 2045, or an increase of 3,476 persons from the current population (SCAG 2020). As such, the proposed project's population of 61 persons would constitute approximately 1.8 percent of the overall population increase. Therefore, impacts associated with population growth would be less than significant.

LESS THAN SIGNIFICANT IMPACT

b. Would the project displace substantial numbers of existing people or housing, necessitating the construction of replacement housing elsewhere?

The project would involve construction of a three-story, 39,690-square-footapartment building consisting of 57 studio units for homeless individuals and a two-bedroom staff unit, for a total of 58 apartment units. The project site is currently vacant and undeveloped and would not displace existing people or housing.

On December 12, 2022, City of Los Angeles Mayor Karen Bass declared a state of emergency on homelessness and activated the city's Emergency Operations Center. Although this declaration specifically recognizes the severity of Los Angeles' crisis, a comparable situation is experienced by cities throughout Los Angeles County and the larger region (City of Los Angeles 2022). As such, the proposed project supports the increasing need for housing homeless individuals in the region. The proposed project would not necessitate the relocation of any persons or housing, but rather would house homeless individuals seeking housing. No impact would occur.

NO IMPACT

15 Public Services

		Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less than Significant Impact	No Impact
a.	Would the project result in substantial adverse physical impacts associated with the provision of new or physically altered governmental facilities, or the need for new or physically altered governmental facilities, the construction of which could cause significant environmental impacts, in order to maintain acceptable service ratios, response times or other performance objectives for any of the public services:				
	1 Fire protection?	☐	☐	■	☐
	2 Police protection?	☐	☐	■	☐
	3 Schools?	☐	☐	■	☐
	4 Parks?	☐	☐	■	☐
	5 Other public facilities?	☐	☐	■	☐

a.1. Would the project result in substantial adverse physical impacts associated with the provision of new or physically altered fire protection facilities, or the need for new or physically altered fire protection facilities, the construction of which could cause significant environmental impacts, in order to maintain acceptable service ratios, response times or other performance objectives?

The City of Bell contracts with the LACFD for fire protection and emergency services. Fire Station No. 27, located at 6031 Rickenbacker Road approximately 0.7 mile to the northeast of the project site, would serve the project. However, the proposed project is not located in or near state responsibility areas (SRA) or lands classified as very high fire hazard severity zones (VHFSZ) (CAL FIRE 2022).

As discussed in Section 9, *Hazards and Hazardous Materials*, construction activities have the potential to temporarily impact traffic and vehicle speeds on K Street. However, these impacts would be temporary and access to K Street would not be blocked by project construction such that service ratios or response times would be compromised. In addition, as discussed in Section 14, *Population and Housing*, the proposed project would not substantially increase the population of Bell. Therefore, the project would not substantially increase the service population of the LACFD such that it would generate the need for new or physically altered fire protection facilities.

The project would also comply with the latest 2022 California Building Standards Code (CCR, Title 24, Parts 1 through 12), including the California Building Code (CCR, Title 24, Part 2) and California Fire Code (CCR, Title 24, Part 9), which establish provisions for fire safety related to construction, maintenance, and design of

buildings and land uses. The project would be required to incorporate safety and security features, including fire sprinklers, alarm systems, and adequate access for emergency vehicles. Compliance with these requirements would lessen the demand for fire protection services at the project site, as compliance can prevent fires from spreading and would help facilitate early responses and access to the site of the fire. Therefore, the proposed project would not require new or altered fire protection facilities, and impacts would be less than significant.

LESS THAN SIGNIFICANT IMPACT

a.2. Would the project result in substantial adverse physical impacts associated with the provision of new or physically altered police protection facilities, or the need for new or physically altered police protection facilities, the construction of which could cause significant environmental impacts, in order to maintain acceptable service ratios, response times or other performance objectives?

Police protection and law enforcement services are provided by the City of Bell Police Department, located approximately 1.4 miles to the southwest of the project site. According to the City's General Plan, the Department's authorized strength is 31 officers. Based on a population of 33,624, as discussed in Section 14, *Population and Housing*, this translates into a per capita ratio of 0.92 officers per 1,000 residents. The addition of the 61 residents associated with the project does not alter the per capita ratio of 0.92 officers per 1,000 residents. Therefore, the project would not substantially increase the service demand of the Bell Police Department such that it would generate the need for new or physically altered police protection facilities.

The proposed project would also have a comprehensive system of cameras and security lighting throughout the project site. The project would also implement Crime Prevention through Environmental Design (CPTED) standards where possible. CPTED standards assist with the design and placement of buildings and open space to enhance supervision and visibility, which in turn alters offender behavior and discourages crime. Among these features are wrought iron security fences, well-lit walkways, gathering areas, and security cameras. With these standards, as such, the project would not require new or altered police protection facilities, and impacts would be less than significant.

LESS THAN SIGNIFICANT IMPACT

a.3. Would the project result in substantial adverse physical impacts associated with the provision of new or physically altered schools, or the need for new or physically altered schools, the construction of which could cause significant environmental impacts, in order to maintain acceptable service ratios or other performance objectives?

The Los Angeles Unified School District (LAUSD) serves the City of Bell. The nearest school to the site is the Richard N. Slawson Southeast Occupational Center located approximately 0.13 mile northwest of the site. However, the project would house homeless adults and would not contribute to school enrollment in the city. Furthermore, as stated in Government Code Section 65996 (SB 50), payment of school impact fees is deemed to constitute full and complete mitigation for potential impacts to schools caused by development. Therefore, with the payment of the required development fees, impacts related to the need for new school facilities as a result of implementing the proposed project would be less than significant.

LESS THAN SIGNIFICANT IMPACT

a.4. Would the project result in substantial adverse physical impacts associated with the provision of new or physically altered parks, or the need for new or physically altered parks, the construction of which could cause significant environmental impacts, in order to maintain acceptable service ratios or other performance objectives?

The proposed project would entail the construction of a 58-unit apartment building for homeless individuals. The project would include open decks and a multipurpose room on the first floor for a total of 2,391 square feet of open space. In addition, the project would include a 368-square-foot on-site fitness room on the second floor.

According to the City's General Plan, the City of Bell Department of Parks and Recreation maintains and operates nine parks totaling 14.5 acres, whereas between 2.5-acres and five acres of parkland for every 1,000 persons is considered to be optimal (City of Bell 2018). Based on a population of 33,624, as discussed in Section 14, *Population and Housing*, this translates into a parkland ratio of 0.43 acre of parkland per 1,000 residents. The addition of the 61 residents associated with the project does not alter the parkland ratio. Therefore, the project would not substantially increase the service demand parks such that it would generate the need for new or physically altered parks.

In addition, the City of Bell partners with the Los Angeles County Regional Park and Open Space District (RPOSD for implementing and administering the Los Angeles County Safe, Clean Neighborhood Parks and Beaches Measure 2016, also known as Measure A. Measure A authorizes dedicated local funding for parks, recreation, and open space for projects and their maintenance though an annual special tax on all taxable real property in the County. Measure A makes funding available to eligible recipients for projects to repair and upgrade parks and recreational facilities (City of Bell 2022). The proposed project would be subject to the City of Bell development fees for parkland.

With payment of development and given that the proposed project is not expected to substantially increase the population of Bell or alter the existing parkland ratio, impacts associated with the provision of new or physically altered parks, or the need for new or physically altered parks, would be less than significant.

LESS THAN SIGNIFICANT IMPACT

a.5. Would the project result in substantial adverse physical impacts associated with the provision of other new or physically altered public facilities, or the need for other new or physically altered public facilities, the construction of which could cause significant environmental impacts, in order to maintain acceptable service ratios, response times or other performance objectives?

Physical impacts to public services are usually associated with population growth, which increases the demand for public services and facilities, including libraries. The Bell Library is located at 4411 Gage Avenue, approximately 1.4 miles to the southwest of the project site. As discussed in Section 14, *Population and Housing*, the project could add approximately 61 new residents to the city, which would result in an incremental increase in demand for local public libraries. Furthermore, the proposed project would include an on-site library, which would reduce the need for the use of off-site public libraries. Therefore, the project would not substantially affect existing governmental facilities or require the need for new or altered library facilities. Impacts would be less than significant.

LESS THAN SIGNIFICANT IMPACT

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16 Recreation

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

a. Would the project increase the use of existing neighborhood and regional parks or other recreational facilities such that substantial physical deterioration of the facility would occur or be accelerated?

b. Does the project include recreational facilities or require the construction or expansion of recreational facilities which might have an adverse physical effect on the environment?

The project's inclusion of open space and recreation facilities would reduce the need for project residents to use the City's existing recreation facilities. Nonetheless, project residents would have access to existing parks and other recreational facilities. According to the City's General Plan, the City of Bell Department of Parks and Recreation maintains and operates nine parks totaling 14.5 acres, whereas between 2.5-acres and five acres of parkland for every 1,000 persons is considered to be optimal (City of Bell 2018). Based on a population of 33,624, as discussed in Section 14, *Population and Housing*, this translates into a parkland ratio of 0.43 acre of parkland per 1,000 residents. The addition of the 61 residents associated with the project does not alter the parkland ratio. Therefore, the project would not substantially increase the service demand of parks or other recreational facilities such that physical deterioration of facilities would occur or construction or expansion of recreational facilities would be required. As discussed in Section 15, *Public Services*, the proposed project would be subject to the City of Bell development fees for parkland. Impacts to existing neighborhood and regional parks or other recreational facilities would be less than significant.

LESS THAN SIGNIFICANT IMPACT

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17 Transportation

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

a. Would the project conflict with a program, plan, ordinance or policy addressing the circulation system, including transit, roadway, bicycle and pedestrian facilities?

Access to the project site during construction and operation would be provided via K Street, which is a two-lane road. Construction traffic would be temporary and limited to the duration of the construction schedule. Furthermore, construction of the project would include "straightening" K Street so that it continues in a straight path east to west, parallel to the existing Bell Oasis Apartments I and northern boundary of the proposed project. At operation of the project would generate vehicle traffic on the local roadway system; however, the project involves permanent supportive housing and would not generate vehicle traffic to the same extent as a typical multi-family residential use. Other than one manager's unit, all apartments would be studio apartments that would provide permanent supportive housing for the very low-income (32 units) and extremely low-income (25 units) homeless population. Therefore, acknowledging that the income levels of future residents would be such that few would own vehicles, the project would not generate substantial vehicle traffic.

Trip Generation

Although it is anticipated few project residents would own vehicles, the project's daily trip generation was conservatively estimated using the Affordable Housing LUC (223) from the ITE Trip Generation Manual 11th Edition. As discussed in Section 14, *Population and Housing*, it is anticipated that that one person would occupy each studio unit. Assuming that the two-bedroom unit would be occupied by up to four people, the project would therefore accommodate approximately 61 persons. Based on a daily trip rate of 1.46 trips per resident under LUC 223, the project would

generate approximately 89 daily trips. This trip rate is comparable to the daily rate of 1.50 used by City of Los Angeles for a permanent supportive housing project outside of a Transit Priority Area.

Similar to the Bell Oasis Apartments I, it is also anticipated staffing and visitors would be minimal under the proposed project. Therefore, based on the assumption that few project residents would own vehicles, the project would not add significant traffic to the project area. Furthermore, the proposed project would be within walking and biking distance of existing public transit options, consisting of bus stops for Metro Line 108 along Slauson Avenue and Metro Line 258 and Commerce Orange Line along Eastern Avenue. Therefore, the proposed project would not have the potential to conflict with a program, plan, ordinance, or policy addressing the circulation system, including transit, roadway, bicycle, and pedestrian facilities. Impacts would be less than significant.

LESS THAN SIGNIFICANT IMPACT

b. Would the project conflict or be inconsistent with CEQA Guidelines section 15064.3, subdivision (b)?

In December 2018, the California Natural Resources Agency certified and adopted the updated CEQA Guidelines package. The amended CEQA Guidelines, specifically Section 15064.3, generally require the use of VMT as the primary metric for the evaluation of transportation impacts associated with land use and transportation projects. In general terms, VMT quantifies the amount and distance of automobile travel attributable to a project or region. All agencies and projects statewide are required to utilize the updated CEQA Guidelines for evaluating transportation impacts as of July 1, 2020.

However, the proposed project is 100 percent affordable housing and is presumed to have a less than significant impact on VMT per the Governor's Office of Planning and Research Technical Advisory (OPR 2018). Therefore, impacts would be less than significant.

LESS THAN SIGNIFICANT IMPACT

c. Would the project substantially increase hazards due to a geometric design feature (e.g., sharp curves or dangerous intersections) or incompatible use (e.g., farm equipment)?

The proposed project would be developed on a vacant lot with street parking provided along K Street. The proposed use would be similar to the existing adjacent Bell Oasis Apartments I in scale and architectural design and would not introduce an incompatible or hazardous use to the project area. The project site would continue to be accessible for residents and visitors via K Street. Pedestrians would be able to safely access the project site via the existing outlined walkways along K Street and the proposed sidewalk at the project frontage, which would connect to the existing walkway network surrounding the site. Figure 5 and Figure 10 collectively show the proposed concrete sidewalk along the northern boundary of the site that connects to the existing concrete sidewalk at the Bell Oasis Apartments I northern frontage to the west and the painted pedestrian walk along K Street to the east. The painted pedestrian walk further connects to the painted crosswalk at Mansfield Way, where pedestrians have access to a concrete sidewalk along Mansfield Way connecting to Eastern Avenue. Construction of the project would also "straighten" K Street so that it continues in a straight path east to west, parallel to the existing Bell Oasis Apartments I and northern boundary of the proposed project. Therefore, the project would not include development of new roads, sharp curves, or intersections. Impacts would be less than significant.

LESS THAN SIGNIFICANT IMPACT

d. Would the project result in inadequate emergency access?

During construction, temporary and occasional lane closures may be required, however two-way traffic would still be maintained at construction entry points. Implementation of the project would not create new obstructions to emergency access in the project area. In addition, the project would not result in inadequate emergency access because it would be subject to LACFD review of site plans, site construction, and the actual structures prior to occupancy to ensure that required fire protection safety features, including building sprinklers and emergency access, are implemented. Impacts would be less than significant.

LESS THAN SIGNIFICANT IMPACT

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18 Tribal Cultural Resources

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

AB 52 establishes that "A project with an effect that may cause a substantial adverse change in the significance of a tribal cultural resource is a project that may have a significant effect on the environment" (PRC Section 21084.2). It further states that the lead agency shall establish measures to avoid impacts that would alter the significant characteristics of a tribal cultural resource, when feasible (PRC Section 21084.3).

PRC Section 21074 (a)(1)(A) and (B) defines tribal cultural resources as "sites, features, places, cultural landscapes, sacred places, and objects with cultural value to a California Native American tribe" that are either:

1. Listed or eligible for listing in the California Register of Historical Resources, or in a local register of historical resources as defined in PRC Section 5020.1(k), or

2. A resource determined by the lead agency, in its discretion and supported by substantial evidence, to be significant pursuant to criteria set forth in subdivision (c) of PRC Section 5024.1. In applying these criteria, the lead agency shall consider the significance of the resource to a California Native American tribe.

AB 52 also establishes a formal consultation process for California tribes regarding those resources. The consultation process must be completed before a CEQA document can be certified. Under AB 52, lead agencies are required to "begin consultation with a California Native American tribe that is traditionally and culturally affiliated with the geographic area of the proposed project." Native American tribes to be included in the process are those that have requested notice of projects proposed within the jurisdiction of the lead agency.

Rincon contacted the NAHC on June 6, 2022, to request a search of the SLF, as well as a contact list of Native American tribes with traditional and cultural affiliation with the geographic area in which the project is located. On July 5, 2022, the NAHC responded to the request stating that the SLF search was negative (indicating no known cultural resources were present in the project site), and with a consultation list of seven tribes and nine tribal contacts. Based on this list, and per PRC Section 21080.3.1, the City sent out consultation letters on August 8, 2022 to the nine individuals listed below to request information on potential tribal cultural resources in the project site vicinity that may be impacted by the proposed project's development.

- Gabrieleño Band of Mission Indians - Kizh Nation: Andrew Salas, Chairperson
- Gabrieleño/Tongva San Gabriel Band of Mission Indians: Anthony Morales, Chairperson
- Gabrielino /Tongva Nation: Sandonne Goad, Chairperson
- Gabrielino Tongva Indians of California Tribal Council: Christina Conley, Tribal Consultant and Administrator; Robert Dorame, Chairperson
- Gabrielino-Tongva Tribe: Charles Alvarez
- Santa Rosa Band of Cahuilla Indians: Lovina Redner, Tribal Chair
- Soboba Band of Luiseno Indians: Isaiah Vivanco, Chairperson; Joseph Ontiveros Cultural Resource Department

On August 8, 2022, Christina Conley, Tribal Consultant and Administrator of the Gabrielino Tongva Indians of California responded via email requesting additional information about the cultural resources survey for the project. On March 15, 2023, the City followed up with the Gabrielino Tongva Indians of California and provided the Cultural Resources Assessment Report prepared by Rincon in August 2022 (Appendix C). On March 20, 2023, the Gabrielino Tongva Indians of California responded expressing concerns due to the project's location adjacent to the Los Angeles River and requesting to be present during all ground disturbances associated with project construction, which was taken into consideration as part of the mitigation measures included in this section.

On August 9, 2022, Andrew Salas, Chairperson of the Gabrieleño Band of Mission Indians-Kizh Nation (Kizh Nation) responded via email and requested to consult with the City on the project. The City held a consultation meeting with Kizh Nation on February 9, 2023. The Kizh Nation submitted an excerpt from "The First Angelinos" and a map to the City for review ahead of a consultation meeting. City Staff met with Chairperson Andrew Salas and Matt Teutimez, also representing the Kizh Nation, to discuss the project. During the meeting, the Kizh Nation requested additional data regarding the project be sent to them, including the extent/depth of ground disturbance, the

Cultural Resources Assessment, and any other geotechnical or site assessment reports associated with the project. The City provided the requested information to Kizh Nation on February 27, 2023. On March 3, 2023, based on the information provided, the Kizh Nation provided the City with their recommended language for mitigation of the project's potential impacts to tribal cultural resources.

As consultation with the Gabrielino Tongva Indians of California was ongoing at this time, on April 5, 2023, the City provided revised mitigation language to both the Kizh Nation and Gabrielino Tongva Indians of California, identified in this section of the IS-MND as mitigation measures TCR-1 through TCR-4, for their respective review and concurrence. On April 5, 2023, the Gabrielino Tongva Indians of California responded with some suggested revisions to the mitigation language. On April 6, 2023, the City sent the revised mitigation language to both the Kizh Nation and the Gabrielino Tongva Indians of California for another round of review. On April 7, 2023, the Gabrielino Tongva Indians of California accepted the mitigation language via email and consultation under AB 52 was concluded with agreement pursuant to PRC Section 21082.3.2(b)(1). On April 14, 2023, the Kizh Nation responded requesting another meeting to discuss the mitigation language. Consultation with the Kizh Nation is still ongoing at the time of this writing but will be concluded prior to certification of the IS-MND.

a. *Would the project cause a substantial adverse change in the significance of a tribal cultural resource as defined in Public Resources Code Section 21074 that is listed or eligible for listing in the California Register of Historical Resources, or in a local register of historical resources as defined in Public Resources Code Section 5020.1(k)?*

b. *Would the project cause a substantial adverse change in the significance of a tribal cultural resource as defined in Public Resources Code Section 21074 that is a resource determined by the lead agency, in its discretion and supported by substantial evidence, to be significant pursuant to criteria set forth in subdivision (c) of Public Resources Code Section 5024.1?*

AB 52 consultation conducted for the project did not result in the identification of Tribal Cultural Resources (TCRs) within the project site as specified in PRC Section 21074 (a)(1)(A) and (B). Despite the disturbances of the project site that may have displaced or buried TCRs (or archaeological resources relating to TCRs) on the surface, such intact resources may exist at depth given the proven pre-contact era Tribal residence in the region and the favorable natural conditions that would have attracted pre-contact era people to the area. In the event such previously unknown TCRs are found, significant effects may occur if the resource is disturbed, destroyed, or otherwise improperly treated. As such, mitigation measures TCR-1 through TCR-4 would require retention of a Native American monitor prior to the start of ground-disturbing activities, preparation of daily monitoring logs during ground-disturbing activities, and specific procedures in the event such TCRs are uncovered during construction. Implementation of mitigation measure TCR-1 through TCR-4 would reduce potential impacts to tribal cultural resources to a less than significant level.

Mitigation Measures

TCR-1 Retain a Native American Monitor Prior to Commencement of Ground-Disturbing Activities

The project applicant shall retain Native American monitors from both the Gabrieleño Band of Mission Indians – Kizh Nation and the Gabrielino Tongva Indians of California to monitor ground disturbing activities on a rotating basis during project implementation. The project applicant will be responsible for establishing the Native American monitoring contracts and conveying project

information such as location and schedule. The monitors shall be retained prior to the commencement of any "ground-disturbing activity" for the subject project at all project locations (i.e., both on-site and any off-site locations that are included in the project). "Ground disturbing activity" includes, but is not limited to, demolition, pavement removal, potholing, auguring, grubbing, tree removal, boring, grading, excavation, drilling, and trenching.

A copy of the executed monitoring contracts shall be submitted to the City of Bell prior to the commencement of any ground-disturbing activity, or the issuance of any permit necessary to commence a ground-disturbing activity.

TCR-2 Native American Monitoring of Ground-Disturbing Activities

The Native American monitors retained under Mitigation Measure TCR-1 shall complete daily monitoring logs that shall provide descriptions of the relevant ground-disturbing activities, the type of construction activities performed, locations of ground disturbing activities, soil types, cultural-related materials, and any other facts, conditions, materials, or discoveries of significance to the Tribe. Monitoring logs shall identify and describe any discovered Tribal Cultural Resources, including, but not limited to, Native American cultural and historical artifacts, remains, places of significance, etc., as well as any discovered Native American (ancestral) human remains and burial-associated items. Copies of monitor logs shall be provided to the project applicant and City of Bell within 90 days after the conclusion of monitoring activities.

On-site tribal monitoring shall conclude when either of the following occurs: (1) written confirmation to both the Kizh Nation and Gabrielino Tongva Indians of California from the City of Bell that all ground-disturbing activities and phases that may involve ground-disturbing activities within the project site are complete; or (2) a determination and written notification by both the Kizh Nation and Gabrielino Tongva Indians of California to the City of Bell that no future, planned construction activity and/or development/construction phase within the project site possesses the potential to impact Tribal Cultural Resources or archaeological resources of Native American origin.

Upon discovery of any Tribal Cultural Resources, all construction activities in the immediate vicinity of the discovery shall cease (i.e., not less than the surrounding 50 feet) and shall not resume until the discovery has been fully assessed by the Kizh Nation monitor, Gabrielino Tongva Indians of California monitor, and an archaeologist. The Kizh Nation and Gabrielino Tongva Indians of California shall consult with City on measures to recover and retain all discovered Tribal Cultural Resources in the form and manner the Tribes deems appropriate in the Tribes' discretion, and agreed upon through consultation with the City. These measures may include recovering the Tribal materials (excluding human remains) for educational, cultural and/or historic purposes.

TCR-3 Unanticipated Discovery of Human Remains and Associated Funerary Objects

Tribal Native American human remains are defined in California Public Resources Code (PRC) Section 5097.98 (d)(1) as an inhumation or cremation, and in any state of decomposition or skeletal completeness. Funerary objects, called associated grave items in California PRC Section 5097.98, are also to be treated according to this statute.

If human remains and/or grave items are discovered or recognized on the project site, then all construction activities shall immediately cease. Construction activities may resume in other parts of the project site at a minimum of 200 feet away from discovered human remains and/or burial items, if the Native American monitor(s) determines that resuming construction activities at that distance

is acceptable and provides the project proponent and the City express consent of that determination, along with other mitigation measures the Native American monitor and/or archaeologist deems appropriate for protection of the discovery.

If the discovery includes human skeletal material, the find shall be immediately reported to the County Coroner pursuant to California Health and Safety Code Section 7050.5. Pursuant to California PRC Section 5097.98, all ground-disturbing activities shall immediately halt in the vicinity (200 feet) of the discovery and shall remain halted until the coroner has determined the nature of the remains. If the coroner recognizes the human remains to be those of a Native American origin or has reason to believe they are Native American, they shall contact the Native American Heritage Commission by telephone within 24 hours.

A Most Likely Descendent (MLD) will be assigned by the NAHC to ensure the ancestor(s) will be treated with dignity and respect and the MLD shall complete their inspection and make recommendations or preferences for treatment within 48 hours (California PRC Section 5097.98).

A certified osteologist will be retained to verify the human remains authenticity and work to help remove the ancestor(s) from the site area with the discretion and advise from the MLD. The Tribal monitor(s) assigned to the project will assist the osteologist and archeological monitors in the recovery process. The MLD will determine where the ancestors will be housed pending a final decision for the reinterment of the ancestor(s).

Human remains and grave and burial items shall be treated alike per California PRC Section 5097.98 (d)(1) and California PRC Section 5097.98 (d)(2).

TCR-4 Procedures for Burials and Associated Funerary Objects

Any soil surrounding burials and any cremation soils shall be treated in the same manner as their associated human remains. Associated funerary objects are objects that, as part of the death rite or ceremony of a culture, are reasonably believed to have been placed with individual human remains either at the time of death or later; other items made exclusively for burial purposes or for the purpose of containing human remains can also be considered as associated funerary objects.

The City and the designated MLD Tribe shall make every effort to recommend diverting the project and keeping the remains in situ and protected. If the project cannot be diverted, it may be determined that burials shall be removed. In the event preservation in place is not possible despite good faith efforts by the project applicant and the City, before ground-disturbing activities may resume within the vicinity of the discovery, the City, MLD, and project proponent shall consult and arrange a designated site location within the APE for the respectful reburial of the human remains and/or ceremonial objects. The site of reburial/repatriation shall be on the project site but at a location agreed upon between the MLD, the City, and the project proponent, at a site to be protected in perpetuity. There shall be no publicity regarding any cultural materials recovered.

Recovery of human remains shall be completed by a qualified archaeologist approved by the MLD Tribe. Cremations shall either be removed in bulk or by means as necessary to ensure complete recovery of all associated sacred materials.

Each occurrence of human remains and associated funerary objects shall be stored using opaque cloth bags. All human remains, funerary objects, sacred objects and objects of cultural patrimony shall be removed to a secure container on site, if possible. These items should be retained and reburied within six months of recovery.

In the case where discovered human remains cannot be fully documented and recovered on the same day, the remains shall be covered with muslin cloth and a steel plate that can be moved by heavy equipment placed over the excavation opening to protect the remains. If this type of steel plate is not available, a 24-hour guard should be posted outside of working hours.

The MLD Tribe shall work closely with the project's qualified archaeologist to ensure that the excavation is treated carefully, ethically, and respectfully. If data recovery is approved by the MLD Tribe, documentation shall be prepared and shall include (at a minimum) detailed descriptive notes and sketches. All data recovery-related forms of documentation shall be approved in advance by the MLD Tribe. If any data recovery is performed, once complete, a final report shall be submitted to the MLD Tribe, the City, and the NAHC.

LESS THAN SIGNIFICANT WITH MITIGATION INCORPORATED

19 Utilities and Service Systems

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

a. Would the project require or result in the relocation or construction of new or expanded water, wastewater treatment or storm water drainage, electric power, natural gas, or telecommunications facilities, the construction or relocation of which could cause significant environmental effects?

c. Would the project result in a determination by the wastewater treatment provider which serves or may serve the project that it has adequate capacity to serve the project's projected demand in addition to the provider's existing commitments?

The project would require utility work as part of project construction; however, the project would only require new infrastructure to connect the proposed building's utility lines (all underground) to the existing main utility lines. The existing main utility lines (i.e., domestic water, fire water, gas, and

wastewater/sewer) would have adequate capacity to serve the project without the need for new or expanded connections to the main infrastructure to increase capacity. Furthermore, underground electric/cable infrastructure would run from the project transformer and connect to existing SCE power poles along the north side of K Street lines.

Water and Wastewater Treatment

The City of Bell owns the City's sewer infrastructure, which consists of 37 miles of gravity sewer main with 8,611 lateral connections. Sewage generated by the City is managed by the Los Angeles County Sanitation District (LACSD) (City of Bell 2018). Wastewater collected by the LACSD is conveyed to the Joint Water Pollution Control Plant located at 24501 Figueroa Street in Carson. This treatment plant provides primary and secondary treatment for approximately 280 million gallons per day (mgd) and has a total permitted capacity of 400 mgd. Thus, a remaining capacity of 120 mgd is available for future development in the region.

According to CalEEMod outputs (Appendix B), the project water demand would be approximately 2.2 million gallons of water per year. Conservatively assuming total wastewater is equivalent to water demand, the project would produce up to 2.2 million gallons of wastewater per year or less than 0.01 mgd. This would account for approximately 0.005 percent of the remaining capacity. Therefore, the LACSD would have adequate capacity to provide wastewater treatment for the proposed project and the proposed project would not require the construction of new or expanded wastewater treatment facilities. Potential impacts would be less than significant.

Stormwater

The project site would require construction of infrastructure to connect the site to the existing storm drain system operated and maintained by the City. The proposed project would increase impervious surfaces over the project site due to construction of the proposed multifamily building. As discussed in Section 10, *Hydrology and Water Quality,* the City of Bell is a co-permittee in the Los Angeles County MS4 permit, Order No. R4-2012-0175 (NPDES No. CAS004001), as amended. NPDES permit requirements include the implementation of BMPs. Therefore, upon compliance with applicable regulations, potential impacts related to new or expanded stormwater facilities would be less than significant.

Electric Power, Natural Gas, and Telecommunications

The proposed project would not cause substantial population growth (see Section 14, *Population and Housing*), and would not result in wasteful or inefficient use of energy (see Section 6, *Energy*).

According to CalEEMod outputs (Appendix B), estimated natural gas consumption for the project would be approximately 644 MMBtu. Natural gas would be provided by SoCalGas, which provided 226 million MMBtu of natural gas to residential countermine in the year 2021 (CEC 2021). The project's natural gas consumption would represent less than 0.001 percent of natural gas provided by SoCalGas, indicating that there are adequate facilities and supplies in the area to serve the project. Therefore, the project would not require additional natural gas storage/transmission facilities. Likewise, the project site is an infill project served by existing telecommunications facilities within the city and would not require the expansion or construction of new telecommunications infrastructure.

As described in the above analysis, the project would not result in significant environmental impacts due to the construction of new utility facilities and the project would be served by a wastewater treatment plant with adequate capacity. Potential impacts would be less than significant.

LESS THAN SIGNIFICANT IMPACT

b. Would the project have sufficient water supplies available to serve the project and reasonably foreseeable future development during normal, dry and multiple dry years?

Calwater provides water to the project site (City of Bell 2018). Calwater uses a combination of local groundwater and purchased water from MWD, which is imported from the Colorado River and the State Water Project in northern California (Calwater 2022). Calwater has implemented a Drought Response Program intended to achieve short-term reductions in water use and longer-term changes in water use patterns to help ensure that service areas will have a reliable supply of water for years to come (Calwater 2022b). Measures to ensure reliable supply include potable water use restrictions. Furthermore, according to the Calwater 2020 Urban Water Management Plan (UWMP), Calwater will be able to serve 100 percent of projected demands in normal, single-dry, and multiple-dry years (Calwater 2022b). Potential impacts related to water supply would be less than significant.

LESS THAN SIGNIFICANT IMPACT

d. Would the project generate solid waste in excess of State or local standards, or in excess of the capacity of local infrastructure, or otherwise impair the attainment of solid waste reduction goals?

e. Would the project comply with federal, state, and local management and reduction statutes and regulations related to solid waste?

Republic Services provides exclusive recycling and waste collection services for residential and commercial accounts for the City of Bell (Republic Services 2022). Solid waste is collected by Republic Services and taken to Republic Services' Sunshine Canyon Landfill in Sylmar for disposal. The landfill accepts mixed municipal, inert, industrial, green materials, and construction/demolition waste. This landfill is operated under Solid Waste Facility Permit 19-AA-2000, issued by California Department of Resources Recycling and Recovery (CalRecycle), which allows the landfill to receive up to 12,100 tons per day of municipal solid waste for disposal. The landfill has a remaining capacity of 77,900,000 cubic yards of waste (CalRecycle 2019).

Construction of the proposed project would generate some solid waste, though waste generation would be minimal as the proposed project does not include demolition of any structures. Any construction debris generated would be removed and disposed of in a timely manner and in accordance with all applicable laws and regulations.

According to the CalEEMod results operation of the proposed project would generate approximately 15 tons of solid waste per year, or 0.04 tons per day (Appendix B). The project's waste generation would represent less than 0.001 percent of the daily permitted waste disposal at the Sunshine Canyon Landfill. Therefore, the project would not generate waste that would exceed the current estimated remaining daily capacity of the landfill. In addition, the proposed project would comply with federal, State, and local statues and regulations related to solid waste and the City's recycling programs for commercial businesses. Therefore, impacts would be less than significant.

LESS THAN SIGNIFICANT IMPACT

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20 Wildfire

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

a. If located in or near state responsibility areas or lands classified as very high fire hazard severity zones, would the project substantially impair an adopted emergency response plan or emergency evacuation plan?

b. If located in or near state responsibility areas or lands classified as very high fire hazard severity zones, would the project, due to slope, prevailing winds, and other factors, exacerbate wildfire risks and thereby expose project occupants to pollutant concentrations from a wildfire or the uncontrolled spread of a wildfire?

c. If located in or near state responsibility areas or lands classified as very high fire hazard severity zones, would the project require the installation or maintenance of associated infrastructure (such as roads, fuel breaks, emergency water sources, power lines or other utilities) that may exacerbate fire risk or that may result in temporary or ongoing impacts to the environment?

d. If located in or near state responsibility areas or lands classified as very high fire hazard severity zones, would the project expose people or structures to significant risks, including downslopes or downstream flooding or landslides, as a result of runoff, post-fire slope instability, or drainage changes?

The proposed project is not located in or near SRA or lands classified as a VHFSZ (CAL FIRE 2022). The closest VHFSZ is approximately seven miles to the northeast and the closest SRA is approximately 5.4 miles to the northeast (CAL FIRE 2022). The proposed project consists of a 58-unit apartment building for homeless individuals within a developed urban area that is relatively flat. Implementation of the proposed project would not interfere with existing emergency evacuation plans or emergency response plans in the area, would not exacerbate wildfire risk, and would not expose people or structures to downslope or downstream flooding or landslides due to runoff, post-fire slope instability, or drainage changes. In addition, the project would not involve the construction of new roads that could exacerbate wildfire risk or result in temporary or ongoing impacts to the environment. The project would also comply with the latest 2022 California Building Standards Code (CCR, Title 24, Parts 1 through 12), including the California Building Code (CCR, Title 24, Part 2) and California Fire Code (CCR, Title 24, Part 9), which establish provisions for fire safety related to construction, maintenance and design of buildings and land uses. Impacts would be less than significant.

LESS THAN SIGNIFICANT IMPACT

21 Mandatory Findings of Significance

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

a. Does the project have the potential to substantially degrade the quality of the environment, substantially reduce the habitat of a fish or wildlife species, cause a fish or wildlife population to drop below self-sustaining levels, threaten to eliminate a plant or animal community, substantially reduce the number or restrict the range of a rare or endangered plant or animal or eliminate important examples of the major periods of California history or prehistory?

As discussed in Section 4, *Biological Resources*, there are no mapped essential habitat connectivity areas in the immediate vicinity of the project site. In addition, regional wildlife movement is restricted given the built-out nature of the project area surroundings, and no native resident or migratory fish or wildlife species, established native resident or migratory wildlife corridors, or native wildlife nursery sites exist on the project site. However, the site currently contains mature trees which may provide nesting habitat for birds. Therefore, Mitigation Measure BIO-1 would be implemented to avoid impacts to protected birds. As discussed in Section 5, *Cultural Resources* the

proposed project would have a less than significant impact to cultural resources and tribal cultural resources with implementation of Mitigation Measures CR-1 and TCR-1 which require adherence to existing local, State, and federal regulations related to the discovery of any unanticipated archaeological resources and tribal cultural resources during construction activity. Furthermore, as discussed in Section 7, *Geology and Soils*, impacts related to on paleontological resources would be less than significant with implementation ofGEO-2, which would require that a Qualified Paleontologist conduct a Worker Environmental Awareness Program prior to the start of construction. The Worker Environmental Awareness Program would instruct construction staff on the appearance of fossils and the procedures for notifying paleontological staff should fossils be discovered during ground-disturbing activities. Mitigation Measure GEO-2 also requires additional actions in the event a fossil is discovered, such as establishment of a 50-foot buffer around the find until a Qualified Professional Paleontologist can examine the find.

Therefore, the proposed project would not substantially degrade the quality of the environment, substantially reduce the habitat of a fish or wildlife species, cause a fish or wildlife population to drop below self-sustaining levels, threaten to eliminate a plant or animal community, substantially reduce the number, or restrict the range of a rare or endangered plant or animal or eliminate important examples of the major periods of California history or prehistory. Impacts would be less than significant with the mitigation identified in this document.

LESS THAN SIGNIFICANT WITH MITIGATION INCORPORATED

b. Does the project have impacts that are individually limited, but cumulatively considerable? ("Cumulatively considerable" means that the incremental effects of a project are considerable when viewed in connection with the effects of past projects, the effects of other current projects, and the effects of probable future projects)?

As concluded in Sections 1 through 20, the project would have no impact, a less than significant impact, or a less than significant impact with mitigation incorporated, with respect to all environmental issues considered in this document. Cumulative impacts of several resource areas have been addressed in the individual resource sections, including Air Quality, Greenhouse Gases, Noise, and Transportation/Traffic (see CEQA Guidelines Section 15064(h)(3)). As discussed in Section 1, *Air Quality*, and Section 7, *Greenhouse Gas Emissions*, the proposed project would result in less than significant impacts associated with air quality and greenhouse gas emissions.

Other resource areas (agricultural and mineral) were determined to have no impact in comparison to existing conditions. Others, such as Section 15, *Public Services*, Section 16, *Recreation*, and Section 19, *Utilities and Service Systems*, were determined to have less than significant impacts. Therefore, the project would not contribute to cumulative impacts related to these issues. Other issues (e.g., geology, hazards, and hazardous materials) are by their nature project specific and impacts at one location do not add to impacts at other locations or create additive impacts. As such, cumulative impacts would be less than significant (not cumulatively considerable).

LESS THAN SIGNIFICANT IMPACT

c. Does the project have environmental effects which will cause substantial adverse effects on human beings, either directly or indirectly?

In general, impacts to human beings are associated with air quality, hazards and hazardous materials, and noise impacts. As detailed in analyses for air quality, hazard and hazardous material and noise, the proposed project would not result, either directly or indirectly, in adverse hazards related to air quality or noise. Compliance with applicable rules and regulations would reduce potential impacts on human beings to a less than significant level.

LESS THAN SIGNIFICANT IMPACT

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List of Preparers

Rincon Consultants, Inc. prepared this IS-MND under contract to The Salvation Army. Persons involved in data gathering analysis, project management, and quality control are listed below.

RINCON CONSULTANTS, INC.

Deanna Hansen, Principal-in-Charge
Vanessa Villanueva, Project Manager/Senior Environmental Planner
Ryan Thacher, Director – Environmental and Earth Systems
Susanne Huerta, Director – Environmental Planning
Steven Treffers, Director – Cultural Resources
Breana Campbell-King, Senior Supervising Archaeologist
Lisa Bestard, Supervising Environmental Scientist
Aubrey Mescher, Supervising Planner
Jennifer DiCenzo, Senior Archaeologist
Austin Moore, Environmental Scientist
Jonathan Bridgeman, Environmental Scientist
Andrew McGrath, Archaeologist
Robert Guardado, Archaeologist
Rachel Irvine, Environmental Planner

Appendix A

Phase I Environmental Site Assessment



Phase I Environmental Site Assessment

Bell Oasis II
Portion of 5600 Rickenbacker Road
Bell, California

prepared for

The Salvation Army

prepared by

Rincon Consultants, Inc.

January 17, 2022

RINCON CONSULTANTS, INC.
Environmental Scientists | Planners | Engineers
rinconconsultants.com

Rincon Consultants, Inc.

250 East 1st Street, Suite 1400
Los Angeles, California 90012

213 788 4842 OFFICE AND FAX

info@rinconconsultants.com
www.rinconconsultants.com

January 17, 2022
Project No.: 21-12270

Captain J Koebel, The Salvation Army
c/o Stacey Estes, Consultant to The Salvation Army
16941 Keegan Avenue
Carson, California 90746
Via email: staceylestes@aol.com

Subject: Phase I Environmental Site Assessment, Bell Oasis II, Portion of 5600 Rickenbacker Road, Bell, California

Dear Captain Koebel:

This report presents the findings of a Phase I Environmental Site Assessment (ESA) completed by Rincon Consultants, Inc. (Rincon) for the Bell Oasis II property, a portion of 5600 Rickenbacker Road in Bell, California. The Phase I ESA was performed in accordance with our proposal dated December 7, 2021 and authorization to proceed on December 30, 2021.

The accompanying report presents our findings and provides an opinion regarding the presence of recognized environmental conditions in connection with the subject property. Our work program for this project, as referenced in our contract, is intended to meet the guidelines outlined in the American Society for Testing and Materials (ASTM), Standard Practice for Environmental Site Assessments: *Phase I Environmental Site Assessment Process* (ASTM Standard E1527-13 and E1527-21). Our scope of services, pursuant to ASTM practice, did not include any inquiries with respect to asbestos-containing building materials unrelated to releases into the environment; biological agents; cultural and historic resources; ecological resources; endangered species; health and safety; indoor air quality unrelated to releases of hazardous substances or petroleum products into the environment; industrial hygiene; lead-based paint unrelated to releases into the environment; lead in drinking water; mold or microbial growth conditions; PCB-containing building materials (e.g., interior fluorescent light ballasts, paint, and caulk); naturally-occurring radon; regulatory compliance; substances not defined as hazardous substances (including some substances sometimes generally referred to as emerging contaminants) unless or until such substances are classified as a CERCLA hazardous substance; and wetlands.

Thank you for selecting Rincon for this project. If you have any questions, or if we can be of any future assistance, please contact us.

Sincerely,
Rincon Consultants, Inc.

Julie Lynne Welch
Director of Due Diligence

Ryan Thacher, PhD, PE
Director of Site Assessment and Remediation

Savanna Vrevich
Environmental Scientist

Table of Contents

Executive Summary 1
1 Introduction 2
1.1 Purpose and Definitions 4
1.2 Scope of Services 5
1.3 Significant Assumptions, Limitations, Deviations, Exceptions, Special Terms, and Conditions 6
1.4 ASTM Deviations 7
1.5 User Reliance 7
1.6 Site Description 7
2 User-Provided Information and Responsibilities 11
2.1 Review Land Title Records and Judicial Records for Environmental Liens and Activity and Use Limitations 11
2.2 User Questionnaire 11
2.3 User-Provided Information of Concern 14
3 Records Review 15
3.1 Physical Setting Sources 15
3.2 Government Record Sources 15
3.3 Review of Agency Files 23
3.4 Review of State of California Geologic Energy Management Division (CalGEM) Records 27
3.5 Review of City of Los Angeles Information Regarding Methane Zones 27
3.6 Review of National Pipeline Mapping System Records 28
3.7 Review of California Statewide PFAS Investigation 28
3.8 Records Review Information of Concern 28
4 Historical Records 30
4.1 Methodology 30
4.2 Summary of Subject Property and Adjacent Historical Uses 31
4.3 Gaps in Historical Sources 35
4.4 Historical Use Information of Concern 35
5 Interviews 36
5.1 Interview Summary 36
5.2 Interview Information of Concern 37
6 Site Reconnaissance 38
6.1 Methodology and Limiting Conditions 38
6.2 General Subject Property Information 38

6.3 Interior and/or Exterior Observations 39
6.4 Site Reconnaissance Information of Concern 43
7 Potential Vapor Migration 44
7.1 Petroleum Hydrocarbons 44
7.2 Other COCs 45
7.3 Vapor Intrusion Information of Concern 45
8 Evaluation 46
8.1 Significant Data Gaps 46
9 References 50
10 Signatures of Environmental Professionals 52
11 Qualifications of Environmental Consultants 53

Tables

Table 1 Current Uses of Adjacent Properties 7
Table 2 Database Listing Summary of the Subject Property and Select Sites Within One-Eighth Mile of the Subject Property 17
Table 3 Historical Use of the Subject Property and Adjoining Properties 31
Table 4 Interior and/or Exterior Observations 39
Table 5 Findings, Opinions, Conclusions, and Recommendations 47

Figures

Figure 1 Vicinity 3
Figure 2 Subject Property 8
Figure 3 Adjacent Land Use 9

Photographs

Photographs 1-4 41
Photographs 5-8 42

Appendices

Appendix A Interview Documentation
Appendix B Regulatory Records Search
Appendix C Historical Research Documentation

Executive Summary

This report presents the findings of a Phase I Environmental Site Assessment (ESA) for the Bell Oasis II property, a portion of 5600 Rickenbacker Road in Bell, California (subject property). The Phase I ESA was performed for The Salvation Army by Rincon Consultants, Inc. (Rincon). The Salvation Army has requested this assessment and will use the information for the purpose of obtaining funding for the subject property. The subject property is currently a partially paved, vacant lot. A concrete stormwater channel traverses the southern portion of the subject property in an east-west direction. The subject property is located in an area that is primarily composed of commercial and industrial land uses. Properties in the vicinity of the subject property include multi-family residences, private offices, railroad tracks, and industrial buildings (warehouses and manufacturing facilities).

During the completion of this Phase I ESA, Rincon performed a site reconnaissance and interviews with The Salvation Army, the user of the report and owner of the subject property. In addition, Rincon reviewed potential vapor migration sources, online agency records, and historical records: including aerial photographs, topographic maps, city directories, fire insurance maps, and building permits.

Also, The Salvation Army (the user and the owner of the subject property) completed questionnaires regarding the subject property and vicinity. The Salvation Army provided several documents for our review, including a title report. A lien search was not provided by The Salvation Army.

Substantial deviations, data gaps, and deviations resulting in possible data gaps were not encountered during the preparation of this report.

Based on the findings of this Phase I ESA, it is our opinion that there are Recognized Environmental Conditions (RECs) in connection with the subject property as follows.

Recognized Environmental Conditions

1. Southern adjacent railroad tracks for over 80 years
2. Southern adjacent open release case (Valspar site – 5501 East Slauson Avenue) with volatile organic compound (VOC)-impacted soil vapor and groundwater

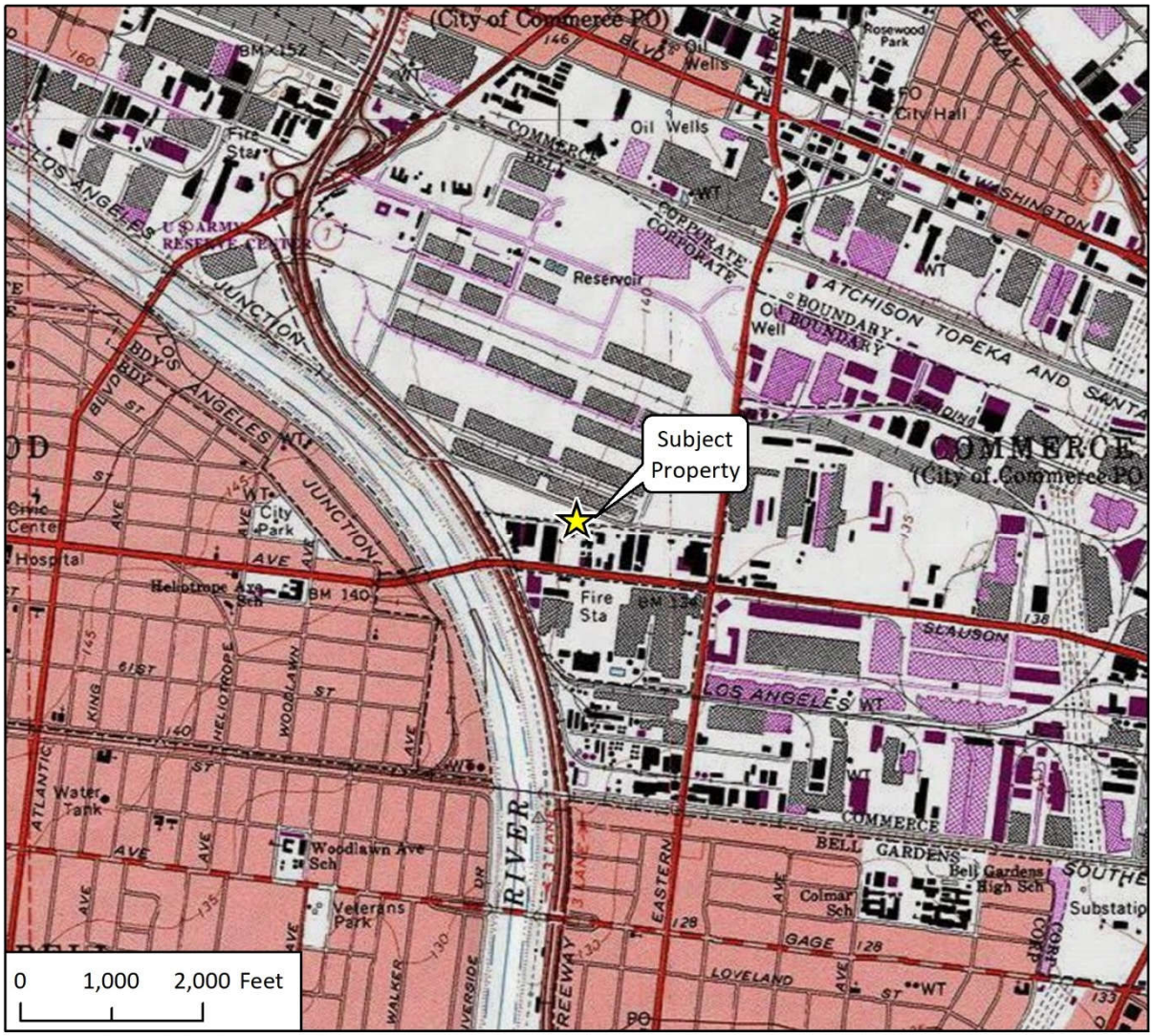
To evaluate the potential subject property impact associated with the southern adjacent railroad tracks, Rincon recommends conducting a subsurface investigation.

To evaluate the potential subject property impact associated with the southern adjacent open release case (Valspar site – 5501 East Slauson Avenue) with VOC-impacted soil vapor and groundwater, Rincon recommends conducting a soil vapor assessment at the subject property.

1 Introduction

This report presents the findings of a Phase I Environmental Site Assessment (ESA) conducted for the Bell Oasis II property, a portion of 5600 Rickenbacker Road in Bell, California (subject property; Figure 1). The Phase I ESA was performed by Rincon Consultants, Inc. (Rincon) for The Salvation Army (Client) in general conformance with American Society for Testing and Materials (ASTM) E1527-13 and E1527-21, our proposal dated December 7, 2021, and our authorization to proceed on December 30, 2021. The following sections present our findings and provide our opinion as to the presence of recognized environmental conditions (RECs) on the subject property.

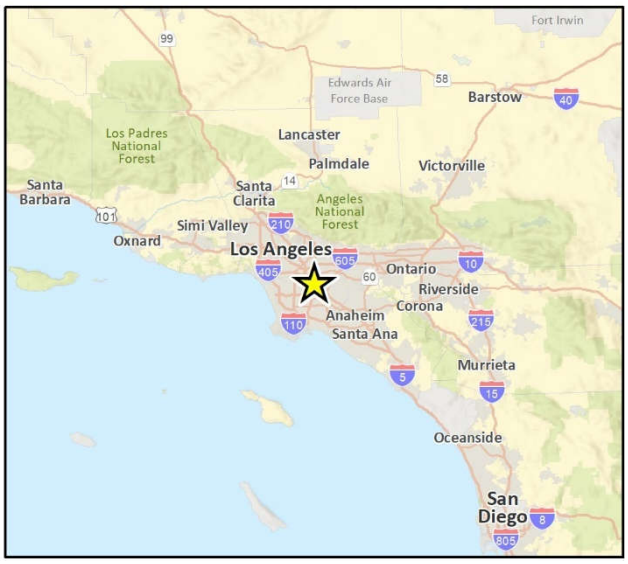
Figure 1 Vicinity



Imagery provided by National Geographic Society, Esri and its licensors © 2022. The topographic representation depicted in this map may not portray all of the features currently found in the vicinity today and/or features depicted in this map may have changed since the original topographic map was assembled.

Project Location

N



PNFig 1 Vicinity Map

1.1 Purpose and Definitions

The Salvation Army has requested this assessment and will use the information for the purpose of obtaining funding for the subject property. The purpose of this Phase I ESA was to determine if there are RECs on the subject property, taking into account commonly and reasonably ascertainable information and to qualify for Landowner Liability Protections under the Brownfields Amendments to the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA).

Recognized Environmental Condition (REC)

A REC is defined pursuant to ASTM E1527-21 as,

> "(1) the presence of hazardous substances or petroleum products in, on, or at the subject property due to a release to the environment;
>
> (2) 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
>
> (3) 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".

As stated in ASTM E1527-21,

> "likely is that which is neither certain nor proved, but can be expected or believed by a reasonable observer based on the logic and/or experience of the environmental professional, and/or available evidence, as stated in the report to support the opinions given therein".

Controlled REC

A Controlled REC is defined pursuant to ASTM E1527-21 as,

> "recognized environmental condition 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 implementation of required controls (for example, activity and use limitations or other property use limitations)".

Historical REC

A Historical REC is defined pursuant to ASTM E1527-21 as,

> "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). A historical recognized environmental condition is not a recognized environmental condition".

De minimis

A *de minimis* condition is defined pursuant to ASTM E1527-21 as,

> "a condition related to a release that generally does not present a threat to human health or the environment and that generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies. A condition determined to be a de minimis

condition is not a recognized environmental condition nor a controlled recognized environmental condition".

Property Use Limitation

A Property Use Limitation (PUL) is defined pursuant to ASTM E1527-21 as,

> "a limitation or restriction on current or future use of a property in connection with a response to a release, in accordance with the applicable regulatory authority or authorities that allows hazardous substances or petroleum products to remain in place at concentrations exceeding unrestricted use criteria".

Significant Data Gap

A Significant Data Gap is defined pursuant to ASTM E1527-21 as,

> "a data gap that affects the ability of the environmental professional to identify a recognized environmental condition".

Notable Finding

Although not defined by ASTM E1527-13 or E1527-21, Rincon utilizes the term *Notable Finding* for potential environmental concerns present at or possibly present at a property that do not specifically fit one of the above ASTM-defined situations, yet may impact current or future use of the subject property.

1.2 Scope of Services

The scope of services conducted during this study is outlined below:

- Performed a reconnaissance of the subject property to identify obvious indicators of the existence of hazardous materials.
- Observed adjacent or nearby properties from public thoroughfares in an attempt to see if such properties are likely to use, store, generate, or dispose of hazardous materials.
- Obtained and reviewed an environmental records database search to obtain information about the potential for hazardous materials to exist at the subject property or at properties located in the vicinity of the subject property.
- Reviewed files for the subject property and immediately adjacent properties as identified in the database report, as applicable.
- Reviewed the current United States Geological Survey (USGS) topographic map to obtain information about the subject property and regional topography and uses of the subject property and surrounding sites.
- Reviewed additional pertinent record sources (e.g., California Geologic Energy Management Division [CalGEM] records, online databases of hazardous substance release sites), as necessary, to identify the presence of RECs at the subject property.
- Reviewed the California State Water Resources Control Board (SWRCB) Statewide Per- and Polyfluoroalkyl Substances (PFAS) Investigation online Public Map Viewer regarding current PFAS orders issued to facilities located in the vicinity of the subject property.

- Reviewed reasonably ascertainable historical resources (e.g., aerial photographs, topographic maps, fire insurance maps, city directories) to assess the historical land use of the subject property and adjacent properties.
- Provided a user interview questionnaire to a representative of Client, the user of the Phase I ESA.
- Provided a property owner interview questionnaire to the property owner or a designated subject property representative identified to Rincon by Client.
- Conducted interviews with other property representatives (e.g., key site manager, occupants), as applicable.
- Reviewed available Client-provided information (e.g., previous environmental reports, title documentation).
- Requested Title Search Information Reports from the User of the report.

1.3 Significant Assumptions, Limitations, Deviations, Exceptions, Special Terms, and Conditions

This work is intended to adhere to good commercial, customary, and generally accepted environmental investigation practices for similar investigations conducted at this time and in this geographic area. No guarantee or warranties, expressed or implied, are provided. The findings and opinions conveyed in this report are based on findings derived from a site reconnaissance, review of an environmental database report, specified regulatory records and historical sources, and comments made by interviewees. This report is not intended as a comprehensive site characterization and should not be construed as such. Standard data sources relied upon during the completion of Phase I ESAs may vary with regard to accuracy and completeness. Although Rincon believes the data sources are reasonably reliable, Rincon cannot and does not guarantee the authenticity or reliability of the data sources it has used. Additionally, pursuant to our contract, the data sources reviewed included only those that are practically reviewable without the need for extraordinary research.

Rincon has not found evidence that hazardous materials or petroleum products exist at the subject property at levels likely to warrant mitigation. Rincon does not under any circumstances warrant or guarantee that not finding evidence of hazardous materials or petroleum products means that hazardous materials or petroleum products do not exist on the subject property. Additional research, including surface or subsurface sampling and analysis, can reduce The Salvation Army's risks, but no techniques commonly employed can eliminate these risks altogether.

In addition, pursuant to ASTM E1527-13 and E1527-21 practice, our scope of services did not include any inquiries with respect to asbestos-containing building materials unrelated to releases into the environment; biological agents; cultural and historic resources; ecological resources; endangered species; health and safety; indoor air quality unrelated to releases of hazardous substances or petroleum products into the environment; industrial hygiene; lead-based paint unrelated to releases into the environment; lead in drinking water; mold or microbial growth conditions; polychlorinated biphenyl (PCB)-containing building materials (e.g., interior fluorescent light ballasts, paint, and caulk); naturally-occurring radon; regulatory compliance; substances not defined as hazardous substances (including some substances sometimes generally referred to as emerging contaminants) unless or until such substances are classified as a CERCLA hazardous substance; and wetlands.

1.4 ASTM Deviations

Deviations from ASTM E1527-13 and E1527-21 practice were not encountered during the completion of this Phase I ESA. A lien search was not completed as part of this assessment; however, one was requested from the user.

1.5 User Reliance

The Salvation Army has requested this assessment and will use the information for the purpose of obtaining funding for the subject property. This Phase I ESA was prepared for use solely and exclusively by The Salvation Army and the Los Angeles Community Development Authority. No other use or disclosure is intended or authorized by Rincon. Also, this report is issued with the understanding that it is to be used only in its entirety. It is intended for use only by The Salvation Army and the Los Angeles Community Development Authority, and no other person or entity may rely upon the report without the express written consent of Rincon.

1.6 Site Description

Location

The subject property measures approximately 72,000 square feet and is located south of K Street in Bell, California (Figure 2). The property is identified as a portion of 5600 Rickenbacker Road and Assessor's Parcel Numbers (APNs) 6332-002-037 and -090.

Subject Property and Vicinity General Characteristics

The subject property is currently a partially paved, vacant lot. A concrete stormwater channel traverses the southern portion of the subject property in an east-west direction.

The subject property is located in an area that is primarily composed of commercial and light industrial land uses. Properties in the vicinity of the subject property include multi-family residences, private offices, railroad tracks, and light industrial buildings (warehouses). The current adjacent land uses are described in Table 1 and depicted on Figure 3.

Table 1 Current Uses of Adjacent Properties

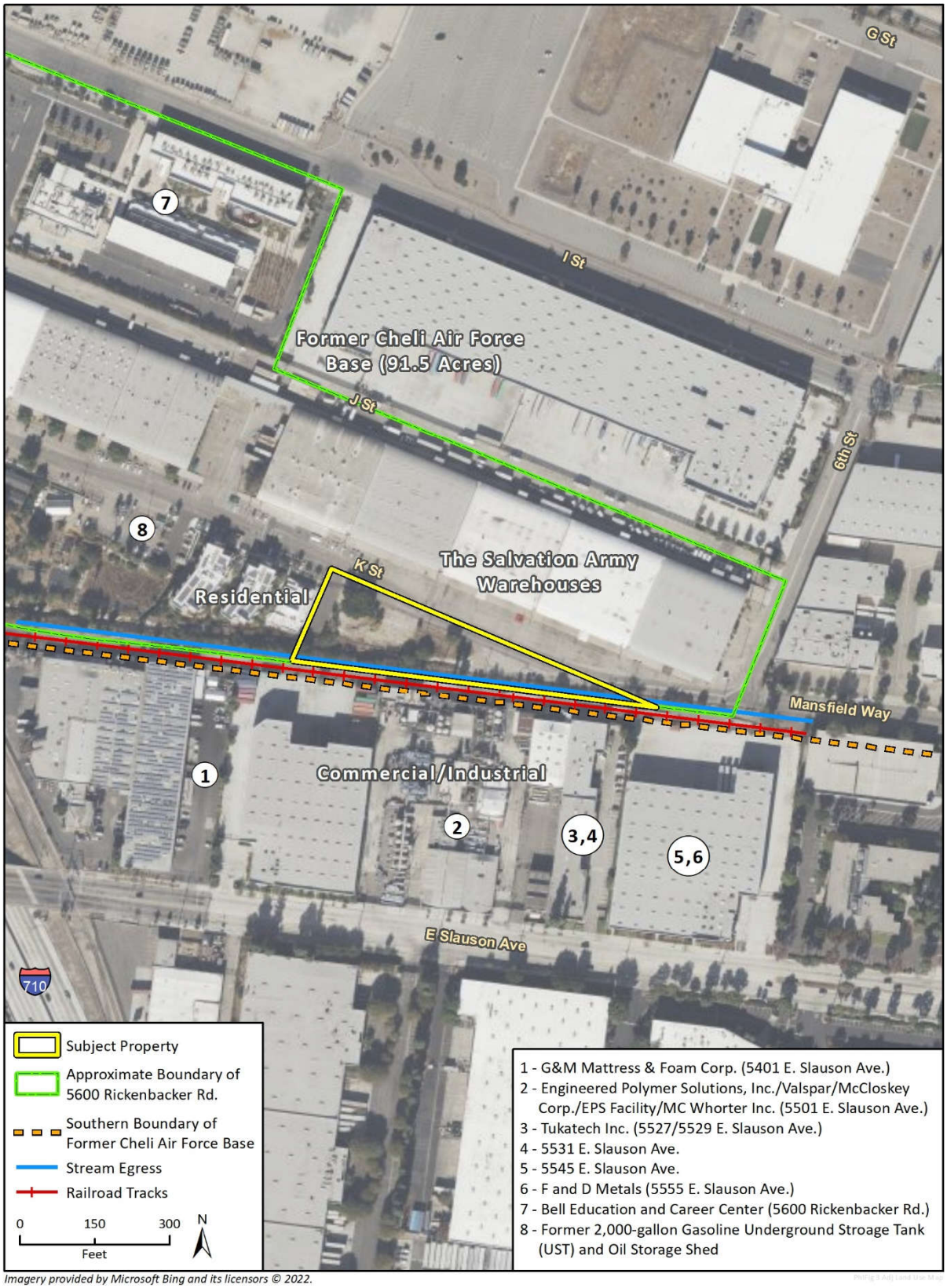
Area	Use
Northern Properties	K Street followed by The Salvation Army warehouses
Eastern Properties	K Street and railroad tracks
Southern Properties	Railroad tracks followed by industrial buildings, including a resin manufacturing facility
Western Properties	Multi-family residential buildings and a concrete stormwater channel

Figure 2 Subject Property



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Figure 3 Adjacent Land Use



Imagery provided by Microsoft Bing and its licensors © 2022.

Descriptions of Structures, Roads, and Other Improvements on the Subject Property

During the site reconnaissance, no structures, roads, or improvements other than an area of asphalt pavement were observed on the subject property.

A chain-link fence was noted around the perimeter of the subject property.

K Street is located adjacent to the north of the subject property. Access to the subject property is available from K Street.

The following utility providers service the subject property area:

- Electrical Service – Southern California Edison
- Natural Gas Service – Southern California Gas Company
- Water Service – California Water Service
- Sewer Service – City of Bell
- Solid Waste Service – Republic Services

2 User-Provided Information and Responsibilities

2.1 Review Land Title Records and Judicial Records for Environmental Liens and Activity and Use Limitations

Rincon requested title search information reports from the User of the report. Pursuant to ASTM E1527-21,

> "the title search information reports shall identify environmental covenants, environmental easements, land use covenant and agreements, declaration of environmental land use restrictions, environmental land use controls, environmental use controls, environmental liens, or any other recorded instrument that restricts, affects, or encumbers the title to the subject property due to restrictions or encumbrances associated with the presence of hazardous substances or petroleum products. Title search information reports shall review land title records for documents recorded between 1980 and the present. If judicial records are not reviewed, the title search information report shall include a statement providing that the law or custom in the jurisdiction at issue does not require a search for judicial records in order to identify environmental liens".
>
> As stated in ASTM E1527-21 it is the "user's responsibility to search for environmental liens and activity and land use limitations (AULs)". This is in "addition to the environmental professional's search of institutional control and engineering control registries described in" ASTM E1527-21 Section 8.2.

A copy of the title search information records provided by the User is included in Appendix A. Based on our review of the title search information records, the title to the subject property is vested in The Salvation Army and easements/right of ways for drainage, utility, and access purposes are present on the subject property.

2.2 User Questionnaire

As described in ASTM E1527-13 Section 6 and E1527-21 Section 6, a User Questionnaire as provided by ASTM E1527-13 Appendix X3 and E1527-21 Appendix X3 was provided to The Salvation Army. The purpose of the User Questionnaire is for the User of the Phase I ESA to provide actual knowledge pertaining to the subject property to help identify RECs. Steve Lytle, Director with The Salvation Army Bell Shelter, completed the User Questionnaire on January 9, 2022. A copy of the completed questionnaire is included as Appendix A.

Based on our review of the completed questionnaire, Mr. Lytle indicated the following:

- The Phase I ESA is being performed because The Salvation Army is applying for capital funding in anticipation of construction of 57 units of permanent housing on the subject property, plus one manager's unit.

- A lease by Limited Partnership, of which The Salvation Army is the General Partner, is planned for the subject property.
- A previous Phase I ESA completed for the subject property by Rincon in 2015 and a title report are available for the subject property and are summarized below.

Based on our review of the completed questionnaire, Mr. Lytle reviewed the following sources of information and is unaware of information regarding the following:

- Title Report that identifies information pertaining to environmental cleanup liens or AULs for the subject property

Based on our review of the completed questionnaire, Mr. Lytle did not review the following sources of information and is unaware of information regarding the following:

- Recorded land title records (or judicial records, where appropriate) that identify any environmental liens filed or recorded against the subject property
- Recorded land title records (or judicial records, where appropriate) that identify any AULs, such as engineering controls, land use restrictions or institutional controls that are in place at the property and/or have been filed or recorded against the subject property under federal, tribal, state, or local law

Based on our review of the completed questionnaire, Mr. Lytle is unaware of information regarding the following:

- Specialized knowledge or experience related to the subject property or nearby properties
- Reduction in value for the subject property relative to any known environmental issues
- Commonly known or reasonably ascertainable information about the subject property that would help the environmental professional to identify conditions indicative of releases or threatened releases
- Obvious indicators that point to the presence or likely presence of releases at the subject property
- Pending, threatened, or past litigation relevant to hazardous substances or petroleum products, in, on, or from the subject property
- Pending, threatened, or past administrative proceedings relevant to hazardous substances or petroleum products in, on, or from the subject property
- Notice from any government entity regarding any possible violation of environmental laws or possible liability relating to hazardous substances or petroleum products

The following document regarding the subject property and western adjacent property was provided by The Salvation Army:

- *Phase I ESA, Proposed Supportive Housing Apartment Complex, Portion of 5600 Rickenbacker Road, South of K Street, Bell, California* prepared by Rincon and dated October 13, 2015 – This report was prepared for the subject property and the western adjacent property ("site"). The report indicates that the site was used for agricultural purposes from approximately 1928 to 1942, a "pistol range pit," a UST, and an "oil storage shed" were formerly present on the neighboring property to the west, and railroad tracks are located nearby to the site. The 2015 report concluded that the former agricultural use of the site was considered a potential environmental condition, and the former "oil storage shed" was considered de minimis based

on non-detect soil samples collected by Kanoa Company in 2003 in the vicinity of the former "shed." In addition, although lead was detected in shallow soil samples collected from the former "pistol range pit," the "pit" was considered de minimis based on the distance from the site and its cross-gradient location relative to the site. The 2015 report also concluded that the former UST and oil storage shed were considered de minimis based on non-detect soil samples collected from the tank excavation and beneath the oil storage shed, distance of the UST and oil storage shed from the site, and the cross-gradient location relative to the site. In addition, the report concluded that the nearby railroad tracks were considered de minimis based on the distance from the proposed development portion of the site.

The following documents regarding adjacent/nearby properties were provided by The Salvation Army:

- *Phase I ESA, Salvation Army Bell Shelter, 5600 Rickenbacker Road (Portion South of "K" Street)* prepared by Rincon and dated February 22, 2005 – This report was prepared for a nearby property located approximately 280 feet to the west of the subject property. The findings of the 2005 report included the following environmental conditions: the former presence of an underground storage tank (UST) and dispenser on the site, the former presence of a pistol range pit on the western neighboring property, and the former use of the site for agricultural purposes. According to the 2005 report, the former pistol range pit was considered a recognized environmental condition, the "lack of soil testing for methyl-tertiary-butyl-ether [MTBE] in the vicinity of the former UST" was considered a suspect environmental condition, and the former site use for agricultural purposes was considered a suspect environmental condition.

- *Initial Study and Mitigated Negative Declaration, The Salvation Army Bell Oasis Apartments, 5600 Rickenbacker Road, Bell, California* prepared by Blodgett Baylosis Environmental Planning for the City of Bell and dated April 5, 2016 – This report was prepared for the western adjacent property ("site"). The report indicates that "while the proposed project's operational impacts related to hazardous materials are not considered to represent a significant adverse impact, hazardous materials may be encountered during the construction phases."

- *Phase I ESA, Proposed Supportive Housing Apartment Complex, Portion of 5600 Rickenbacker Road, South of K Street, Bell, California* prepared by Rincon and dated October 20, 2016 – This report was prepared for the western adjacent property ("site"). The findings for the site remained the same as the 2015 Phase I ESA; however, the 2016 report concluded that because the site has not been in agricultural use for at least 74 years, it is likely that the levels of pesticides onsite (if any) would have diminished over time. The 2016 report also concluded that the former UST and oil storage shed were considered a Historical REC, based on regulatory agency case closure and non-detect soil samples collected from the tank excavation and beneath the oil storage shed. In addition, the 2016 report concluded that the nearby railroad tracks were considered a potential REC based on hydrocarbons, metals, herbicides, and semi-volatile organic compounds (creosote, naphthalene) from the railroad activities that are potentially present in the soils surrounding the railroad tracks.

- *Phase I ESA and Asbestos-Containing Materials and Lead-Based Paint Survey, 5600 Rickenbacker Road, Bell, California* prepared by Rincon and dated November 16, 2020 – This report was prepared for a northern adjacent property across K Street that was developed with a warehouse ("site"). The 2020 report noted the site was part of a larger Military Reservation from 1947 to 1961. The following findings were identified:

- REC: Former presence of railroad spurs on the northern portion of the site
- Potential REC: Presence of a hydraulic scale/vault on the site
- Notable Finding: Age of the existing structure on the site

Rincon noted in the report that based on the historical use of the site as a military facility, the environmental conditions identified in the report may be underestimated. Additionally, the report concluded that an October 2020 asbestos-containing materials (ACM) and lead-based paint (LBP) survey conducted at the site identified ACM in several building materials; LBP and lead-containing materials were not identified.

2.3 User-Provided Information of Concern

Based on the information obtained during our review of user-provided documents, the following conditions have the potential to impact the subject property:

Subject Property

- Former agricultural use from approximately 1928 to 1942

Nearby Properties

- Nearby railroad tracks to the south
- "Pistol range pit," UST, and "oil storage shed" formerly present on a nearby property to the west

3 Records Review

3.1 Physical Setting Sources

Topography

The current USGS topographic map (South Gate Quadrangle, 2015) indicates that the subject property is situated at an elevation of approximately 140 feet above mean sea level with relatively flat topography. The adjacent topography consists of relatively flat land and the Los Angeles River is located approximately 1,000 feet to the west. A copy of the current USGS topographic map is included in Appendix C (ERIS 2021).

Geology and Hydrogeology

According to the California Geological Survey (CGS 2016), the subject property is underlain by young alluvium, which is described as unconsolidated alluvium, lake, playa, and terrace deposits.

During the preparation of this Phase I ESA, we reviewed the California SWRCB's online GeoTracker database to determine groundwater flow direction in the vicinity of the subject property. Groundwater is reported to be between 120 and 127 feet below ground surface (bgs) and flows toward the southeast at a southern adjacent property (Sherwin-Williams Engineered Polymer Solutions Facility, 5501 East Slauson Avenue, Commerce, California) (AECOM 2021).

3.2 Government Record Sources

Rincon outsourced with a regulatory database search contractor to obtain records of sites that generate, store, treat, or dispose of hazardous materials and sites for which a hazardous material release incident has occurred. The regulatory database search was conducted for the subject property and included data from surrounding sites within specified radii of the property. A copy of the database report, which specifies the ASTM E1527-13 and ASTM E1527-21 search distance for each public list, is included as Appendix B. As shown on the database report, federal, state, and county lists were reviewed as part of the research effort. Please refer to Appendix B for a complete listing of sites reported by Environmental Risk Information Services (ERIS) and a description of the databases reviewed.

The Map Findings Summary, included in the database report, provides a summary of the databases searched, the number of reported facilities within the search radii, and whether the facility is located onsite or adjacent to the subject property. The following information is based on our review of the Map Findings Summary and the information contained in the database report.

Subject Property

The subject property was listed on various databases as discussed in Table 2 below.

Offsite Properties

Offsite properties listed in the database report fall under two general categories of databases: those reporting unauthorized releases of hazardous substances (e.g., Leaking Underground Storage Tank [LUST], National Priority List [a.k.a. Superfund sites], and corrective action facilities), and those

reported as businesses permitted to use hazardous materials or generate hazardous wastes, for which an unauthorized release has not been reported to a regulatory agency.

Rincon reviewed the database maps and select detailed listings to evaluate their potential to impact the subject property, based on the following factors:

- Reported distance of the facility from the subject property;
- The nature of the database on which the facility is listed, and/or whether the facility was listed on a database reporting unauthorized releases of hazardous materials, petroleum products, or hazardous wastes;
- Reported case type (e.g., soil only, failed underground storage tank [UST] test only);
- Reported substance released (e.g., chlorinated solvents, gasoline, metals);
- Reported regulatory agency status (e.g., case closed, "no further action"); and,
- Location of the facility with respect to the reported groundwater flow direction (discussed in the Geology and Hydrogeology section of this report)

Facilities/properties that were interpreted by Rincon to be of potential environmental concern to the subject property, based on one or more of the factors listed above, are summarized in Table 2. In accordance with ASTM E1527-13 and E1527-21, contamination migration pathways in soil, groundwater, and soil vapor were considered in our analysis of offsite properties of potential environmental concern.

Orphan Listings

The database report identified four orphan or unmapped site listings, which were unable to be plotted due to insufficient address information. Based on Rincon's review of the limited address information or site descriptions for the orphan listings, none of the listings are expected to impact the subject property.

Table 2 Database Listing Summary of the Subject Property and Select Sites Within One-Eighth Mile of the Subject Property

Site Name	Database Site ID	Site Address	Distance from Subject Property	Database Reference	Comments
Subject Property*					
Cheli Air Force Base	1	Bell, California	Subject Property and Adjacent and Nearby Properties to the North, East, and West (91.5 Acres)	FUDS	The 91.5-acre facility, including the subject property was acquired in 1943 for a U.S. Army air field and was transferred to the U.S. Air Force when the Air Force became a separate branch. Currently, approximately 27 acres remain the property of the U.S. Army Reserves and the remaining area (including the subject property) is owned and used by private interests and the U.S. Postal Service. The site is not on the National Priorities List (NPL).
Federal Service Center	2	5600 Rickenbacker Road	Subject Property	HMS LA	The facility has an "equipment removed" status.
				HHSS, HIST TANK	The facility had one 500-gallon gasoline UST from at least 1941 to 1988.
ZA Supply Depot, Veterans Affairs Supply Depot	2	5600 Rickenbacker Road	Subject Property	HAZNET	The facility has an inactive status as of 1998 and 2000.
General Service Administration	2	5600 Rickenbacker Road	Subject Property	HAZNET	The facility generated 0.68 tons of unspecified organic liquid mixture in 2000.
FBI Warehouse	2	5600 Rickenbacker Road	Subject Property	HAZNET	The facility generated 5.9 tons of asbestos-containing waste in 1994.
Rockwell International	2	5600 Rickenbacker Road	Subject Property	HAZNET	The facility has an inactive status as of 2000.
Salvation Army Disaster Services Department, Salvation Army, The Salvation Army EDS Warehouse	2, 3	5600 Rickenbacker Road	Subject Property	HAZNET	The facility generated onsite and disposed offsite of two tons of asbestos-containing waste in 2010 and various quantities of inorganic solid waste in 2014.
				CERS HAZ	The facility is classified as a chemical storage facility.
				CUPA LA COUNTY	The facility has an active hazardous materials/waste permit.
				ENVIROSTOR	The facility is part of the Formerly Used Defense Site (FUDS) – Cheli Air Force Base and was used for agricultural purposes from the 1920s until the mid-1940s. A Pre-CERCLA Screening Assessment was completed in

Site Name	Database Site ID	Site Address	Distance from Subject Property	Database Reference	Comments
					2018, as discussed in the Review of Agency Files section of this Phase I ESA. The screening assessment indicates that "based on the information collected, there is no actionable data to suggest that trichloroethene (TCE) is associated with the site; therefore, no further federal action is warranted." The case has a "Refer: EPA" status as of 2018.
Mark Taper (M.T.) Shelter Partnership	2	5600 Rickenbacker Road, Building 1101	Subject Property	HAZNET	The facility generated onsite and disposed offsite of various quantities of organic and inorganic solid waste in 2013.
				ENVIROSTOR	The facility is part of the FUDS – Cheli Air Force Base and was used for agricultural purposes from the 1920s until the mid-1940s. M.T. Shelter is a non-profit organization that distributes non-perishable inventory to homeless services agencies in Los Angeles. A Pre-CERCLA Screening Assessment was completed in 2018, as discussed in the Review of Agency Files section of this Phase I ESA. The screening assessment indicates that "based on the information collected, there is no actionable data to suggest that TCE is associated with the site; therefore, no further federal action is warranted." The case has a "Refer: EPA" status as of 2018.
Jet Propulsion Lab	2	5600 Rickenbacker Road	Subject Property	HAZNET	The facility generated onsite and disposed offsite of various quantities of hazardous waste, including waste oil and mixed oil and contaminated soil from site cleanup, from 1997 to 2003.
Bell Armed Forces Reserve Center	2	5600 Rickenbacker Road	Subject Property	HAZNET	The facility generated onsite and disposed offsite of various quantities of asbestos-containing waste in 2007.
				RCRA NON GEN	The facility did not generate hazardous waste in 2007.
				FINDS/FRS	The facility is enrolled in a State-managed program for hazardous materials and hazardous waste.
5600 Rickenbacker Road	2	5600 Rickenbacker Road	Subject Property	HIST MANIFEST	The facility generated onsite and disposed offsite of various quantities of laboratory waste chemicals in 1984 and asbestos-containing waste 1988.

Site Name	Database Site ID	Site Address	Distance from Subject Property	Database Reference	Comments
Sprint NXTL GSA – Bell Facility	2	5600 Rickenbacker Road	Subject Property	CUPA LA COUNTY	The facility has an inactive hazardous materials/waste permit.
Adjacent Properties					
G&M Mattress & Foam Corp.	6	5401 East Slauson Avenue	Adjacent – South	HMS LA	The facility has an active industrial waste permit.
				EMISSIONS	The facility generated emissions in at least one year.
				CUPA LA COUNTY	The facility has inactive hazardous materials/waste permits.
Engineered Polymer Solutions Inc., Valspar, McCloskey Corp. (Valspar), EPS Facility (Valspar), MC Whorter Inc.	8, 9	5501 East Slauson Avenue	Adjacent – South	RCRA TSD	The facility was a treatment, storage, and disposal site in 2020.
				RCRA LQG	The facility was a large-quantity generator of hazardous waste in 2020.
				HMIRS	Spills of hazardous materials occurred in 1996, 2007, 2014, and 2015 and were reportedly cleaned up.
				DELISTED TANK	The facility had at least one storage tank that was removed by the SWRCB in 2017.
				CLEANUP SITES	The facility is associated with two release cases: 1. A release of solvents to soil occurred in 1989 and the case has an "Open – Site Assessment" status as of 1990. 2. A release of toluene and xylene to soil and soil vapor occurred in 1989 and the case has an "Open – Remediation" status as of 2018.
				ENVIROSTOR	The facility is associated with a Tiered Permit case, which has a status of "Refer: Other Agency." No other case information was provided by ERIS or available on EnviroStor.
				HMS LA	The facility has several closed and one active industrial waste permits, and one closed UST permit.
				HHSS, HIST TANK, UST SWEEPS	The facility had 29 active and inactive USTs as of 1988: ▪ 10,000-gallon UST containing vinyl acetate ▪ 6,000-gallon UST containing butyl acrylate

Site Name	Database Site ID	Site Address	Distance from Subject Property	Database Reference	Comments
					▪ 6,000-gallon UST containing toluene (methylbenzene, aromatic hydrocarbon [low aniline]) ▪ 5,000-gallon UST containing butyl acetate, N-butyl acetate ▪ 5,000-gallon UST containing xylene, all isomers ▪ A 5,100-gallon, 6,200-gallon, and a 11,800-gallon UST containing vinyl toluene (methyl styrene) ▪ 11,800-gallon UST containing isobutyl alcohol ▪ 2,000-gallon UST containing unleaded motor vehicle fuel ▪ A 2,400-gallon and a 4,500-gallon UST containing alkyd resin ▪ A 40-gallon, a 437-gallon, a 500-gallon, a 1,257-gallon, and a 1,260-gallon UST containing wastewater (processing or industrial) ▪ A 5,000-gallon, a 5,100-gallon, four 6,000-gallon, a 6,200-gallon, three 10,000-gallon, a 11,800-gallon, and a 20,000-gallon UST containing an unknown substance
				EMISSIONS	The facility generated emissions from 1987 to 2019.
				CERS TANK	The facility is classified as a hazardous waste generator, a RCRA large-quantity hazardous waste generator, and a chemical storage facility with hazardous chemical management and aboveground petroleum storage.
				CUPA LA COUNTY	The facility has active and inactive hazardous materials/waste permits.
				RCRA NON GEN	The facility did not generate hazardous waste in 2003.
				TSCA	Chemical substances were reported by the facility in 2002.
5545 East Slauson Avenue	9	5545 East Slauson Avenue	Adjacent – South	HMS LA	The facility has a closed industrial waste permit.

Site Name	Database Site ID	Site Address	Distance from Subject Property	Database Reference	Comments
Tukatech Inc., Sprint NXTL Tukatech	10	5527 East Slauson Avenue	Adjacent – South	CUPA LA COUNTY	The facility has inactive hazardous materials/waste permits.
5529 East Slauson Avenue	11	5529 East Slauson Avenue	Adjacent – South	HMS LA	The facility has a closed industrial waste permit.
5531 East Slauson Avenue	12	5531 East Slauson Avenue	Adjacent – South	HMS LA	The facility has a closed industrial waste permit.
F and D Metals, Former Mace Metal Sales Inc., Lake Shore Products	13	5555 East Slauson Avenue	Adjacent – South	RCRA NON GEN	The facility did not generate hazardous waste in 1992.
				SML LA	The facility was listed on the Los Angeles County Site Mitigation List. No additional information provided by ERIS or available on the Los Angeles County Fire Department online lists of active and inactive regulated facilities and USTs.
				HMS LA	The facility has a closed UST permit (equipment removed) and inactive and active industrial waste permits.
				CUPA LA COUNTY	The facility has inactive hazardous materials/waste permits.
				UST SWEEPS	The facility has at least one active UST.
Upgradient Release Sites					
Bell Education and Career Center	2, 4	5600 Rickenbacker Road	Approximately 450 Feet – North	FINDS/FRS	The facility is enrolled in a State-managed program for hazardous materials and hazardous waste.
				HAZNET	The facility generated onsite and disposed offsite of various quantities of hazardous waste, including PCBs and oil-containing waste, in 2010 and 2011.
				RCRA LQG	The facility was a large-quantity generator of hazardous waste in 2009.
				ENVIROSTOR, SCH	A School Property Evaluation (SCH)/cleanup of arsenic and polycyclic aromatic hydrocarbons (PAHs) in soil occurred at this site. The California Department of Toxic Substances Control (DTSC) approved the Removal Action Completion Report with a No Further Action determination in 2010.

Site Name	Database Site ID	Site Address	Distance from Subject Property	Database Reference	Comments
Regional Sites					
Pemaco Maywood, Pemaco Chemical Corporation Former, Pemaco Superfund Site Treatment Plant	40, 46, 53	5040-5050 East Slauson Avenue, 5155 East 60th Street	Approximately 1,500 Feet – Southwest	**CERCLIS, FED ENG, FED INST, NPL, SEMS, SUPERFUND ROD, HWSS CLEANUP, HIST CORTESE, ENVIROSTOR, LUR, CALSITES**	The facility is currently an active Federal Superfund site and is on the Final NPL with engineering and institutional controls implemented. The case has an active status as of 2020 with land use restrictions. The facility is associated with a release of manufacturing chemicals (including volatile organic compounds [VOCs]) to soil, soil vapor, and groundwater. The case has an "Open – Remediation" status as of 2017.
				RCRA TSD	The facility was a treatment, storage, and disposal site in 2007.

*The subject property is a part of a larger parcel (5600 Rickenbacker Road) that is listed in databases searched by ERIS. However, based on the research conducted as part of this Phase I ESA, the listings identified for 5600 Rickenbacker Road may or may not be associated with the subject property. Further information regarding these listings is in the Review of Agency Files section of this report.

****Bold** listings indicate a release database

Regulatory agency information reviewed for the listings in the table above are summarized in the Review of Agency Files section of this report.

3.3 Review of Agency Files

As a follow-up to the database search, Rincon reviewed regulatory information for the subject property and facilities within the specified search radii that were interpreted to have the potential to impact the subject property, based on one or more factors previously discussed (e.g., distance, open case status, upgradient location, soil vapor migration).

The following is a summary of our review of regulatory information obtained from online sources (e.g., SWRCB GeoTracker database, DTSC EnviroStor database, local fire department) and/or files requested from the applicable regulatory agency, as described below.

Subject Property

As noted in Table 2 above, the subject property is a part of a larger parcel (5600 Rickenbacker Road) that is listed in databases searched by ERIS. Based on the research conducted as part of this Phase I ESA, the listings identified for 5600 Rickenbacker Road may or may not be associated with the subject property. The larger parcel (5600 Rickenbacker Road) was listed in various databases as discussed in Table 2, and select listings are as follows:

Cheli Air Force Base in Bell, California

According to the FUDS database, the 91.5-acre site (of which the subject property is a part) was acquired in 1943 for a U.S. Army air field and was transferred to the U.S. Air Force when the Air Force became a separate branch. Currently, approximately 27 acres remain the property of the U.S. Army Reserves and the remaining area (including the subject property) is owned and used by private interests and the U.S. Postal Service. The site is not on the NPL.

Federal Service Center at 5600 Rickenbacker Road

According to the HHSS and HIST TANK databases, the Federal Service Center property, identified as 5600 Rickenbacker Road, had one 500-gallon gasoline UST from at least 1941 to 1988. Records for 5600 Rickenbacker Road were searched on the Los Angeles County Department of Public Works (LADPW) Online File Review website, and the records indicate that a closure permit was issued by the LADPW for one 500-gallon gasoline UST and one 2,000-gallon gasoline UST in April 1991. A site map included in the closure permit depicts the 500-gallon UST as located approximately 1,400 feet north of the subject property and the 2,000-gallon UST as located approximately 400 feet west-northwest of the subject property. During the removal of the USTs, no holes were noted in the tanks and there were no indications of contamination in the soils excavated during removal of the USTs or beneath the dispensers. Confirmation soil samples collected following the removal of the USTs had no detectable levels of total petroleum hydrocarbons as gasoline (TPH-g), benzene, toluene, ethyl benzene and total xylenes (BTEX), or organic lead. The LADPW issued a closure letter for the UST removals in 1993.

The Salvation Army / Mark Taper Shelter Partnership at 5600 Rickenbacker Road

The Salvation Army site and the M.T. Shelter Partnership site were both listed on the EnviroStor database as part of the FUDS – Cheli Air Force Base and were used for agricultural purposes from the 1920s until the mid-1940s.

According to the EnviroStor website summary for The Salvation Army site, the site history is as follows:

> "The Kanoa Company performed a Phase I investigation on the parcels, including the [Salvation Army site], in 2002 and a Phase II in 2003. There are two permanent buildings onsite designated as Buildings 1 and Building 2, which were used for warehouse purposes.
>
> The Phase I noted several areas of interest. One area is the historical 'Firing Shelter' and 'Pistol Range Pit' located in the southern portion of the [Salvation Army site] where lead bullet fragments were shot.
>
> In 2003, Kanoa Company collected and analyzed three soil samples from 2, 5, and 10 feet bgs and determined to have lead concentrations ranging from 19 to 44 milligrams per kilogram (mg/kg). The samples were limited in number and were not collected uniformly to accurately reflect the representativeness in the pit range. PAHs were not sampled in the range. Clay pigeons have been known to contain PAHs and are used as shooting targets.
>
> Another major area of concern is the two former USTs located on the northern and western portion of the [Salvation Army site]. Of note is the former 2,000-gallon gasoline UST and oil storage shed that was located on the western portion of the [Salvation Army site]. Confirmation samples showed no detectable levels of TPH-g, BTEX, or lead. Limited soil samples were collected from three soil borings at 2, 5, and 10 feet bgs from the vicinity of the 'oil storage shed.' VOCs were not detected in any of samples.
>
> According to the Kanoa Co. Phase I ESA and Phase II, several recognized environmental hazards have been identified and sampled at the [Salvation Army site]. No VOCs or TPHs were detected in any of the samples collected. However, there are no records regarding the procedures and/or guidance used to properly collect and analyze the samples and/or confirmation samples. Historical site plans and aerial photographs show the areas of concern at the [Salvation Army site] to include onsite oil wells, dumping areas, a 'Pistol Range Pit,' and open areas located west of Buildings 2.
>
> According to the HWTS, the [Salvation Army site] has been a generator for inorganic solid waste, materials containing PCBs, asbestos-containing waste, waste oil, mixed oil waste, and other inorganic solid wastes. However, there are no hazardous waste records on the [Salvation Army site] before 2007."

According to the 2002 Phase I Investigation prepared by Kanoa Company, the subject property is located adjacent to the south of Building 1 across K Street. Based on the above site history, with the exception of lead concentrations ranging from 19 to 44 mg/kg at the historical "*Pistol Range Pit*", no detectable levels of TPH-g, BTEX, VOCs, or TPH were detected in soil on the larger parcel (5600 Rickenbacker Road).

According to the Pre-CERCLA Screening Assessment completed for the M.T. Shelter Partnership site in 2018, the 5600 Rickenbacker Road address was used for manifesting waste from various facilities and the contaminants of concern include VOCs, PCBs, TPH, and mercury. The screening assessment indicates that the M.T. Shelter Partnership site is located north of a significant TCE plume (the nearby Pemaco Superfund site) and based on the information collected during the screening, "there is no actionable data to suggest that TCE is associated with the site; therefore, no further federal action is warranted." The M.T. Shelter Partnership site (Building 1101) is located 0.3 mile to the northwest of the subject property.

Adjacent Properties

Seven adjacent properties were listed in databases searched as discussed in Table 2. One of those properties has the potential to impact the subject property:

- **Engineered Polymers Solutions, Inc./McCloskey Corp. (Valspar)/MC Whorter Inc. – 5501 East Slauson Avenue:** This property is located adjacent to the south of the subject property and is listed on various databases, including CLEANUP SITES. The facility is associated with two release cases: a release of solvents to soil occurred in 1989, the case has an "Open – Site Assessment" status as of 1990 (case ID #T0603704615); a release of toluene and xylene to soil and soil vapor occurred in 1989, the case has an "Open – Remediation" status as of 2018 (case ID #SL204CN2376). According to GeoTracker, the McCloskey Corp. (Valspar) (T0603704615) case was transferred from the UST Unit to the Site Cleanup Unit of the Los Angeles Regional Water Quality Control Board. According to GeoTracker, the EPS Facility (Valspar) (SL204CN2376) site has been occupied by a resin manufacturing and varnish blending facility for approximately 50 years. USTs have reportedly been at the Valspar site since approximately 1959. Sixteen USTs have been removed, while three USTs still remain onsite (closed in place) and are filled with an inert material. In addition, two AST farms (one for raw materials and one for finished product) exist at the Valspar site. The 2020 *Chlorinated Volatile Organic Compound (CVOC) Contamination in Groundwater* letter report (AECOM 2020), states its findings as the following:
  - "There is no record of historical CVOC storage or usage at the [Valspar site].
  - The [Valspar site] is located in a long-time highly industrialized area, increasing the probability of historical CVOC releases at nearby sites that could regionally affect first-encountered groundwater. This fact is documented in closure letters for two nearby sites (TRW Pressure Systems and LA Paper Box & Board Mills), both of which indicate concentrations of TCE in regional groundwater similar to concentrations observed at the [Valspar site].
  - TCE is the predominant CVOC in groundwater beneath the [Valspar site]; however, only one out of nearly 600 soil samples from the [Valspar site] contained TCE. The soil sample was collected from a depth near the historical groundwater elevation beneath the [Valspar site] and the TCE concentration was near the laboratory method detection limit. This negligible TCE detection in soil near the groundwater table is considered to be related to the regional TCE contamination in groundwater.
  - TCE has been encountered in 39% of soil vapor samples, but the highest concentrations were generally at a depth of 95 feet bgs, which is within historical groundwater elevations beneath the [Valspar site]. Moreover, soil vapor-groundwater equilibrium estimates indicate that TCE concentrations in soil vapor can be attributed to off-gassing of TCE from groundwater rather than an on-site source."

  The two Valspar remediation groundwater monitoring wells located nearest to the subject property, GMW-4 and GMW-7, are located approximately 50 and 90 feet south of the subject property, respectively. Two groundwater samples collected from GMW-4 in December 2020 (including one duplicate sample) contained constituents, including VOCs and methane, at concentrations below their respective July 2019 San Francisco Bay Regional Water Quality Control Board (SFBRWQCB) Environmental Screening Levels (ESLs) for groundwater vapor intrusion, where established, with the exception of the following (AECOM 2021a):
  - TCE: Detected concentration of 25 µg/L exceeds the residential and commercial/industrial ESLs for groundwater vapor intrusion of 1.2 and 7.5 µg/L, respectively

  A groundwater sample collected from GMW-7 in December 2020 contained constituents at concentrations below their respective July 2019 ESLs for groundwater vapor intrusion, where established, with the exception of the following (AECOM 2021a):

- TCE: Detected concentration of 7.0 µg/L exceeds the residential ESL for groundwater vapor intrusion of 1.2 µg/L

According the First Quarter 2021 Groundwater Monitoring and Soil Vapor Extraction/Bioventing Progress Report (AECOM 2021a), groundwater at the Valspar site flows toward the southeast, away from the subject property. There are no Valspar groundwater monitoring wells or groundwater samples collected between GMW-4 and GMW-7 and the subject property.

The Valspar soil vapor monitoring probe located nearest to the subject property, MP-2A, is located approximately 130 feet south of the subject property. The soil vapor sample collected from MP-2A in August 2021 contained various VOCs at concentrations below their respective ESLs for subslab/soil gas vapor intrusion, where established, with the exception of the following (AECOM 2021b):

- Ethylbenzene: Detected concentration of 412.5 µg/m^3 exceeds the residential and commercial/industrial ESLs for subslab/soil gas vapor intrusion of 37 and 160 µg/m^3, respectively

Regional Sites

One release site with regional impacts was identified approximately 1,500 feet to the southwest of the subject property:

- **Pemaco Chemical Corporation Former/Pemaco Superfund Site Treatment Plant – 5040-5050 East Slauson Avenue, 5155 East 60th Street:** The NPL listing indicates the following summary details:

  > "Pemaco Maywood is a four-acre facility that housed a chemical blending facility operated by Pemaco, Inc. between the late 1940s and 1991. Hazardous chemicals stored at the facility in underground and ASTs and drums included chlorinated and aromatic solvents, flammable liquids, petroleum hydrocarbons, and other VOCs. There were 31 USTs, six ASTs, and more than 400 drums on [the Pemaco] site when the facility was investigated by the Los Angeles County Fire Department in 1992. During the Expanded Site Inspection (ESI) conducted in May 1997, several VOCs were identified in near-surface and deep soil samples, as well as perched ground water and an underlying regional aquifer. Floating product consisting of TPH-g and 12 VOCs was recovered from three wells drawing from the perched ground water. Aqueous samples from 10 other wells in the perched ground water one contained several chlorinated hydrocarbons such as PCE, TCE, 1,1,1-trichloroethane (TCA), 1,1- and 1,2 dichloroethane, 1,1-dichloroethane, and vinyl chloride. The United States Environmental Protection Agency (US EPA) installed four monitoring wells into the shallow regional aquifer (80 to 100 feet deep) during the ESI in May 1997. Groundwater samples from three of the four wells contained TCE ranging from 410 to 11,000 µg/L. Although the monitoring wells penetrate a shallow regional aquifer of the Lakewood Formation, most of the drinking water wells within four miles of the [Pemaco] site draw water from the San Pedro Formation… Regulatory involvement at the [Pemaco] site has been limited to US EPA, with some involvement from the Los Angeles County Fire Department and the City of Maywood. Status January 1999: US EPA is considering various alternatives for the [Pemaco] site."

  According to the US EPA Superfund website, cleanup at the Pemaco site has involved the following (US EPA 2022):

> "Multiple actions have been taken to clean up the [Pemaco] site. Early action includes removing drums, USTs and ASTs, and operating a soil vapor extraction system. Investigations and studies were also completed to assess the extent of contamination and evaluate remedial alternatives.
>
> Based on the investigations, US EPA formally selected the cleanup for the [Pemaco] site in 2005. The main components of the plan included dual-phase extraction and treatment of groundwater and soil vapor, and electrical resistive heating of areas where soil and groundwater had the highest levels of contamination. Hot spots of soil contamination were removed, and a soil cover was placed over the site and revegetated. Monitored natural attenuation also was selected from certain areas. Natural attenuation is a variety of in-place processes that, under favorable conditions, act without human intervention to reduce the mass, toxicity, mobility, volume, or concentration of contaminants in groundwater. The cleanup actions overall have removed contaminants and reduced risks to potential exposure."

US EPA states the current status of the Pemaco site as the following:

> "The groundwater and soil vapor extraction and treatment systems continue to operate at the [Pemaco] site. Vapor is treated to meet all air quality standards prior to discharging to ambient air. Treated groundwater and vapor condensate is discharged to the L.A. County Sanitary District sewer system. Groundwater is sampled semi-annually. US EPA transferred lead agency oversight to the DTSC in 2018. DTSC will manage site monitoring and cleanup activities, including operation of the treatment plant."

According to the US EPA's Third Five-Year Review of the Pemaco site, "The remedy at the Pemaco Superfund Site currently protects human health and the environment. Exposure pathways to contaminated groundwater, soil, and soil vapor are controlled by the soil cover, groundwater extraction and treatment, and institutional controls. However, in order for the remedy to be protective in the long-term, a remedy evaluation and optimization is recommended to assess the reasons for ineffective performance of the groundwater extraction system and to offer recommendations to improve the system" (US EPA 2021).

3.4 Review of State of California Geologic Energy Management Division (CalGEM) Records

A review of the CalGEM Online Mapping System indicates that no oil wells are located on the subject property or adjacent properties, or within one-quarter mile of the subject property (CalGEM 2021).

3.5 Review of City of Los Angeles Information Regarding Methane Zones

According to the Los Angeles County Department of Public Works Solid Waste Information Management System, the subject property is not located within 300 feet of an oil or gas well, or within 1,000 feet of a methane-producing site (Los Angeles County Department of Public Works 2021).

3.6 Review of National Pipeline Mapping System Records

A review of the National Pipeline Mapping System (NPMS) online Public Map Viewer indicates that no natural gas transmission pipelines or hazardous liquid pipelines are located on the subject property or adjacent properties (United States Department of Transportation 2021).

3.7 Review of California Statewide PFAS Investigation

Beginning in 2019, the California SWRCB sent assessment requirements to property owners of sites that may be potential sources of PFAS. These sites currently include select landfills, airports, chrome plating facilities, publicly owned treatment works facilities, Department of Defense (DoD) sites, and bulk fuel storage terminals and refineries. According to the SWRCB, "PFAS are a large group of human-made substances that do not occur naturally in the environment and are resistant to heat, water, and oil" (SWRCB 2021).

Our December 30, 2021 review of the California Statewide PFAS Investigation online Public Map Viewer indicates that there are no current chrome plating, airport, landfill, publicly owned treatment works or DoD facilities with PFAS orders listed as located within one-half mile of the subject property (SWRCB 2021). Based on our review of the SWRCB's March 12, 2021 Bulk Fuel Terminal/Refinery Investigative Order, the subject property is not listed on the Bulk Fuel Storage Terminals and Refineries List (Attachment 1 of the Order). In addition, none of the Bulk Fuel Storage Terminals or Refineries on the list are located within one-half mile of the subject property (SWRCB 2021).

Our December 30, 2021 review of the California Statewide Drinking Water System Quarterly Testing Results online Public Map Viewer indicates that perfluorooctanoic acid (PFOA) and perfluorooctanesulfonic acid (PFOS) were detected in drinking water wells located within two miles of the subject property and tested quarterly as part of a PFAS investigative order (SWRCB 2021). Several of these wells contain PFOA and PFOS at concentrations greater than their respective SWRCB notification and response levels. The nearest drinking water well to the subject property with PFOA and PFOS at elevated concentrations is located approximately one mile to the north.

3.8 Records Review Information of Concern

Based on the information obtained during our records review documented above, the following conditions have the potential to impact the subject property:

Subject Property

- The subject property was formerly a part of the FUDS site – Cheli Air Force Base
- Former agricultural use from the 1920s until the mid-1940s

Adjacent Properties

- Engineered Polymers Solutions, Inc./McCloskey Corp. (Valspar)/MC Whorter Inc. (5501 East Slauson Avenue) – Southern adjacent release site with VOC-impacted soil vapor and groundwater

Nearby Properties

- Federal Service Center/The Salvation Army/M.T. Shelter Partnership sites (5600 Rickenbacker Road) – Part of the FUDS site – Cheli Air Force Base, two gasoline USTs removed with no soil impacts, firing shelter and pistol range pit with lead in soil on a nearby property to the west (approximately 280 feet away)
- Pemaco Chemical Corporation Former/Pemaco Superfund Site Treatment Plant (5040-5050 East Slauson Avenue, 5155 East 60th Street) – Superfund site with groundwater impacts, approximately 1,500 feet southwest of the subject property

4 Historical Records

The historical records review completed for this Phase I ESA includes aerial photographs, topographic maps, fire insurance maps, city directories, and building permits as detailed in the following sections. Copies of the historical resources reviewed are included in Appendix C. Table 3 provides a summary of the historical use information available for the subject property and adjacent properties.

4.1 Methodology

Review of Aerial Photographs

Aerial photographs from ERIS's aerial photograph collection were obtained. In addition, a current aerial photograph from Google Earth was reviewed. The aerial photographs were reviewed on January 3, 2022.

Review of Historical Topographic Maps

Historical topographic maps from ERIS's map collection were obtained. The historical topographic maps were reviewed on January 3, 2022.

Review of City Directory Listings

ERIS was contracted to provide copies of city directory listings for the subject property. The city directory listings were reviewed on January 10, 2022. As indicated in the attached report, no records were provided for the northern or western adjacent properties.

Review of Fire Insurance Maps

ERIS was contracted to provide copies of fire insurance maps (i.e., Sanborns) for the subject property. The fire insurance maps were reviewed on January 3, 2022.

Review of County of Los Angeles Building Permit Records

Building permit records for the subject property and adjacent properties were searched on the City of Bell's website; however, no records are available online. Therefore, building permit records were searched on the LADPW's online Building Permit Viewer. No building permit records were available for the subject property or adjacent properties.

Other Historical Sources

Based on the sufficiency of historical information obtained for the purposes of this report, no additional historical sources were reviewed.

4.2 Summary of Subject Property and Adjacent Historical Uses

Table 3 Historical Use of the Subject Property and Adjoining Properties

Year	Source	Subject Property Use	Adjoining Property Use
1894	Topographic Map (TM)	Not depicted	Not depicted
1896, 1899	TM	Undeveloped land	Undeveloped land
1900	TM	Not depicted	Not depicted
1902, 1923	TM	Undeveloped land	Undeveloped land
1924	TM	Not depicted	Not depicted
1925	TM	Undeveloped land	Undeveloped land
1926	TM	Not depicted	Not depicted
1928	Aerial Photograph (AP)	**Agricultural land** (dry farming or row crops)	North (N), South (S): Agriculture (dry farming or row crops) West (W): Residential or agricultural buildings
1936	TM	Undeveloped land	N: Undeveloped land S: **Railroad tracks** and two buildings W: Undeveloped land
1938	AP	Similar to the 1928 AP	N, W: Similar to the 1928 AP S: Agriculture (dry farming) and commercial/industrial buildings
1942, 1943	TM	Similar to the 1936 TM	N, S, W: Similar to the 1936 TM
1947	AP	Vacant land and at least one shed structure	N: Road (K Street) followed by a commercial/industrial building, similar to today S: **Railroad tracks** and commercial/industrial buildings W: Vacant land
1949	TM	Undeveloped land within a **Military Reservation** area (**Cheli Air Force Station**)	N: Road and a building within a **Military Reservation** area (**Cheli Air Force Station**) S: **Railroad tracks** and buildings W: Undeveloped land within a **Military Reservation** area (**Cheli Air Force Station**)
1949	Fire Insurance Map (FIM)	Development not depicted; within a **U.S. Marine Military Reservation**	N, W: Development not depicted; within a **U.S. Marine Military Reservation** S: **Railroad tracks** and parking lots, a private driveway, a store, Bemis Bros Bag Co. (burlap and cotton bag manufacturing) with printing plate storage, McCloskey Varnish Co. (**varnish manufacturing**) with a machine shop and a laboratory, a **phonography album manufacturing** building, and General Pipe & Supply Co. Inc. (steel distributors) with a warehouse

Year	Source	Subject Property Use	Adjoining Property Use
1952	AP	Vacant land used for materials/equipment storage with one shed structure	N: Similar to the 1947 AP S: **Railroad tracks** and additional commercial/industrial buildings with stored materials/equipment W: Vacant land used for materials/equipment storage
1953	TM	Not depicted	Not depicted
1960	AP	Cleared, vacant land	N, S: Similar to the 1952 AP W: Cleared, vacant land
1963	AP	Vacant land, a concrete channel, and a portion of a parking lot	N: Similar to the 1960 AP S: Similar to the 1960 AP; several areas of aboveground storage tanks W: Vacant land, a concrete channel, and a portion of a parking lot
1964	TM	Similar to the 1949 TM	N, W: Similar to the 1949 TM S: **Railroad tracks** and additional buildings
1966	TM	Not depicted	Not depicted
1966	FIM	Similar to the 1949 FIM	N, W: Similar to the 1949 FIM S: **Railroad tracks** and a private driveway, Sherman-Bertram Inc. (furniture manufacturing and upholstering) with two **metal paint spray booths** and an **oil house;** an "auto transporters" parking lot with **truck service** and **auto repair**; McCloskey Varnish Co. (**varnish manufacturing**) with a laboratory, mixing and varnish kettles, resin manufacturing, material storage tanks, a shipping warehouse, a machinery warehouse, **machinery repairing**, and a cement color manufacturing warehouse; and two soft drink bottling warehouses
1972	TM	Similar to the 1964 TM	N, S, W: Similar to the 1964 TM
1972	AP	Cleared, vacant land and a concrete channel	N, S: Similar to the 1963 AP W: Cleared, vacant land and a concrete channel
1972	City Directory (CD)	Not listed	N, W: Not listed S: **McCloskey Varnish Co.** (5501 E. Slauson Ave.), Cabot Saml Inc./LM Scofield Co. (5511 E. Slauson Ave.), **Casey Metcalf Machining** (5515 E. Slauson Ave.), **Greer Machinery Co./Repco Engineering Inc. Service** (5523 E. Slauson Ave.), American Drinks (5555 E. Slauson Ave.)
1975	CD	Not listed	N, W: Not listed S: **McCloskey Varnish Co.** (5501 E. Slauson Ave.), Cabot Saml Inc./LM Scofield Co. (5511 E. Slauson Ave.)
1976	AP	Vacant land, a concrete channel, and a portion of a parking lot	N, S: Similar to the 1972 AP W: Vacant land, a concrete channel, and a portion of a parking lot

Year	Source	Subject Property Use	Adjoining Property Use
1979	CD	Not listed	N, W: Not listed S: **McCloskey Varnish Co.** (5501 E. Slauson Ave.), **Greer Machinery Co.** (5523 E. Slauson Ave.), **Mace Metal Sales** (5545 E. Slauson Ave.), Bart Philips Enterprises/California Juice Product/White Rock Products (5555 E. Slauson Ave.)
1981	TM	Undeveloped land	N: Road and a building S: **Railroad tracks** and buildings W: Undeveloped land
1982	AP	Vacant land and a concrete channel	N, S: Similar to the 1976 AP W: Vacant land and a concrete channel
1985	CD	5600 Rickenbacker Rd.: US Agriculture Meat Grading/US GSA Customer Service "Bur"	N, W: Not listed S: **Hughes Steel & Tube Co.** (5401 E. Slauson Ave.), **McCloskey Varnish Co.** (5501 E. Slauson Ave.), **Mace Metal Sales** (5545 E. Slauson Ave.), Hansen Foods Inc. (5555 E. Slauson Ave.)
1988	AP	Portion of a parking lot and a concrete channel	N, S: Similar to the 1982 AP W: Portion of a parking lot and a concrete channel
1990	CD	5600 Rickenbacker Rd.: California Street Food Market News, Food Partnership, Salvation Army, US Agriculture Marketing Livestock/Poultry, US CMRC NOAA Inspection, US GSA Customer Service "Bur," US GSA Public Building, US Justice Immigration Office, US Postal Mail "Trans," US VA Supply Depot	N, W: Not listed S: G&N Mattress & Foam/Jaime International Distribution (5401 E. Slauson Ave.), **McWhorter Inc.** (5501 E. Slauson Ave.), Sun Coast Merchandise Corp. (5523 E. Slauson Ave.), Delta Computer Distributing/Tech Power (5527 E. Slauson Ave.), TCom Systems (5529 E. Slauson Ave.), Lozano Imports Inc. (5533 E. Slauson Ave.), **Mace Metal Sales** (5545 E. Slauson Ave.)
1994	TM	Not depicted	Not depicted
1994, 1995	AP	Similar to the 1988 AP	Similar to the 1988 AP
1998	CD	5600 Rickenbacker Rd.: American Indian Ministries, California Emergency Foodlink, Food & Agriculture, General Services Administration Public Building, Justice Immigration & Naturalization Services, Metro Builders & Engineers Group Ltd., NVT Technologies Inc., The Salvation Army Social Service Programs Bell Shelter, United States Government Agriculture, United States Government Army Department Office of the Chief of Public Affairs, Veterans Affairs Supply Depot	N, W: Not listed S: G&M Mattress & Foam Corp. (5401 E. Slauson Ave.), **EPS Resin Manufacturing** (5501 E. Slauson Ave.), Lacage Technology Inc. (5527 E. Slauson Ave.), Heidi Shoes/Lozano Imports Inc. (5533 E. Slauson Ave.), **Mace Metal Sales Inc. Coil Processing & Slitting** (5545 E. Slauson Ave.)

Year	Source	Subject Property Use	Adjoining Property Use
2003	CD	5600 Rickenbacker Rd.: California Emergency Foodlink, Salvation Army, United States Government Agriculture, United States Government Army Recruiting, a law office, logistics/trucking companies, and other various commercial	N, W: Not listed S: G&M Mattress & Foam Corp. (5401 E. Slauson Ave.), **Engineered Polymer Solutions/EPS Resin Manufacturing** (5501 E. Slauson Ave.), Iva Sareen Law Office/Tukatech Inc. (5527 E. Slauson Ave.), Richway Textiles Inc./**Vitracoat America Inc.** (5533 E. Slauson Ave.), **Mace Metal Sales Inc.** (5555 E. Slauson Ave.)
2005	AP	Several mobile offices/homes and a concrete channel	N, S: Similar to the 1995 AP W: Several mobile offices/homes and a concrete channel
2008	CD	5600 Rickenbacker Rd.: California Emergency Foodlink, Children's Network International, Federal Service Center, Salvation Army, various United States Government departments, logistics/trucking companies, and other various commercial	N, W: Not listed S: G&M Mattress & Foam Corp. (5401 E. Slauson Ave.), **Engineered Polymer Solutions/EPS Resin Manufacturing** (5501 E. Slauson Ave.), JC Clothing Inc./**Valspar Corp.** (5523 E. Slauson Ave.), Tukatech Inc. (5527 E. Slauson Ave.), Jazias Design (5529 E. Slauson Ave.), **Mace Metal Sales Inc.** (5555 E. Slauson Ave.)
2010	AP	Similar to the 2005 AP	N, S, W: Similar to the 2005 AP
2012	CD	5600 Rickenbacker Rd.: California Emergency Foodlink, Children's Network International, JWCH Institute, Salvation Army, Shelter Partnership Resource, United States General Service Administration	N, W: Not listed S: **EPS Resin Manufacturing** (5501 E. Slauson Ave.), **EPS Inc.** (5523 E. Slauson Ave.), Tukatech Inc. (5527 E. Slauson Ave.), Gourmet Purveyors International (5533 E. Slauson Ave.), **Mace Metal Sales Inc.** (5555 E. Slauson Ave.)
2012, 2014	AP	One mobile office/home and a concrete channel	N, S: Similar to the 2010 AP W: Paved parking lot and a concrete channel
2015	TM	No individual features depicted	No individual features depicted
2016	AP	One (different) mobile office/home and a concrete channel	Similar to the 2014 AP
2016	CD	5600 Rickenbacker Rd.: Bell Shelter, Children's Network International, Hunger Defense Fund, JWCH Institute, Salvation Army, Shelter Partnership Resource, and other various commercial	N, W: Not listed S: G&M Mattress & Foam Corp. (5401 E. Slauson Ave.), **EPS Resin Manufacturing** (5501 E. Slauson Ave.), **EPS Inc.** (5523 E. Slauson Ave.), Tukatech Inc. (5527 E. Slauson Ave.), Richard Parker Designs (5529 E. Slauson Ave.), ST DAH (5531 E. Slauson Ave.), **Mace Metal Sales Inc.** (5555 E. Slauson Ave.)
2018, 2020	AP	Vacant land and a concrete channel	N, S: Similar to the 2016 AP W: Three residential buildings and a concrete channel, similar to today
2020	CD	5600 Rickenbacker Rd.: Bell Shelter, Children's Network International, Hunger Defense Fund, JWCH Institute, Salvation Army, Shelter Partnership Resource, and other various commercial	N, W: Not listed S: G&M Mattress & Foam Corp. (5401 E. Slauson Ave.), **EPS Resin Manufacturing** (5501 E. Slauson Ave.), **EPS Inc.** (5523 E. Slauson Ave.), Ram K Sareen/Tukatech Inc. (5527 E. Slauson Ave.), ST DAH (5531 E. Slauson Ave.), MSE Media Solutions (5533 E. Slauson Ave.), Mar Pacifico Fabric Service (5555 E. Slauson Ave.)

*__Bold__ listings indicate commercial/industrial uses with the potential to impact the subject property

4.3 Gaps in Historical Sources

Four gaps of greater than five years were identified in the historical records reviewed, from 1902 to 1923, 1928 to 1936, 1953 to 1963, and 1966 to 1972. These gaps are considered insignificant because the subject property use appears to be similar prior to and following the gaps.

4.4 Historical Use Information of Concern

Based on Table 3 above, the following historical uses of the subject property have the potential to impact the subject property:

- Agriculture (dry farming or row crops): 1928-1943
- Military Reservation area (Cheli Air Force Station): 1949-1972

Based on Table 3 above, the following historical uses of the adjacent properties have the potential to impact the subject property:

- Northern, eastern, and western adjacent Military Reservation area (Cheli Air Force Station): 1949-1972
- Southern adjacent railroad tracks: 1936-present day
- Southern adjacent phonography album manufacturing building (address illegible): 1949
- Southern adjacent Sherman-Bertram Inc. (furniture manufacturing and upholstering) with two metal paint spray booths and an oil house (5401 E. Slauson Ave.): 1966
- Southern adjacent “auto transporters” parking lot with truck service and auto repair (5427 E. Slauson Ave.): 1966
- Southern adjacent McCloskey Varnish Co. (varnish manufacturing)/Valspar Inc./EPS: 1949, 1966, 1972-2020
- Southern adjacent Casey Metcalf Machining (5515 E. Slauson Ave.): 1972
- Southern adjacent Greer Machinery Co./Repco Engineering Inc. Service (5523 E. Slauson Ave.): 1972, 1979
- Southern adjacent Mace Metal Sales (5545/5555 E. Slauson Ave.): 1979-2016
- Southern adjacent Vitracoat America Inc. (5533 E. Slauson Ave.): 2003

5 Interviews

Rincon performed interviews regarding the subject property and surrounding areas. The purpose of the interviews was to discuss current and historical conditions and to obtain information indicating the presence of RECs in connection with the subject property.

5.1 Interview Summary

Interview with Owner/Site Manager

An interview questionnaire was provided to the property owner, The Salvation Army, prior to the site reconnaissance. Steve Lytle, Director with The Salvation Army Bell Shelter, completed the Owner Questionnaire on January 9, 2022. A copy of the completed questionnaire is included in Appendix A. The following information is based on our review of the completed questionnaire.

Mr. Lytle indicated the following:

- The subject property is currently vacant.
- The northern adjacent properties are currently warehouses, in use as a homeless shelter and for active warehouse activities.
- The subject property and northern, eastern, and western adjacent properties were part of a former military site.
- The Salvation Army obtained ownership of the subject property in 2008.
- The former owner of the subject property was the United States Government.
- There are no hazardous materials or petroleum products stored or used on the subject property.
- No hazardous wastes are generated at the subject property.
- A previous Phase I ESA completed for the subject property by Rincon, a title report, and geotechnical/geologic report(s) are available for the subject property and are reviewed in the User-Provided Information and Responsibilities section of this report.

Mr. Lytle indicated that he is unaware of the presence of industrial drums, storage tanks (above or below ground), fill dirt, pits, ponds, lagoons, sumps, clarifiers, solvent degreasers, stained soil, vent pipes, fill pipes, or access ways, stained surfaces, private wells, non-public water systems, transformers, capacitors, or hydraulic equipment, records indicating the presence of polychlorinated biphenyls, or records indicating the presence of pesticides or herbicides at the subject property.

Mr. Lytle indicated that he is not aware of any pending, threatened, or past litigation or administrative proceedings relevant to hazardous substances or petroleum products in, on, or from the subject property. In addition, he/she is not aware of any notice from any government entity regarding any possible violation of environmental laws or possible liability relating to hazardous substances or petroleum products at the subject property.

Interviews with Occupants

Because the subject property is currently vacant, no occupants were interviewed as part of this research effort.

Interviews with Local Government Officials

Based on the sufficient information obtained from various sources, no other local government officials were interviewed as part of this Phase I ESA.

Interviews with Others

Rincon did not attempt to interview neighboring property owners or others as part of this Phase I ESA.

5.2 Interview Information of Concern

Based on the information obtained during interviews, the following concerns have the potential to impact the subject property:

- The subject property and northern, eastern, and western adjacent properties were part of a former military site.

6 Site Reconnaissance

Rincon performed a reconnaissance of the subject property on January 6, 2022 accompanied by Steve Lytle, Director with The Salvation Army. The purpose of the reconnaissance was to observe existing subject property conditions and to obtain information indicating the presence of RECs in connection with the subject property.

6.1 Methodology and Limiting Conditions

The site reconnaissance was conducted by:

1. Observing the subject property from public thoroughfares,
2. Observing the adjacent properties from public thoroughfares, and
3. Observing the subject property from driveways, roads, and walking paths/sidewalks.

6.2 General Subject Property Information

Current Use of the Property and Adjacent Properties

The subject property is currently a partially paved, vacant lot. Adjacent properties include multi-family apartments, The Salvation Army warehouses, and light industrial/warehouse buildings.

Past Use of the Property and Adjacent Properties

Based on our site reconnaissance, past uses at the subject property and adjacent properties are not readily apparent.

Mr. Lytle indicated that the subject property was previously used for mobile home trailers; therefore, there may be some remaining underground utilities but there are no septic systems onsite.

Current or Past Uses in the Surrounding Areas

The subject property is surrounded by residential, commercial, educational, and industrial land uses as detailed in the Site Description section of this report. Past uses of the surrounding area are not readily apparent based on the site reconnaissance.

Geologic, Hydrogeologic, Hydrologic, and Topographic Conditions

Geologic, hydrogeologic, hydrologic, and topographic information are as previously stated in the Physical Setting Sources section of this report.

General Description of Structures

During the site reconnaissance, no structures, roads, or improvements other than an area of asphalt pavement were observed on the subject property.

Roads

K Street is located adjacent to the north of the subject property.

Potable Water Supply

California Water Service does not currently supply potable water to the subject property.

Sewage Disposal System

No sewage disposal system is located at the subject property.

Stormwater Runoff

Surface water runoff at the subject property appears to run toward K Street or the concrete stormwater channel in the southern portion of the subject property.

6.3 Interior and/or Exterior Observations

Table 4 provides details regarding the interior and/or exterior observations noted during the site reconnaissance. Photographs 1 through 12 are shown below.

Table 4 Interior and/or Exterior Observations

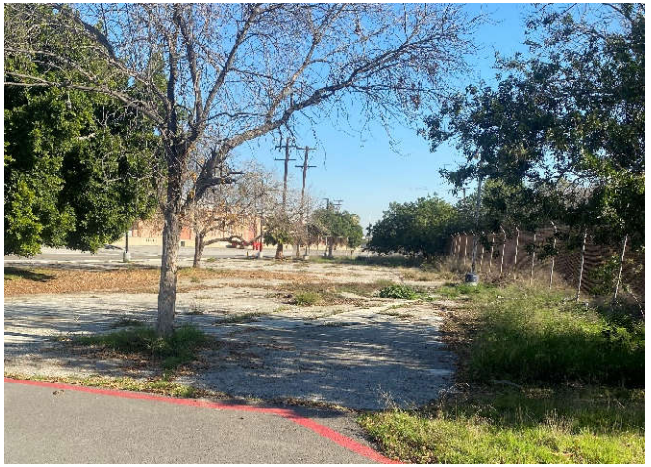
Item	Observed	Photograph Number	Description
Hazardous Substances and Petroleum Products in Connection with Identified Uses	No	Not Applicable (N/A)	None observed
Aboveground or Underground Storage Tanks	No	N/A	None observed
Odors	No	N/A	None observed
Pools of Liquid	No	N/A	None observed
Drums	No	N/A	None observed
Hazardous Substances and Petroleum Products Containers Not in Connection with Identified Uses	No	N/A	None observed
Unidentified Substance Containers	No	N/A	None observed
Indications of Polychlorinated Biphenyls (PCBs)	No	N/A	None observed
Heating/Cooling Systems	No	N/A	None observed
Stains or Corrosion	No	N/A	None observed
Drains, Clarifiers, and Sumps	No	N/A	None observed
Degreasers/Parts Washers	No	N/A	None observed
Pits, Ponds, and Lagoons	Yes	1, 3, 8	A concrete stormwater channel traverses the southern portion of the subject property in an east-west direction.

Item	Observed	Photograph Number	Description
Stained Soil or Stained Pavement	No	N/A	None observed
Stressed Vegetation	No	N/A	None observed
Solid Waste/Debris	Yes	3	Solid waste appearing to be associated with homeless activity was observed on the subject property.
Wastewater	No	N/A	None observed
Wells	No	N/A	None observed
Septic Systems/Effluent Disposal Systems	No	N/A	None observed
Soil Piles	No	N/A	None observed
Fill Material	No	N/A	None observed

Photographs 1-4



Photograph 1. View of the eastern portion of the subject property, facing west.



Photograph 2. View of the western portion of the subject property, facing east.



Photograph 3. View of a concrete stormwater channel and solid waste likely associated with homeless activity on the subject property.



Photograph 4. View of the northern adjacent property across K Street, The Salvation Army warehouses, facing northwest.

Photographs 5-8



Photograph 5. View of the subject property and southern adjacent properties in the background, facing south.



Photograph 6. View of southern adjacent commercial/light industrial properties, facing north from East Slauson Avenue.



Photograph 7. View of the western adjacent multi-family residences, facing southwest.



Photograph 8. View of the concrete stormwater channel traversing the subject property and eastern and western adjacent properties in an east-west direction, facing west.

6.4 Site Reconnaissance Information of Concern

Based on the information obtained during the site reconnaissance, the following concerns have the potential to impact the subject property:

- Southern adjacent railroad tracks
- Southern adjacent heavy industrial/manufacturing facilities

7 Potential Vapor Migration

The database report and other resources were reviewed to identify nearby known or suspect contaminated sites that have the potential for contaminated vapor originating from the nearby sites to migrate beneath the subject property. Based on the ASTM E2600-15, *Standard Guide for Vapor Encroachment Screening on Property Involved in Real Estate Transactions*, the following minimum search distances were initially used to determine if contaminated soil vapors from a nearby known or suspect contaminated site have the potential to be migrating beneath the subject property:

- 1/10 mile (528 feet) for petroleum hydrocarbons
- 1/3 mile (1,760 feet) for other contaminants of concern (COCs)

Groundwater depth and flow direction is also utilized to determine risk of vapor migration. Groundwater in the vicinity of the subject property is reportedly present between 120 and 127 feet and flows to the southeast (Section 3.1).

If known or suspect contaminated sites are located:

- Onsite or adjacent to the subject property,
- Within 100 feet, or
- Within the above referenced distances from the subject property and upgradient or crossgradient to the subject property,

Then online resources are reviewed to determine the extent of the contaminated plume at those sites.

The following describes search distances for contaminated plumes of petroleum hydrocarbons (30 feet from the subject property) and other COCs (100 feet from the subject property). Per ASTM E2600-15, vapors associated with impacted soil or groundwater present within these distances have the potential to migrate beneath the subject property.

7.1 Petroleum Hydrocarbons

Known Petroleum Hydrocarbon Release Sites

Based on our review of the information gathered as part of this report, known onsite, adjacent, upgradient, and/or crossgradient release sites identified within 1/10 mile of the subject property are as follows:

Nearby Sites

- Federal Service Center/The Salvation Army/M.T. Shelter Partnership sites (5600 Rickenbacker Road) – Part of the FUDS site – Cheli Air Force Base, two gasoline USTs removed with no soil impacts, firing shelter and pistol range pit with lead in soil on a nearby property to the west (approximately 280 feet away)

7.2 Other COCs

Known COC Release Sites

Based on our review of the information gathered as part of this report, known onsite, adjacent, upgradient, and/or crossgradient release sites identified within 1/3 mile of the subject property are as follows:

Adjacent or Within 100 Feet

- Engineered Polymers Solutions, Inc./McCloskey Corp. (Valspar)/MC Whorter Inc. (5501 East Slauson Avenue) – Southern adjacent release site with VOC-impacted soil vapor and groundwater

Nearby Sites

- Pemaco Chemical Corporation Former/Pemaco Superfund Site Treatment Plant (5040-5050 East Slauson Avenue, 5155 East 60th Street) – Superfund site with groundwater impacts, approximately 1,500 feet southwest of the subject property

7.3 Vapor Intrusion Information of Concern

Based on the information above, petroleum hydrocarbons within 30 feet and other COCs within 100 feet have the potential to impact the subject property:

- Engineered Polymers Solutions, Inc./McCloskey Corp. (Valspar)/MC Whorter Inc. (5501 East Slauson Avenue) – Southern adjacent release site with VOC-impacted soil vapor and groundwater

8 Evaluation

Rincon has performed a Phase I ESA in conformance with the scope and limitations of ASTM Practice E1527-13 for the subject property, a portion of 5600 Rickenbacker Road in Bell, California. Any exceptions to, or deletions from, this practice are described in the Deviations section of this report. This assessment has revealed the following RECs in connection with the subject property, as detailed below in Table 5.

8.1 Significant Data Gaps

No significant data gaps or deviations that could result in data gaps were identified during the preparation of this report.

Table 5 Findings, Opinions, Conclusions, and Recommendations

No.	Finding	Opinion	Conclusion	Recommendations
1	Former onsite and adjacent Cheli Air Force Base	According to the historical resources reviewed, the subject property and northern, eastern, and western adjacent properties were depicted as located within a Military Reservation area (Cheli Air Force Station) from approximately 1949 to 1972. According to the ERIS report and online regulatory documents reviewed, a former "pistol range pit" located on a nearby property approximately 280 feet to the west of the subject property was determined to have lead impacts in shallow soil. Based on the distance from the subject property and soil-only impacts, the former "pistol range pit" is considered de minimis. Additionally, two gasoline USTs were removed from the Cheli Air Force Base in 1991; one UST was located approximately 1,400 feet north of the subject property and the other UST was located approximately 400 feet west-northwest of the subject property; no petroleum hydrocarbon impacts were found in association with the USTs. Based on the distance from the subject property and no soil impacts, the former USTs are considered de minimis. Based on the documents reviewed for the former Cheli Air Force Base, the subject property does not appear to be associated with the historical storage or use of hazardous materials or other military-related activities. Therefore, the former onsite and adjacent Cheli Air Force Base is considered de minimis.	De minimis	None
2	Former agricultural use of the subject property	According to the historical resources reviewed, the subject property appears to have been used for agricultural purposes (dry farming or row crops) from approximately 1928 to 1943. Agricultural land use is typically associated with the use of pesticides and arsenic. However, based on the length of time since the subject property was used for agricultural purposes (over 78 years) and grading that likely occurred after agricultural use, it is likely that the levels of pesticides onsite (if any) would have been dispersed and/or diminished over time. Therefore, the former agricultural use of the subject property is considered de minimis.	De minimis	None
3	Southern adjacent railroad tracks for over 80 years	According to the historical resources reviewed, railroad tracks were located adjacent to the south of the subject property from at least 1936 to present day. During the site reconnaissance, one set of railroad tracks was observed adjacent to the south of the subject property, approximately 15 feet from subject property boundaries. Contaminants such as, but not limited to, hydrocarbons, pesticides, and metals are often associated with railroad use; therefore, the adjacent presence of railroad tracks for over 80 years is considered a REC.	REC	Soil Investigation

No.	Finding	Opinion	Conclusion	Recommendations
4	Southern adjacent open release case (Valspar site – 5501 East Slauson Avenue)	According to the historical resources reviewed, a southern adjacent property across the railroad tracks was first developed with McCloskey Varnish Co. (a varnish manufacturing facility – 5501 East Slauson Avenue), including with a laboratory, mixing and varnish kettles, resin manufacturing, material storage tanks, machine shop/machinery repairing, and a cement color manufacturing warehouse in 1949 and 1966. The historical city directory listings reviewed indicate that the McCloskey/McWhorter/Engineered Polymer Solutions/Valspar site was present from 1972 to 2020. According to the ERIS report and online regulatory documents reviewed, this facility (also identified as the Valspar site at 5501 East Slauson Avenue) is associated with an open Cleanup Program Site case. Soil vapor and groundwater monitoring and remediation are ongoing at the Valspar site. The two nearest Valspar groundwater monitoring wells to the subject property contained VOCs as of December 2020, including TCE at concentrations above residential and/or commercial/industrial ESLs for groundwater vapor intrusion. The nearest Valspar soil vapor monitoring probe to the subject property contained VOCs as of August 2021, including ethylbenzene at a concentration above the residential and commercial/industrial ESLs for subslab/soil gas vapor intrusion. Although groundwater flows toward the southeast at the Valspar site (away from the subject property), based on the proximity of the nearest groundwater and soil vapor monitoring wells/probes to the subject property (approximately 50 to 130 feet away) and presence of VOCs in groundwater and soil vapor in these wells/probes at concentrations exceeding ESLs, VOC-impacted soil vapor and groundwater have the potential to be migrating beneath the subject property from the Valspar site; therefore, the Valspar site is considered a REC.	REC	Soil Vapor Investigation
5	Southern adjacent phonography album manufacturing building (unknown address) in 1949	According to the historical resources reviewed, a southern adjacent property across the railroad tracks was developed with a phonography album manufacturing building (unknown address) in 1949. Because this facility is not associated with a known release and based on the distance to the subject property (approximately 250 feet away), the southern adjacent phonography album manufacturing building is considered de minimis.	De minimis	None
6	Southern adjacent furniture manufacturing building (5401 East Slauson Avenue) in 1966	According to the historical resources reviewed, a southern adjacent property across the railroad tracks was developed with a furniture manufacturing and upholstering facility (5401 East Slauson Avenue) with two metal paint spray booths and an oil house in 1966. Because this facility is not associated with a known release, the southern adjacent furniture manufacturing building is considered de minimis.	De minimis	None
7	Southern adjacent automotive/truck repair (5427 East Slauson Avenue) in 1966	According to the historical resources reviewed, a southern adjacent property across the railroad tracks was developed with an “auto transporters” parking lot with “truck service” and automotive repair (5427 East Slauson Avenue) in 1966. Because this facility is not associated with a known release, the southern adjacent automotive/truck repair is considered de minimis.	De minimis	None

No.	Finding	Opinion	Conclusion	Recommendations
8	PFOS detected in nearby drinking water wells	According to the California Statewide Drinking Water System Quarterly Testing Results online Public Map Viewer, PFOA and PFOS were detected in drinking water wells located as close as one mile from the subject property at concentrations greater than their respective SWRCB notification and response levels. It is unknown if these wells are currently in service, or if concentrations of PFAS have an impact on water quality with California Water Service's service area. For information regarding potable water quality provided to the subject property, contact California Water Service.	De minimis	None

To evaluate the potential subject property impact associated with the southern adjacent railroad tracks, Rincon recommends conducting a soil investigation on the southern portion of the subject property.

To evaluate the potential subject property impact associated with the southern adjacent open release case (Valspar site – 5501 East Slauson Avenue) with VOC-impacted soil vapor and groundwater, Rincon recommends conducting a soil vapor assessment at the subject property.

9 References

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10 Signatures of Environmental Professionals

The qualified environmental professionals that are responsible for preparing the report include Ryan Thacher, Julie Lynne Welch, and Savanna Vrevich. Their qualifications are summarized in the following section.

"We declare 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. We have the specific qualifications based on education, training, and experience to assess a property of the nature, history, and setting of the subject property. We have developed and performed the all appropriate inquiries in conformance with the standards and practices set forth in 40 CFR Part 312."

Signature	January 17, 2022 Date
Ryan Thacher, PhD, PE Name	Director of Site Assessment and Remediation Title
Signature	January 17, 2022 Date
Julie Lynne Welch Name	Director of Due Diligence Title
Signature	January 17, 2022 Date
Savanna Vrevich Name	Environmental Scientist Title

11 Qualifications of Environmental Consultants

The environmental consultants responsible for conducting this Phase I ESA and preparing the report include Ryan Thacher, Julie Lynne Welch, Savanna Vrevich, and Jon Bridgeman. Their qualifications are summarized below.

Environmental Professional Qualifications	X2.1.1 (2) (i) - Professional Engineer or Professional Geologist License or Registration, and 3 years of full-time relevant experience	X2.1.1 (2) (ii) - Licensed or certified by the Federal Government, State, Tribe, or U.S. Territory to perform environmental inquiries	X2.1.1 (2) (iii) – Baccalaureate or Higher Degree from and accredited institution of higher education in a discipline of engineering or science and the equivalent of 5 years of full-time relevant experience	X2.1.1 (2) (iii) – Equivalent of 10 years of full-time relevant experience
Ryan Thacher	PE		PhD Environmental Engineering	12 years
Julie Lynne Welch			BS Environmental Engineering	26 years
Savanna Vrevich			BS Environmental Studies	6 years
Jon Bridgeman			BA Earth and Environmental Science	3 years

Dr. Ryan Thacher, PE, is a Director of Site Assessment and Remediation with Rincon Consultants. He holds a Bachelor of Science degree in Chemical Engineering from the University of California, Santa Barbara and a Doctorate degree in Environmental Engineering from the University of Southern California. He has 12 years of experience conducting research related to chemical contaminant fate and transport in soil and groundwater and developing and implementing site assessments and remediation for contaminated sites in California, including the preparation of Phase I and Phase II Environmental Site Assessments. Dr. Thacher is a Professional Engineer (#87757) with the State of California.

Julie Lynne Welch serves as the Director of Rincon's Due Diligence team, which involves the execution of hundreds of Phase I and II ESAs annually. Ms. Welch has 26 years of professional experience in the field of environmental science and assessment, during which time she has managed and contributed to a variety of successful land use, water and energy planning, and residential, commercial, industrial and infrastructure projects.

She holds a Bachelor of Science degree in environmental engineering from Rensselaer Polytechnic Institute, Troy, New York, a Hazardous Materials Management Certificate from the University of California, Santa Barbara Extension program, and a Business Management Certificate from the University of California, San Diego Extension program.

Ms. Welch is also a member of the ASTM Committee E50 on Environmental Assessment, Risk Management and Corrective Action (2021) and continuously attends webinars and conferences regarding ASTM E1527-13 and the proposed 2021 Phase I ESA ASTM updates.

Savanna Vrevich is an Environmental Scientist with Rincon Consultants. She holds a Bachelor of Science degree in Environmental Studies with an outside concentration in Ecology, Evolution, and Marine Biology from the University of California, Santa Barbara. Ms. Vrevich has experience in

working on large scale, multi-site projects for developers, banks, regulatory agencies, and other public and private clients. Ms. Vrevich's responsibilities at Rincon include implementation of Phase I ESAs and preparation of other environmental reports for a variety of commercial, rural, and industrial properties.

Jon Bridgeman is an Environmental Scientist with Rincon Consultants. He holds a Bachelor of Arts degree in Earth and Environmental Science from the University of California Los Angeles, and a Master of Science degree in Earth and Environmental Science from Tulane University. Mr. Bridgeman has over three years of consulting experience including site visits/inspections, soil and groundwater assessments, and surficial sampling in sensitive wetlands and rivers, as well as groundwater monitoring. His experience includes Phase I ESA site visits, soil remediation projects, and wetland, coastal, and riverine sampling projects. Jon has assisted in the implementation of Phase I ESAs, and development of watershed monitoring surveys, beneficial use analysis reports, and stormwater technical reports.

Appendix A

Interview Documentation

RINCON CONSULTANTS, INC.
Environmental Scientists | Planners | Engineers
rinconconsultants.com

User Questionnaire

Rincon Project Number: 21-12270

Site Name and Full Address: Bell Oasis II, 5600 Rickenbacker Road, Bell, California 90201

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 provide the following information to the environmental professional. Failure to conduct these inquiries could result in a determination that "all appropriate inquiries" is not complete.

We respectfully request that you fill out this form and email it to Lauren Roenicke at LRoenicke@Rinconconsultants.com within one week from the date of this transmittal.

Project Description

1. **Why is the Phase I ESA required or being performed?**

   The Salvation Army is applying for capital funding in anticipation of construction of 57 units of permanent supportive housing on the site, plus one manager's unit.

2. **What type of property transaction is planned? (i.e. sale, purchase, exchange)**

   Lease by Limited Partnership of which The Salvation Army is the General Partner.

3. **What is the entire site address?**

   5600 Rickenbacker Road, Bell, CA 90201

4. **What is the Assessor's Parcel Number(s)?**

   Portions of 6332-002-090; 6332-002-037; 6332-002-038

5. **Are any considerations beyond the requirements of Practice E1527 to be considered? (i.e. lien search, asbestos & lead based paint, radon)**

   No

Rincon Project Number: 21-12270

Site Name and Full Address: Bell Oasis II, 5600 Rickenbacker Road, Bell, California 90201

6. **Identify all parties who will rely on the Phase I report.**

The Salvation Army; Los Angeles Community Development Authority

7. **Identify the Site Manager/Contact and how the contact can be reached.**

Site Manager/Contact is Steve Lytle. He can be reached at 323-263-1206, ext. 3203

8. **Identify the Site Owner and how the owner can be reached.**

Owner is The Salvation Army. Contact is Steve Lytle - 323-263-1206.

9. **Do you have copies of any available prior environmental site assessment reports, documents, correspondence, etc., concerning any other knowledge or experience with the property that may be pertinent to the environmental professional (i.e. lien search, title report, chain of title, previous Ph Iand II ESAs, Environmental Impact Studies)?**

Phase I prepared by Rincon in 2015
Title report pending

Rincon Project Number: 21-12270

Site Name and Full Address: Bell Oasis II, 5600 Rickenbacker Road, Bell, California 90201

Subject Property Information

1. **Did a search of recorded land title records (or judicial records, where appropriate) identify any environmental liens filed or recorded against the property?**

Please mark the box with the most appropriate response:

- [■] I **have not** reviewed the records and **do not know** if there are any filed or recorded environmental liens.
- [ ] I **have** reviewed the records, and **No, there aren't any** filed or recorded environmental liens.
- [ ] I **have** reviewed the records, and **Yes, there are** environmental liens. Explain:

2. **Did a search of recorded land title records (or judicial records, where appropriate) identify any activity and land use limitations (AULs), such as engineering controls, land use restrictions or institutional controls that are in place at the property and/or have been filed or recorded against the property under federal, tribal, state or local law?**

Please mark the box with the most appropriate response:

- [■] I **have not** reviewed the records and **do not know** if there are any filed/recorded AULs or any AULs in place at the site.
- [ ] I **have** reviewed the records, and **No, there aren't any** filed/recorded AULs or any AULs in place at the site.
- [ ] I **have** reviewed the records, and **Yes, there are** AULs filed, recorded, and/or in place at the site. Explain:

3. **Does the Title Report provide any information pertaining to environmental cleanup liens or activity and use limitations (AULs) for the subject property?**

Please mark the box with the most appropriate response:

- [ ] I **have not** reviewed the Title Report and **do not know** if it provides environmental cleanup liens or AULs information.
- [■] I **have** reviewed the Title Report, and **No, it does not provide** environmental cleanup liens or AULs information..
- [ ] I **have** reviewed the Title Report, and **Yes, it does provide** environmental cleanup liens or AULs information. Explain:

Rincon Project Number: 21-12270

Site Name and Full Address: Bell Oasis II, 5600 Rickenbacker Road, Bell, California 90201

4. **Do you have any specialized knowledge or experience related to the property or nearby properties? For example, are you involved in the same line of business as the current or former occupants of the property or an adjoining property so that you would have specialized knowledge of the chemicals and processes used by this type of business?**

Please mark the box with the most appropriate response:

- [■] **No,** I **do not** have any specialized knowledge and/or experience related to the property or nearby properties.
- [ ] Yes, I **do** have specialized knowledge and/or experience related to the property or nearby properties. Explain:

5. **As the user of this ESA, based on your knowledge and experience related to the property, are you aware of any information pertaining to a reduction in value for the subject property relative to any known environmental issues?**

Please mark the box with the most appropriate response:

- [■] **No,** I **do not** have any information about a reduction in property value relative to environmental issues.
- [ ] **Yes**, I **do** have information about a reduction in property value relative to environmental issues. Explain:

6. **Does the purchase price being paid for this property reasonably reflect the fair market value of the property?**

Please mark the box with the most appropriate response:

- [ ] **Yes**, I **do** believe the purchase price being paid for this property reasonably reflects the fair market value of the property. Skip to question #7.
- [■] **No**, I **do not** believe the purchase price being paid for this property reasonably reflects the fair market value of the property. Proceed to question #6a.

   a. **If you conclude that there is a difference, have you considered whether the lower purchase price is because contamination is known or believed to be present at the property? (40 CFR 312.29)**

      Please mark the box with the most appropriate response

      - [ ] **No**, I **have not** considered the idea that known or believed contamination at the site has caused the lower purchase price.
      - [ ] **Yes**, I **have** considered the idea that known or believed contamination at the site has caused the lower purchase price. Explain:

Not applicable as purchase is not being considered for this property.

Rincon Project Number: 21-12270

Site Name and Full Address: Bell Oasis II, 5600 Rickenbacker Road, Bell, California 90201

7. Are you aware of commonly known or reasonably ascertainable information about the property that would help the environmental professional to identify conditions indicative of releases or threatened releases? For example:

Please mark the box with the most appropriate response:

a. Do you know the past uses of the property?

- [■] I **do not** know.
- [ ] I **do** know. Explain:

b. Do you know of specific chemicals are present or once were present at the property?

- [■] I **do not** know.
- [ ] I **do** know. Explain:

c. Do you know of any spills or other chemical releases that have taken place at the property?

- [■] I **do not** know.
- [ ] I **do** know. Explain:

d. Do you know of any environmental cleanups have taken place at the property?

- [■] I **do not** know.
- [ ] I **do** know. Explain:

8. Based on your knowledge and experience related to the property are there any obvious indicators that point to the presence or likely presence of releases at the property?

Please mark the box with the most appropriate response:

- [■] **No**, I do not know and/or do not have any experience with any obvious indicators that point to the presence or likely presence of contamination at the property.
- [ ] **Yes**, I do know of and/or do have experience with obvious indicators that point to the presence or likely presence of contamination at the property. Explain:

Rincon Project Number: 21-12270

Site Name and Full Address: Bell Oasis II, 5600 Rickenbacker Road, Bell, California 90201

9. Are you aware of any pending, threatened, or past litigation relevant to hazardous substances or petroleum products, in, on, or from the site?

Please mark the box with the most appropriate response:

- [■] **No**, I am not aware of any pending, threatened, or past litigation relevant to hazardous substances or petroleum products, in, on, or from the site.
- [ ] **Yes**, I am aware of pending, threatened, or past administrative proceedings relevant to hazardous substances or petroleum products in, on, or from the site. Explain:

10. Are you aware of any pending, threatened, or past administrative proceedings relevant to hazardous substances or petroleum products in, on, or from the site?

Please mark the box with the most appropriate response:

- [■] **No**, I am not aware of any pending, threatened, or past administrative proceedings relevant to hazardous substances or petroleum products in, on, or from the site.
- [ ] **Yes**, I am aware of pending, threatened, or past administrative proceedings relevant to hazardous substances or petroleum products in, on, or from the site. Explain:

11. Are you aware of any notice from any government entity regarding any possible violation of environmental laws or possible liability relating to hazardous substances or petroleum products?

Please mark the box with the most appropriate response:

- [■] **No**, I am not aware of any notice from any government entity regarding any possible violation of environmental laws or possible liability relating to hazardous substances or petroleum products..
- [ ] **Yes**, I am aware of a notice, or notices, from a government entity (or multiple government entities) regarding a possible violation of environmental laws or possible liability relating to hazardous substances or petroleum products. Explain:

Rincon Project Number: 21-12270

Site Name and Full Address: Bell Oasis II, 5600 Rickenbacker Road, Bell, California 90201

This questionnaire was completed by (please print)

Name	Steve Lytle
Title	Director
Firm	The Salvation Army Bell Shelter
Street Address	5600 Rickenbacker Road, Bldg. 2A/B
City, State, Zip Code	Bell, CA 90201
Phone Number	323-263-1206, ext. 3203
Fax Number	323-23-8543

What is the Preparer's relationship to the property (i.e., owner, occupant, property manager, employee, agent, consultant, etc.)? Employee of owner.

Copies of the completed questionnaire should be faxed, emailed (preferably) or mailed to:

Rincon Consultants, Inc.
Attention: Environmental Site Assessment Division
2215 Faraday Avenue, Suite A
Carlsbad, CA 92008
Fax: (760) 918-9444
Email: LRoenicke@rinconconsultants.com

Preparer represents that to the best of the preparer's knowledge the above statements and facts are true and correct and to the best of the preparer's knowledge no material facts have been suppressed or misstated.

Signature Steve Lytle Digitally signed by Steve Lytle DN: cn=Steve Lytle, email=steve.lytle@usw.salvationarmy.org Date: 2022.01.09 08:13:57 -08'00' Date 1/9/2022

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Environmental Scientists | Planners | Engineers
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Property Owner Interview Questionnaire

Rincon Project Number: 21-12270

Site Name and Full Address: Bell Oasis II, 5600 Rickenback Road, Bell, California 90201

This questionnaire should be completed by the current property owner or a designated representative of the current property owner. We respectfully request that you fill out and return this form via fax at (760) 918-9444 or email to us at LRoenicke@rinconconsultants.com within one week from the date of this transmittal.

---

1. Was the subject property or any adjoining property ever used as:

- ☐ an airport
- ☐ a fire training area
- ☐ a gasoline or other fueling station
- ☐ a motor vehicle repair facility
- ☐ a commercial printing facility
- ☐ a dry cleaners
- ☐ a photo developing laboratory
- ☐ a metal plating facility
- ☐ a farm
- ☐ a Department of Defense facility or training area
- ☐ a junkyard or landfill
- ☐ a waste treatment, storage, disposal, processing or recycling facility
- ☐ a machine shop
- ☐ a manufacturing facility
- ☐ an oil production facility (including oil wells)
- ☐ any other industrial use

Please check all that apply above and describe:

None known

2. Please describe the current land uses of the subject property and those surrounding your property. Please indicate all businesses/companies located on property.

2a. Current Use of Subject Property:

Please check all that apply:	Please include a brief description of current operation:
☐ Commercial (retail, offices, etc.) ☐ Residential (single family or apartments) ☐ Industrial (manufacturing, warehousing, processing) ■ Other- Please Describe	Vacant

2b. Current Use of Northern Adjoining Properties:

Please check all that apply:	Please include a brief description of current operation:
☐ Commercial (retail, offices, etc.) ☐ Residential (single family or apartments) ■ Industrial (manufacturing, warehousing, processing) ■ Other- Please Describe	Residential – renovated warehouse operating as homeless shelter. Also some active warehouse activities.

Rincon Project Number: 21-12270

Site Name and Full Address: Bell Oasis II, 5600 Rickenback Road, Bell, California 90201

2c. Current Use of Eastern Adjoining Properties:

Please check all that apply:	Please include a brief description of current operation:
■ Commercial (retail, offices, etc.) ☐ Residential (single family or apartments) ☐ Industrial (manufacturing, warehousing, processing) ☐ Other- Please Describe	Commercial use – banks and offices.

2d. Current Use of Southern Adjoining Properties:

Please check all that apply:	Please include a brief description of current operation:
☐ Commercial (retail, offices, etc.) ☐ Residential (single family or apartments) ■ Industrial (manufacturing, warehousing, processing) ☐ Other- Please Describe	Light manufacturing

2e. Current Use of Western Adjoining Properties:

Please check all that apply:	Please include a brief description of current operation:
☐ Commercial (retail, offices, etc.) ■ Residential (single family or apartments) ☐ Industrial (manufacturing, warehousing, processing) ☐ Other- Please Describe	Permanent supportive housing

3. Please describe the previous land uses of your property and those surrounding your property. Include property ownership and dates of operation if known.

3a. Previous Use of Subject Property:

Please check all that apply:	Please include a brief description of current operation:
☐ Commercial (retail, offices, etc.) ☐ Residential (single family or apartments) ☐ Industrial (manufacturing, warehousing, processing) ■ Other- Please Describe	Former military site.

3b. Previous Use of Northern Adjoining Properties:

Please check all that apply:	Please include a brief description of current operation:
☐ Commercial (retail, offices, etc.) ☐ Residential (single family or apartments) ☐ Industrial (manufacturing, warehousing, processing) ■ Other- Please Describe	Former military site.

Rincon Project Number: 21-12270

Site Name and Full Address: Bell Oasis II, 5600 Rickenback Road, Bell, California 90201

3c. Previous Use of Eastern Adjoining Properties:

Please check all that apply:	Please include a brief description of current operation:
☐ Commercial (retail, offices, etc.) ☐ Residential (single family or apartments) ☐ Industrial (manufacturing, warehousing, processing) ■ Other- Please Describe	Commercial use – banks and offices.

3d. Previous Use of Southern Adjoining Properties:

Please check all that apply:	Please include a brief description of current operation:
☐ Commercial (retail, offices, etc.) ☐ Residential (single family or apartments) ■ Industrial (manufacturing, warehousing, processing) ☐ Other- Please Describe	Light manufacturing

3e. Previous Use of Western Adjoining Properties:

Please check all that apply:	Please include a brief description of current operation:
☐ Commercial (retail, offices, etc.) ☐ Residential (single family or apartments) ☐ Industrial (manufacturing, warehousing, processing) ■ Other- Please Describe	Former military site.

4. Who is the current owner of the property?

The Salvation Army, a California corporation

5. When did current ownership begin?

2008

6. What is the age of the on-site facility?

Not applicable. Land is vacant

7. Who is the previous owner of the property?

U.S. Government

8. Please indicate the property's current:

Electrical service provider	Southern California Edison
Natural Gas service provider	Southern California Gas Company
Water service provider	California Water Service
Sewer service provider	City of Bell
Solid waste hauler	Republic Services

Rincon Project Number: 21-12270

Site Name and Full Address: Bell Oasis II, 5600 Rickenback Road, Bell, California 90201

9. To the best of your knowledge, has your facility previously or does your facility currently store or use any of the following in individual containers larger than 5 gallons in volume or 50 gallons in the aggregate? (if Yes or Unknown, include how many, type, and size)

☐ Damaged or discarded automotive or industrial batteries	
☐ Paints	
☐ Oils or solvents	
☐ Motor vehicle fleet	
☐ Pesticides or herbicides	
☐ Other chemicals or hazardous substances	

10. Please indicate any wastes generated at the facility:

Hazardous Waste	Quantity	Disposal Method
N/A		

11. Are there currently or to the best of your knowledge have there been previously, any industrial drums (typically 55 gallon) or sacks of chemicals located on the property or at the facility?

☐ Yes ■ No ☐ Unknown	If Yes or Unknown, please describe:

12. Are there currently or to the best of your knowledge have there been previously, any evidence of fill dirt having been brought onto the property that originated from a contaminated site or that is of an unknown origin?

☐ Yes ■ No ☐ Unknown	If Yes or Unknown, please describe:

Rincon Project Number: 21-12270

Site Name and Full Address: Bell Oasis II, 5600 Rickenback Road, Bell, California 90201

13. Are there currently or to the best of your knowledge have there been previously, any pits, ponds or lagoons located on the property in connection with waste treatment or waste disposal?

☐ Yes ☒ No ☐ Unknown	If Yes or Unknown, please describe:

14. Are there currently or to the best of your knowledge have there been previously, any sumps, clarifiers, or solvent degreasers on the property?

☐ Yes ☒ No ☐ Unknown	If Yes or Unknown, please describe:

15. Are there currently or to the best of your knowledge have there been previously, any stained soil on the property?

☐ Yes ☒ No ☐ Unknown	If Yes or Unknown, please describe:

16. Are there currently or to the best of your knowledge have there been previously, any storage tanks (above or below ground) located on the property?

☐ Yes ☒ No ☐ Unknown	If Yes or Unknown, please describe:

17. Are there currently or to the best of your knowledge have there been previously, any vent pipes, fill pipes, or access ways (etc.) indicating a fill pipe protruding from the ground on the property or adjacent to any structure located on the property?

☐ Yes ☒ No ☐ Unknown	If Yes or Unknown, please describe:

18. If the property is served by a private well or non-public water system, have contaminants been identified in the well or system that exceed guidelines applicable to the water system or has the well been designated as contaminated by any government agency?

☐ Yes ☒ No ☐ Unknown	If Yes or Unknown, please describe:

Rincon Project Number: 21-12270

Site Name and Full Address: Bell Oasis II, 5600 Rickenback Road, Bell, California 90201

19. Are there currently or to the best of your knowledge have there been previously, any flooring, drains, or walls located within the facility that are stained by substances other than water, or are emitting foul odors?

☐ Yes ☒ No ☐ Unknown	If Yes or Unknown, please describe:

20. To the best of your knowledge has your facility previously or does your facility currently, discharge wastewater on or adjacent to the property other than storm water into a sanitary sewer system?

☐ Yes ☒ No ☐ Unknown	If Yes or Unknown, please describe:

21. Have any of the following ever been dumped above grade, buried and/or burned on the property? (please check all that apply and describe if possible)

☐ Hazardous substances	
☐ Petroleum products	
☐ Unidentified waste materials	
☐ Tires	
☐ Automotive or industrial batteries	
☐ Other waste materials (please describe)	

22. Are there currently or to the best of your knowledge have there been previously, a transformer, capacitor or any hydraulic equipment on the property?

☐ Yes ☒ No ☐ Unknown	If Yes or Unknown, please describe:

23. Are there currently or to the best of your knowledge have there been previously any records indicating the presence of PCBs?

☐ Yes ☒ No ☐ Unknown	If Yes or Unknown, please describe:

Rincon Project Number: 21-12270

Site Name and Full Address: Bell Oasis II, 5600 Rickenback Road, Bell, California 90201

24. Are there currently or to the best of your knowledge have there been previously any records indicating the presence of pesticides or herbicides?

☐ Yes ☒ No ☐ Unknown	If Yes or Unknown, please describe:

25. Do you have any knowledge of environmental liens that may have been recorded against the property or governmental notification relating to past or recurrent violations of environmental laws with respect to the property or any facility located on the property?

☐ Yes ☒ No ☐ Unknown	If Yes or Unknown, please describe:

26. Do you have any knowledge of activity and use limitations (AULs) such as engineering controls, deed restrictions, land use restrictions, or institutional controls that may have been recorded against the property?

☐ Yes ☒ No ☐ Unknown	If Yes or Unknown, please describe:

27. Have you been informed of the past or current existence of hazardous substances, petroleum products, or environmental violations with respect to the property or any facility located on the property?

☐ Yes ☒ No ☐ Unknown	If Yes or Unknown, please describe:

28. Do you have any knowledge of any environmental site assessments of the property or facility?

☒ Yes ☐ No ☐ Unknown	If Yes or Unknown, please describe: Phase I completed for property in 2015 by Rincon Consultants

29. Do you know of any past, threatened, or pending lawsuits or administrative proceedings concerning a release of any hazardous substances or petroleum products involving the property by any owner or occupant of the property?

☐ Yes ☒ No ☐ Unknown	If Yes or Unknown, please describe:

Rincon Project Number: 21-12270

Site Name and Full Address: Bell Oasis II, 5600 Rickenback Road, Bell, California 90201

30. Are there any site-specific geotechnical or geologic reports available for the subject property?

☒ Yes ☐ No ☐ Unknown	If Yes or Unknown, please describe: On file with owner

31. Is there a Title Report available for the subject property?

☒ Yes ☐ No ☐ Unknown	If Yes or Unknown, please describe: On file with owner

This questionnaire was completed by (please print)

Name	Steve Lytle
Title	Director
Firm	The Salvation Army Bell Shelter
Street Address	5600 Rickenbacker Road, Bldg. 2A/B
City, State, Zip Code	Bell, CA 90201
Phone Number	323-263-1206, ext. 3203
Fax Number	323-263-8543

What is the Preparer's relationship to the property (i.e., owner, occupant, property manager, employee, agent, consultant, etc.)? Employee of owner (owner is The Salvation Army)

Copies of the completed questionnaire should be faxed, emailed (preferably) or mailed to:

Rincon Consultants, Inc.
Attention: Environmental Site Assessment Division
2215 Faraday Avenue, Suite A
Carlsbad, CA 92008
Fax: (760) 918-9444
Email: LRoenicke@rinconconsultants.com

Preparer represents that to the best of the preparer's knowledge the above statements and facts are true and correct and to the best of the preparer's knowledge no material facts have been suppressed or misstated.

Signature Steve Lytle Digitally signed by Steve Lytle DN: cn=Steve Lytle, email=steve.lytle@usw.salvationarmy.org Date: 2022.01.09 08:08:58 -08'00' Date 1/9/2022

Appendix B

Regulatory Records Search

DATABASE REPORT

Project Property:	*Bell Oasis II* *5600 Rickenbacker Road* *Bell Gardens CA*
Project No:	*21-12270*
Report Type:	*Database Report*
Order No:	*21123000390*
Requested by:	*Rincon Consultants, Inc.*
Date Completed:	*January 3, 2022*

Environmental Risk Information Services
A division of Glacier Media Inc.
1.866.517.5204 | info@erisinfo.com | erisinfo.com

Table of Contents

Table of Contents.....2
Executive Summary.....3
Executive Summary: Report Summary.....4
Executive Summary: Site Report Summary - Project Property.....9
Executive Summary: Site Report Summary - Surrounding Properties.....12
Executive Summary: Summary by Data Source.....30
Map.....56
Aerial.....59
Topographic Map.....60
Detail Report.....61
Unplottable Summary.....504
Unplottable Report.....505
Appendix: Database Descriptions.....509
Definitions.....525

Notice: IMPORTANT LIMITATIONS and YOUR LIABILITY

Reliance on information in Report: This report DOES NOT replace a full Phase I Environmental Site Assessment but is solely intended to be used as database review of environmental records.

License for use of information in Report: No page of this report can be used without this cover page, this notice and the project property identifier. The information in Report(s) may not be modified or re-sold.

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Executive Summary

Property Information:

Project Property:		*Bell Oasis II* *5600 Rickenbacker Road Bell Gardens CA*
Project No:		*21-12270*
Coordinates:		
	Latitude:	*33.9879721*
	Longitude:	*-118.16687963*
	UTM Northing:	*3,761,435.92*
	UTM Easting:	*392,223.19*
	UTM Zone:	*11S*
Elevation:		*142 FT*

Order Information:

Order No:	*21123000390*
Date Requested:	*December 30, 2021*
Requested by:	*Rincon Consultants, Inc.*
Report Type:	*Database Report*

Historicals/Products:

Aerial Photographs	*Historical Aerials (with Project Boundaries)*
City Directory Search	*CD - 2 Street 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*

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								
DOE FUSRAP	Y	1	0	0	0	0	0	0
NPL	Y	1	0	0	0	**1**	0	**1**
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	**2**	-	**2**
SEMS ARCHIVE	Y	0.5	0	0	0	**5**	-	**5**
ODI	Y	0.5	0	0	0	0	-	0
CERCLIS	Y	0.5	0	0	0	**5**	-	**5**
IODI	Y	0.5	0	0	0	0	-	0
CERCLIS NFRAP	Y	0.5	0	0	0	**4**	-	**4**
CERCLIS LIENS	Y	PO	0	-	-	-	-	0
RCRA CORRACTS	Y	1	0	0	0	0	0	0
RCRA TSD	Y	0.5	0	**1**	**1**	**3**	-	**5**
RCRA LQG	Y	0.25	**1**	**1**	**2**	-	-	**4**
RCRA SQG	Y	0.25	0	**2**	0	-	-	**2**
RCRA VSQG	Y	0.25	0	0	0	-	-	0
RCRA NON GEN	Y	0.25	**1**	**2**	**11**	-	-	**14**
RCRA CONTROLS	Y	0.5	0	0	0	0	-	0
FED ENG	Y	0.5	0	0	0	**1**	-	**1**
FED INST	Y	0.5	0	0	0	**1**	-	**1**
LUCIS	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	0	-	0
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
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	**1**	0	**1**
State								
RESPONSE	Y	1	0	0	0	0	**2**	**2**
ENVIROSTOR	Y	1	**3**	**1**	**1**	**11**	**28**	**44**
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
HWP	Y	1	0	0	0	0	**1**	**1**
SWAT	Y	0.5	0	0	0	0	-	0
C&D DEBRIS RECY	Y	0.5	0	0	0	**4**	-	**4**
RECYCLING	Y	0.5	0	0	0	0	-	0
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	0	-	-	0
UST CLOSURE	Y	0.5	0	0	0	0	-	0
HHSS	Y	0.25	**2**	**4**	**1**	-	-	**7**
UST SWEEPS	Y	0.25	0	**6**	**1**	-	-	**7**
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	**1**	0	-	-	**1**
CERS TANK	Y	0.25	0	**1**	0	-	-	**1**
DELISTED CTNK	Y	0.25	0	0	**1**	-	-	**1**
HIST TANK	Y	0.25	**2**	**4**	**1**	-	-	**7**
LUR	Y	0.5	0	0	0	**2**	-	**2**
CALSITES	Y	0.5	0	0	0	**5**	-	**5**
HLUR	Y	0.5	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
DEED	Y	0.5	0	0	0	0	-	0
VCP	Y	0.5	0	0	0	0	-	0
CLEANUP SITES	Y	0.5	0	**2**	0	**6**	-	**8**
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 ILST	Y	0.5	0	0	0	0	-	0
DELISTED IUST	Y	0.25	0	0	0	-	-	0
County								
SML LA	Y	0.5	0	**3**	0	**4**	-	**7**
SWF LA COUNTY	Y	0.5	0	0	0	0	-	0
CUPA LA COUNTY	Y	0.25	**2**	**13**	**11**	-	-	**26**
HMS LA	Y	0.25	**1**	**12**	**5**	-	-	**18**
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								
FINDS/FRS	Y	PO	**2**	-	-	-	-	**2**
TRIS	Y	PO	0	-	-	-	-	0
PFAS TRI	Y	0.5	0	0	0	0	-	0
PFAS NPL	Y	0.5	0	0	0	0	-	0
PFAS WATER	Y	0.5	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
PFAS SSEHRI	Y	0.5	0	0	0	0	-	0
HMIRS	Y	0.125	0	**7**	-	-	-	**7**
NCDL	Y	0.125	0	0	-	-	-	0
TSCA	Y	0.125	0	**1**	-	-	-	**1**
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	**1**	0	0	**1**	**2**	**4**
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
URANIUM	Y	1	0	0	0	0	0	0
ALT FUELS	Y	0.25	0	0	0	-	-	0
SSTS	Y	0.25	0	0	0	-	-	0
PCB	Y	0.5	0	0	0	0	-	0
State								
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	Y	0.5	0	0	0	0	-	0
PFAS GW	Y	0.5	0	0	0	0	-	0
HWSS CLEANUP	Y	0.5	0	0	0	**1**	-	**1**
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	**1**	0	0	0	**6**	**7**

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
CHMIRS	Y	PO	0	-	-	-	-	0
HIST CHMIRS	Y	PO	0	-	-	-	-	0
HAZNET	Y	PO	**12**	-	-	-	-	**12**
HIST MANIFEST	Y	PO	**2**	-	-	-	-	**2**
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	**1**	-	**1**
CDO/CAO	Y	0.5	0	0	0	0	-	0
CERS HAZ	Y	0.125	**1**	**1**	-	-	-	**2**
DELISTED HAZ	Y	0.5	0	**1**	0	**2**	-	**3**
GEOTRACKER	Y	0.125	0	0	-	-	-	0
MINE	Y	1	0	0	0	0	0	0
LIEN	Y	PO	0	-	-	-	-	0
WASTE DISCHG	Y	0.25	0	**1**	0	-	-	**1**
EMISSIONS	Y	0.25	0	**9**	**1**	-	-	**10**
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:			***31***	***73***	***36***	***68***	***40***	***248***

**** 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	FUDS	CHELI AFS	BELL CA ***FUDS Property No:*** *J09CA0110*	S	0.00 / 0.00	0	61
2	FINDS/FRS	BELL EDUCATION AND CAREER CENTER	5600 RICKENBACKER RD BELL CA 90201 ***Registry ID:*** *110039561168*	WNW	0.00 / 0.00	0	61
2	HMS LA		5600 RICKENBACKER RD BELL CA 902016418	WNW	0.00 / 0.00	0	62
2	HHSS	FEDERAL SERVICE CENTER	5600 RICKENBACKER RD BELL CA 90201	WNW	0.00 / 0.00	0	62
2	HHSS	FEDERAL SERVICE CENTER	5600 RICKENBACKER RD BELL CA 90201	WNW	0.00 / 0.00	0	62
2	HAZNET	Z A SUPPLY DEPOT	5600 RICKENBACKER RD BELL CA 902010000	WNW	0.00 / 0.00	0	62
2	HAZNET	GENERAL SERVICE ADMINISTRATION	5600 RICKENBACKER RD BELL CA 902010000	WNW	0.00 / 0.00	0	63
2	HAZNET	VETERANS AFFAIRS SUPPLY DEPOT	5600 RICKENBACKER RD BELL CA 902010000	WNW	0.00 / 0.00	0	63
2	HAZNET	FBI WAREHOUSE	5600 RICKENBACKER RD. BELL CA 902010000	WNW	0.00 / 0.00	0	64
2	HAZNET	1X ROCKWELL INTL	5600 RICKENBACKER ROAD BELL CA 902010000	WNW	0.00 / 0.00	0	65
2	HAZNET	LAUSD BELL EDUCATION AND CAREER CENTER	5600 RICKENBACKER RD BELL CA 902010000	WNW	0.00 / 0.00	0	65
2	HAZNET	SALVATION ARMY DISASTER SERVICES DEPT	5600 RICKENBACKER RD BLDG 1C BELL CA 902016431	WNW	0.00 / 0.00	0	66
2	HAZNET	SHELTER PARTNERSHIP	5600 RICKENBACKER RD BELL CA 90201	WNW	0.00 / 0.00	0	67

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
2	HAZNET	SALVATION ARMY	5600 RICKENBACKER RD BELL CA 90201	WNW	0.00 / 0.00	0	68
2	HAZNET	JET PROPULISION LAB	5600 RICKENBACKER RD BELL CA 902010000	WNW	0.00 / 0.00	0	68
2	HAZNET	THE SALVATION ARMY	5600 RICKENBACKER RD BELL CA 902016418	WNW	0.00 / 0.00	0	70
2	HAZNET	BELL ARMED FORCES RESERVE CENTER	5600 RICKENBACKER RD BELL CA 902016418	WNW	0.00 / 0.00	0	71
2	HIST MANIFEST		5600 RICKENBACKER ROAD BELL CA 902010000	WNW	0.00 / 0.00	0	72
2	HIST MANIFEST		5600 RICKENBACKER RD BELL CA 902010000	WNW	0.00 / 0.00	0	72
2	CERS HAZ	The Salvation Army EDS Warehouse	5600 RICKENBACKER RD BELL GARDENS CA 90201	WNW	0.00 / 0.00	0	73
2	HIST TANK	FEDERAL SERVICE CENTER	5600 RICKENBACKER RD BELL CA	WNW	0.00 / 0.00	0	75
2	HIST TANK	FEDERAL SERVICE CENTER	5600 RICKENBACKER RD. BELL CA	WNW	0.00 / 0.00	0	76
2	ENVIROSTOR	M.T. SHELTER PARTNERSHIP	5600 RICKENBACKER RD. BELL CA 90201	WNW	0.00 / 0.00	0	76
			***Estor/EPA ID	Cleanup Status:*** *60002610	REFER: EPA AS OF 10/30/2018*		
2	RCRA NON GEN	CA197 BELL ARMY RESERVE CENTER	5600 RICKENBACKER RD BELL CA 90201-6418	WNW	0.00 / 0.00	0	77
			EPA Handler ID: *CAL000323717*				
2	FINDS/FRS	CA197 BELL ARMY RESERVE CENTER	5600 RICKENBACKER RD BELL CA 90201-6418	WNW	0.00 / 0.00	0	78
			Registry ID: *110070467603*				
2	CUPA LA COUNTY	THE SALVATION ARMY EDS WAREHOUSE	5600 RICKENBACKER RD BELL CA 90201	WNW	0.00 / 0.00	0	78
2	CUPA LA COUNTY	SPRINT NXTL GSA-BELL FACILITY	5600 RICKENBACKER RD BELL CA 90201	WNW	0.00 / 0.00	0	79
2	RCRA LQG	BELL EDUCATION AND CAREER CENTER	5600 RICKENBACKER RD BELL CA 90201	WNW	0.00 / 0.00	0	79

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
			EPA Handler ID: *CAR000201533*				
3	ENVIROSTOR	SALVATION ARMY	5600 RICKENBACKER ROAD BELL CA 90201 ***Estor/EPA ID | Cleanup Status:*** *60002608 | REFER: EPA AS OF 10/30/2018*	WNW	0.31 / 1,650.01	4	80
4	ENVIROSTOR	PROPOSED BELL EDUCATION AND LEARNING CENTER	5600 RICKENBACKER ROAD BELL CA 90201 ***Estor/EPA ID | Cleanup Status:*** *60001073 | CERTIFIED AS OF 10/11/2012*	NW	0.32 / 1,713.29	5	81
4	SCH	PROPOSED BELL EDUCATION AND LEARNING CENTER	5600 RICKENBACKER ROAD BELL CA 90201 ***Estor/EPA ID | Cleanup Status:*** *60001073 | CERTIFIED AS OF 10/11/2012*	NW	0.32 / 1,713.29	5	83

Executive Summary: Site Report Summary - Surrounding Properties

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
5	HMS LA		5331 E SLAUSON AVE COMMERCE CA 900402916	WSW	0.08 / 433.35	2	86
5	HHSS	ULTRA INDUSTRIES INC	5331 E SLAUSON AVE CITY OF COMMERCE CA 90040	WSW	0.08 / 433.35	2	87
5	HIST TANK	ULTRA INDUSTRIES INC.	5331 E SLAUSON AVE CITY OF COMMERCE CA	WSW	0.08 / 433.35	2	87
5	CUPA LA COUNTY	CASTROL INDUSTRIAL NORTH AMERICA	5331 E SLAUSON AVE COMMERCE CA 90040	WSW	0.08 / 433.35	2	87
6	HMS LA		5401 E SLAUSON AVE COMMERCE CA 90040	SW	0.10 / 501.96	0	87
6	EMISSIONS	G & M MATTRESS & FOAM CORP	5401 E SLAUSON AVE COMMERCE CA 90040	SW	0.10 / 501.96	0	87
6	CUPA LA COUNTY	G&M MATTRESS AND FOAM	5401 E SLAUSON AVE COMMERCE CA 90040	SW	0.10 / 501.96	0	88
7	HHSS	HUGHES STEEL AND TUBE COMPANY	5333 E. SLAUSON COMMERCE CA 90040	S	0.10 / 502.02	0	88
7	HIST TANK	HUGHES STEEL AND TUBE COMPANY	5333 E. SLAUSON COMMERCE CA	S	0.10 / 502.02	0	88
8	RCRA TSD	ENGINEERED POLYMER SOLUTIONS INC	5501 E SLAUSON AVE COMMERCE CA 90040-0000 ***EPA Handler ID:*** CAD002277093	S	0.10 / 502.87	0	88
8	RCRA LQG	ENGINEERED POLYMER SOLUTIONS INC	5501 E SLAUSON AVE COMMERCE CA 90040-0000 ***EPA Handler ID:*** CAD002277093	S	0.10 / 502.87	0	106
8	HMIRS		VALSPAR, 5501 E SLAUSEN AVE LOS ANGELES CA	S	0.10 / 502.87	0	123

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
8	HMIRS		5501 E SLAUSON AVE LOS ANGELES CA	S	0.10 / 502.87	0	125
8	DELISTED TNK	ENGINEERED POLYMER SOLUTIONS	5501 E SLAUSON AVE LOS ANGELES CA 90040	S	0.10 / 502.87	0	128
8	CLEANUP SITES	MCCLOSKEY CORP (VALSPAR)	5501 SLAUSON AVE E COMMERCE CA 90040	S	0.10 / 502.87	0	128
			***Status*	*Site Facility Type:*** OPEN - SITE ASSESSMENT	CLEANUP PROGRAM SITE		
8	CLEANUP SITES	EPS FACILITY (VALSPAR)	5501 E SLAUSON AVE COMMERCE CA 90040	S	0.10 / 502.87	0	130
			***Status*	*Site Facility Type:*** OPEN - REMEDIATION	CLEANUP PROGRAM SITE		
8	ENVIROSTOR	ENGINEERED POLYMER SOLUTIONS, INC.	5501 E. SLAUSON AVENUE COMMERCE CA 90040	S	0.10 / 502.87	0	154
			***Estor/EPA ID*	*Cleanup Status:*** 71002138	REFER: OTHER AGENCY AS OF		
8	HMS LA		5501 E SLAUSON AVE COMMERCE CA 900402920	S	0.10 / 502.87	0	154
8	HHSS	MCCLOSKEY VARNISH CO WEST	5501 E. SLAUSON AVE CITY OF COMMERCE CA 90040	S	0.10 / 502.87	0	155
8	HMIRS		5501 E SLAUSON LOS ANGELES CA	S	0.10 / 502.87	0	156
8	EMISSIONS	MC CLOSKEY VARNISH CO	5501 E SLAUSON AVE COMMERCE CA 90040	S	0.10 / 502.87	0	157
8	EMISSIONS	ENGINEERED POLYMER SOLUTIONS I	5501 E SLAUSON AVE COMMERCE CA 90040	S	0.10 / 502.87	0	158
8	EMISSIONS	ENGINEERED POLYMER SOLUTIONS I	5501 E SLAUSON AV COMMERCE CA 90040	S	0.10 / 502.87	0	158
8	EMISSIONS	MC WHORTER INC	5501 E SLAUSON AVE LOS ANGELES CA 90040	S	0.10 / 502.87	0	164
8	EMISSIONS	ENGINEERED POLYMER SOLUTIONS INC	5501 E SLAUSON AVE LOS ANGELES CA 90040	S	0.10 / 502.87	0	165

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
8	CERS TANK	ENGINEERED POLYMER SOLUTIONS	5501 E SLAUSON AVE COMMERCE CA 90040 ***Site ID:*** 114627	S	0.10 / 502.87	0	168
8	HIST TANK	MCCLOSKEY VARNISH CO WEST	5501 E. SLAUSON AVE CITY OF COMMERCE CA	S	0.10 / 502.87	0	178
8	CUPA LA COUNTY	ENGINEERED POLYMER SOLUTIONS	5501 E SLAUSON AVE COMMERCE CA 90040	S	0.10 / 502.87	0	178
8	HMIRS		5501 E SLAUSON AVE LOS ANGELES CA	S	0.10 / 502.87	0	179
8	HMIRS		5501 E SLAUSON LOS ANGELES CA	S	0.10 / 502.87	0	182
8	RCRA NON GEN	ENGINEERED POLYMER SOLUTIONS INC	5501 EAST SLAUSON AVENUE LOS ANGELES CA 90040 ***EPA Handler ID:*** CAP000147843	S	0.10 / 502.87	0	183
8	TSCA	ENGINEERED POLYMER SOLUTIONS - LOS ANGELES	5501 EAST SLAUSOM AVENUE LOS ANGELES CA 90040	S	0.10 / 502.87	0	185
8	UST SWEEPS	MC WHORTER INC	5501 E SLAUSON AVE CITY OF COMMERCE CA ***C C | Status:*** I19-000-3530 | INACTIVE ***Tank ID:*** 000015, 000001, 000007, 000013, 000004, 000014, 000019, 000006, 000005, 000012, 000018, 000010, 000008, 000011, 000016, 000017	S	0.10 / 502.87	0	186
8	UST SWEEPS	MC WHORTER INC	5501 E SLAUSON AVE CITY OF COMMERCE CA ***C C | Status:*** A19-000-3530 | ACTIVE ***Tank ID:*** 000002, 000003, 000009	S	0.10 / 502.87	0	189
9	HMS LA		5545 E SLAUSON AVE COMMERCE CA 90040	SSE	0.10 / 505.10	-1	189
10	CUPA LA COUNTY	TUKATECH INC	5527 E SLAUSON AVE A LOS ANGELES CA 90040	SSE	0.10 / 505.62	-2	190
10	CUPA LA COUNTY	SPRINT NXTL TUKATECH	5527 E SLAUSON AVE COMMERCE CA 90040	SSE	0.10 / 505.62	-2	190
11	HMS LA		5529 E SLAUSON AVE COMMERCE CA 90040	SSE	0.10 / 505.66	-2	190

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
12	HMS LA		5531 E SLAUSON AVE COMMERCE CA 90040	SSE	0.10 / 505.70	-2	190
13	RCRA NON GEN	F AND D METALS	5555 E SLAUSON AVE COMMERCE CA 90040 ***EPA Handler ID:*** CAD983582446	SE	0.10 / 515.32	-2	191
13	SML LA	FORMER MACE METAL SALES INC	5555 E SLAUSON AVE COMMERCE CA 90040	SE	0.10 / 515.32	-2	192
13	HMS LA		5555 E SLAUSON AVE COMMERCE CA 90040	SE	0.10 / 515.32	-2	192
13	CUPA LA COUNTY	MACE METAL SALES INC	5555 E SLAUSON AVE LOS ANGELES CA 90040	SE	0.10 / 515.32	-2	193
13	UST SWEEPS	LAKE SHORE PRODUCTS	5555 E SLAUSON AVE COMMERCE CA ***C C | Status:*** A19-000-1744 | ACTIVE	SE	0.10 / 515.32	-2	193
14	HMS LA		5428 E SLAUSON AVE COMMERCE CA 90040	SSW	0.10 / 520.66	0	193
14	CUPA LA COUNTY	BEAUTY DISTRIBUTION CO	5428 E SLAUSON AVE COMMERCE CA 90040	SSW	0.10 / 520.66	0	194
15	HMS LA		5424 E SLAUSON AVE COMMERCE CA 90040	SSW	0.10 / 521.50	0	194
15	EMISSIONS	ELITE LIGHTING, INC	5424 E SLAUSON AVE COMMERCE CA 90040	SSW	0.10 / 521.50	0	194
15	CUPA LA COUNTY	ELITE LIGHTING	5424 E SLAUSON AVE G COMMERCE CA 90040	SSW	0.10 / 521.50	0	194
15	CUPA LA COUNTY	CHAMPION PRODUCTS INK	5424 E SLAUSON AVE COMMERCE CA 90040	SSW	0.10 / 521.50	0	195
16	SML LA	RUSSELL PROPERTY	~5500 E SLAUSON AVE COMMERCE CA 90040	SE	0.10 / 528.47	-2	195
16	SML LA	RUSSELL PROPERTY	5500 E SLAUSON AVE COMMERCE CA 90040	SE	0.10 / 528.47	-2	195

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
16	HMS LA		5500 E SLAUSON AVE COMMERCE CA 90040	SE	0.10 / 528.47	-2	195
16	DELISTED HAZ	CARRINI INC	5500 E SLAUSON AVE COMMERCE CA 90040	SE	0.10 / 528.47	-2	195
16	CUPA LA COUNTY	ALSWEST COAST LOGISTICS	5500 E SLAUSON AVE COMMERCE CA 90040	SE	0.10 / 528.47	-2	196
16	UST SWEEPS	AMAN BROS	5500 E SLAUSON AVE COMMERCE CA ***C C*	*Status:*** A19-000-13330 | ACTIVE	SE	0.10 / 528.47	-2	196
17	RCRA SQG	REPUBLIC STL UNION DRAWN DIV LA	5424 EAST SLAUSON AVE LOS ANGELES CA 90040 ***EPA Handler ID:*** CAD094436011	SSW	0.10 / 530.53	0	196
18	HMIRS		5560 E SLAUSON LOS ANGELES CA	SE	0.10 / 532.19	-2	197
18	HMIRS		5560 E SLAUSON LOS ANGELES CA	SE	0.10 / 532.19	-2	199
19	RCRA SQG	ACTION PAINTING SVC INC	5366 E SLAUSON AVE COMMERCE CA 90040-7140 ***EPA Handler ID:*** CA0000383984	SW	0.10 / 540.62	0	201
19	CUPA LA COUNTY	CANVAS SPECIALTY	5366 E SLAUSON AVE COMMERCE CA 90040	SW	0.10 / 540.62	0	201
20	HHSS	THE LANGLOIS COMPANY	5354 E. SLAUSON AVENUE COMMERCE CA 90040	SW	0.10 / 544.72	1	202
20	EMISSIONS	THE LANGLOIS COMPANY	5354 E. SLAUSON AVE. COMMERCE CA 90022	SW	0.10 / 544.72	1	202
20	HIST TANK	THE LANGLOIS COMPANY	5354 E. SLAUSON AVENUE COMMERCE CA	SW	0.10 / 544.72	1	202
21	HMS LA		5354 E SLAUSON AVE COMMERCE CA 90040	SW	0.11 / 562.04	1	202

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
21	WASTE DISCHG	PRODUCE MARKET	5354 EAST SLAUSON AVENUE CITY OF COMMERCE CA 90040	SW	0.11 / 562.04	1	203
21	EMISSIONS	THE LANGLOIS COMPANY	5354 E SLAUSON AVE LOS ANGELES CA 90040	SW	0.11 / 562.04	1	204
21	CUPA LA COUNTY	LANGLOIS FLOUR CO	5354 E SLAUSON AVE COMMERCE CA 90040	SW	0.11 / 562.04	1	205
21	UST SWEEPS	THE LANGLOIS COMPANY	5354 E SLAUSON AVE COMMERCE CA ***C C | Status:*** I19-000-6689 | INACTIVE ***Tank ID:*** 000002	SW	0.11 / 562.04	1	205
22	UST SWEEPS	ULTRA INDUSTRIES INC	5331 E SLAUSON BLVD COMMERCE CA ***C C | Status:*** A19-000-2995 | ACTIVE	WSW	0.11 / 595.21	5	205
23	HMS LA		5560 E SLAUSON AVE COMMERCE CA 90040	SE	0.12 / 621.34	-3	205
23	CERS HAZ	Century Snacks LLC	5560 E SLAUSON AVE COMMERCE CA 90040	SE	0.12 / 621.34	-3	206
23	CUPA LA COUNTY	CENTURY SNACKS LLC	5560 E SLAUSON AVE COMMERCE CA 90040	SE	0.12 / 621.34	-3	210
24	CUPA LA COUNTY	WESTERN GOURMET FOODS	5667 MANSFIELD WAY BELL CA 90201	E	0.13 / 665.12	-2	210
25	HMS LA		5603 E SLAUSON AVE COMMERCE CA 90040	ESE	0.13 / 702.63	-3	210
26	DELISTED CTNK	Hain Celestial Group	5630 RICKENBAKER RD. BELL CA 90201	ENE	0.13 / 712.33	-1	210
26	CUPA LA COUNTY	Hain Celestial Group	5630 RICKENBACKER RD COMMERCE CA 90201	ENE	0.13 / 712.33	-1	211
26	RCRA NON GEN	THE HAIN CELESTIAL GROUP	5630 RICKENBACKER RD BELL GARDENS CA 90201-6412	ENE	0.13 / 712.33	-1	211

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
			EPA Handler ID: CAC003063267				
26	RCRA NON GEN	THE HAIN CELESTIAL GROUP	5630 RICKENBACKER RD BELL GARDENS CA 90201-6412 ***EPA Handler ID:*** CAL000457865	ENE	0.13 / 712.33	-1	212
27	HMS LA		5555 RICKENBACKER RD BELL CA 90201	N	0.15 / 766.95	1	213
28	CUPA LA COUNTY	MINOLTA BUSINESS SYSTEMS	5628 E SLAUSON AVE COMMERCE CA 90040	ESE	0.15 / 807.81	-4	213
29	CUPA LA COUNTY	LAUSD--SLAWSON SOUTHEAST OCCUPATIONAL CENTER	5500 RICKENBACKER RD BELL CA 90201	NNW	0.16 / 861.15	2	213
29	RCRA LQG	SLAWSON SOUTHEAST OCCUPATIONAL CENTER	5500 RICKENBACKER RD BELL CA 90201 ***EPA Handler ID:*** CAR000233171	NNW	0.16 / 861.15	2	214
30	RCRA NON GEN	BELL AFRC	5631 RICKENBACKER RD BELL CA 90201-6413 ***EPA Handler ID:*** CAL000352841	ENE	0.17 / 903.53	-1	215
30	CUPA LA COUNTY	NATIONAL GUARD FMS #6	5631 RICKENBACKER RD BELL CA 90201	ENE	0.17 / 903.53	-1	216
30	CUPA LA COUNTY	3D ANGLICO USMC	5631 RICKENBACKER RD B BELL CA 90201	ENE	0.17 / 903.53	-1	216
30	RCRA NON GEN	USMCR 3RD AIR AND NAVAL GUNFIRE LIAISON CO	5631 RICKENBACKER RD BELL CA 90201-6413 ***EPA Handler ID:*** CAL000360629	ENE	0.17 / 903.53	-1	216
31	CUPA LA COUNTY	VERIZON WIRELESS: COMMERCE	5701 S EASTERN AVE 400 COMMERCE CA 90040	ESE	0.18 / 972.09	-4	217
31	CUPA LA COUNTY	METROPCS CAL #LA0320B	5701 S EASTERN AVE COMMERCE CA 90040	ESE	0.18 / 972.09	-4	218
32	CUPA LA COUNTY	T-MOBILE WEST SITE ID#LA03349A	5705 S EASTERN AVE COMMERCE CA 90040	ESE	0.20 / 1,051.06	-4	218

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
33	HMS LA		5709 S EASTERN AVE COMMERCE CA 90040	ESE	0.20 / 1,052.75	-4	218
34	RCRA NON GEN	HUMAN-I-T DBA COMPUTER FOR A CAUSE	4941 EASTERN AVE BELL CA 90201 ***EPA Handler ID:*** CAL000465729	E	0.20 / 1,065.07	-4	218
35	ENVIROSTOR	US ARMY BASE 1	5631 RICKENBACKER ROAD BELL CA 90201 ***Estor/EPA ID | Cleanup Status:*** 60002609 | NO FURTHER ACTION AS OF 9/14/2018	NE	0.21 / 1,094.98	-1	219
36	HMS LA		5801 S EASTERN AVE COMMERCE CA 90040	ESE	0.22 / 1,136.47	-5	221
36	CUPA LA COUNTY	BLUE CHIP STAMPS	5801 S EASTERN AVE COMMERCE CA 90040	ESE	0.22 / 1,136.47	-5	221
36	UST SWEEPS	BLUE CHIP STAMPS	5801 S EASTERN AVE COMMERCE CA ***C C | Status:*** A19-000-190 | ACTIVE	ESE	0.22 / 1,136.47	-5	222
37	CUPA LA COUNTY	ALLIED RECORD CO	5699 RICKENBACKER RD BELL CA 90201	ENE	0.22 / 1,178.45	-3	222
38	HHSS	BLUE CHIP STAMPS	5801 SO. EASTERN AVENUE LOS ANGELES CA 90040	ESE	0.24 / 1,289.24	-5	222
38	EMISSIONS	BLUE CHIP STAMPS	5801 SOUTH EASTERN AVE. COMMERCE CA 90040	ESE	0.24 / 1,289.24	-5	222
38	HIST TANK	BLUE CHIP STAMPS	5801 SO. EASTERN AVENUE LOS ANGELES CA	ESE	0.24 / 1,289.24	-5	223
39	HMS LA		5800 S EASTERN AVE LOS ANGELES CA 90040	ESE	0.25 / 1,308.20	-5	223
39	RCRA NON GEN	BANK OF AMERICA	5800 S. EASTERN AVE. COMMERCE CA 90040 ***EPA Handler ID:*** CAC002968180	ESE	0.25 / 1,308.20	-5	223
39	RCRA TSD	AP-COMMERCE CORPORATE, LLC	5800 S. EASTERN AVE. COMMERCE CA 90040	ESE	0.25 / 1,308.20	-5	224

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
			EPA Handler ID: CAC003014782				
39	RCRA NON GEN	AP-COMMERCE CORPORATE, LLC	5800 S. EASTERN AVE. COMMERCE CA 90040 ***EPA Handler ID:*** CAC003014782	ESE	0.25 / 1,308.20	-5	225
39	RCRA LQG	LOCAL DISTRICT 6 OFFICES	5800 S EASTERN AVE COMMERCE CA 90040 ***EPA Handler ID:*** CAR000192617	ESE	0.25 / 1,308.20	-5	226
39	RCRA NON GEN	AP-COMMERCE CORPORATE, LLC	5800 S EASTERN AVE COMMERCE CA 90040-4016 ***EPA Handler ID:*** CAC003047570	ESE	0.25 / 1,308.20	-5	228
39	RCRA NON GEN	AP-COMMERCE CORPORATE, LLC	5800 S. EASTERN AVE. COMMERCE CA 90040 ***EPA Handler ID:*** CAC003101711	ESE	0.25 / 1,308.20	-5	229
39	RCRA NON GEN	BANK OF AMERICA	5800 S. EASTERN AVE. COMMERCE CA 90040 ***EPA Handler ID:*** CAC003103903	ESE	0.25 / 1,308.20	-5	230
39	RCRA NON GEN	BANK OF AMERICA	5800 S. EASTERN AVE. COMMERCE CA 90040 ***EPA Handler ID:*** CAC003120971	ESE	0.25 / 1,308.20	-5	231
40	CERCLIS	PEMACO MAYWOOD	5050 SLAUSON BOULEVARD MAYWOOD CA 90270 ***Site EPA ID:*** CAD980737092	WSW	0.29 / 1,521.14	0	232
40	FED ENG	PEMACO MAYWOOD	5050 SLAUSON BOULEVARD MAYWOOD CA 90270 ***EPA ID:*** CAD980737092	WSW	0.29 / 1,521.14	0	239
40	FED INST	PEMACO MAYWOOD	5050 SLAUSON BOULEVARD MAYWOOD CA 90270 ***EPA ID:*** CAD980737092	WSW	0.29 / 1,521.14	0	241
40	NPL	PEMACO MAYWOOD	5050 SLAUSON BOULEVARD MAYWOOD CA 90270 ***EPA ID:*** CAD980737092	WSW	0.29 / 1,521.14	0	241
40	SEMS	PEMACO MAYWOOD	5050 SLAUSON BOULEVARD MAYWOOD CA 90270 ***EPA ID:*** CAD980737092	WSW	0.29 / 1,521.14	0	242
40	SUPERFUND ROD	PEMACO MAYWOOD	5050 SLAUSON BOULEVARD MAYWOOD CA 90270	WSW	0.29 / 1,521.14	0	245
41	LUST	BLUE CHIP STAMPS (FORMER)	5835 EASTERN AVE S COMMERCE CA 90040	SE	0.29 / 1,552.21	-5	245

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
			***Global ID	Status	Status Date:*** T0603703945	COMPLETED - CASE CLOSED	4/10/1997				
42	SML LA	HILL REFRIGERATION	5804 E SLAUSON AVE COMMERCE CA 90040	ESE	0.31 / 1,641.28	-6	247
42	DELISTED HAZ	99cents Only Stores	5804 E SLAUSON AVE COMMERCE CA 90040	ESE	0.31 / 1,641.28	-6	247
43	LUST	DUNN-EDWARDS CORP.	5811 DISTRICT BLVD VERNON CA 90058	W	0.32 / 1,693.88	1	247
			***Global ID	Status	Status Date:*** T0603701144	COMPLETED - CASE CLOSED	1/1/2000				
44	LUST	G&G PRODUCE INCORPORATED	5949 EASTERN AVE S COMMERCE CA 90040	SE	0.32 / 1,704.55	-5	249
			***Global ID	Status	Status Date:*** T0603703044	COMPLETED - CASE CLOSED	12/20/1996				
45	CLEANUP SITES	CITY OF MAYWOOD	5950 WALKER AVE MAYWOOD CA 90270	SW	0.35 / 1,833.94	-1	251
			***Status	Site Facility Type:*** COMPLETED - CASE CLOSED	CLEANUP PROGRAM SITE						
46	HWSS CLEANUP	PEMACO CHEMICAL CORPORATION FORMER	5040-5050 SLAUSON BLVD. MAYWOOD CA 90270	WSW	0.35 / 1,840.76	5	252
			***Estor/EPA ID	Cleanup Status:*** 19281217	ACTIVE AS OF 6/15/2020						
46	ENVIROSTOR	PEMACO CHEMICAL CORPORATION FORMER	5040-5050 SLAUSON BLVD. MAYWOOD CA 90270	WSW	0.35 / 1,840.76	5	262
			***Estor/EPA ID	Cleanup Status:*** 19281217	ACTIVE AS OF 6/15/2020						
46	HIST CORTESE	PEMACO FORMER CHEMICAL CORPORATION	5040-5050 SLAUSON BLVD. MAYWOOD CA 90270	WSW	0.35 / 1,840.76	5	270
46	LUR	PEMACO CHEMICAL CORPORATION FORMER	5040-5050 SLAUSON BLVD. MAYWOOD CA 90270	WSW	0.35 / 1,840.76	5	270
			***Estor/EPA ID	Cleanup Status:*** 19281217	ACTIVE AS OF 6/15/2020						
46	CALSITES	PEMACO FORMER CHEMICAL CORPORATION	5040-5050 SLAUSON BLVD. MAYWOOD CA 90270	WSW	0.35 / 1,840.76	5	278
47	SEMS ARCHIVE	CALIFORNIA BY- PRODUCTS	5717 SOUTH DISTRICT BLVD LOS ANGELES CA 90040	W	0.35 / 1,872.42	0	279
			EPA ID: CAN000909427				
48	CERCLIS	JOE'S PLASTICS	5725 DISTRICT BLVD. VERNON CA 90058	W	0.37 / 1,928.63	-2	279
			Site EPA ID: CAD983624230				

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
48	CERCLIS NFRAP	JOE'S PLASTICS	5725 DISTRICT BLVD. VERNON CA 90058	W	0.37 / 1,928.63	-2	281
			Site EPA ID: CAD983624230				
48	ENVIROSTOR	JOE'S PLASTICS	5725 DISTRICT BLVD. VERNON CA 90040	W	0.37 / 1,928.63	-2	281
			***Estor/EPA ID	Cleanup Status:*** 19300235	REFER: OTHER AGENCY AS OF 8/31/1995		
48	SEMS	JOE'S PLASTICS	5725 DISTRICT BLVD. VERNON CA 90058	W	0.37 / 1,928.63	-2	283
			EPA ID: CAD983624230				
48	CALSITES	JOE'S PLASTICS	5725 DISTRICT BLVD. VERNON CA 90040	W	0.37 / 1,928.63	-2	284
48	C&D DEBRIS RECY	JOE'S PLASTIC INC	5725 DISTRICT BLVD LOS ANGELES CA 90058	W	0.37 / 1,928.63	-2	284
49	CLEANUP SITES	JOE'S PLASTICS	5717-5801 DISTRICT BLVD VERNON CA 90058	W	0.37 / 1,961.99	-3	285
			***Status	Site Facility Type:*** OPEN - SITE ASSESSMENT	CLEANUP PROGRAM SITE		
50	LUST	BRM INVESTMENTS CO/CHAPMAN	6045 DISTRICT BLVD S MAYWOOD CA 90270	SW	0.38 / 1,982.95	-9	288
			***Global ID	Status	Status Date:*** T0603705320	COMPLETED - CASE CLOSED	12/9/1993		
51	CLEANUP SITES	LUBRICATING OIL SERVICES	5989 SOUTH DISTRICT BLVD MAYWOOD CA	WSW	0.38 / 2,008.69	1	290
			***Status	Site Facility Type:*** COMPLETED - CASE CLOSED	CLEANUP PROGRAM SITE		
52	FUDS	LOS ANGELES ORDNANCE DEPOT	VERNON CA	SE	0.38 / 2,027.13	-5	292
			FUDS Property No: J09CA0432				
53	RCRA TSD	PEMACO SUPERFUND SITE TREATMENT PLANT	5155 E 60TH ST MAYWOOD CA 90270	WSW	0.39 / 2,064.17	-2	293
			EPA Handler ID: CAD980737092				
54	CLEANUP SITES	W.W. HENRY	5920 ALAMO AVE MAYWOOD CA 90270	WSW	0.42 / 2,191.89	0	294
			***Status	Site Facility Type:*** OPEN - REMEDIATION	CLEANUP PROGRAM SITE		
55	C&D DEBRIS RECY	AMERICAN GRAPHIC BOARD, INC.	5880 E SLAUSON AVE COMMERCE CA 90040	ESE	0.43 / 2,256.97	-6	316
56	C&D DEBRIS RECY	LOS ANGELES PAPER BOX & BOARD MILLS (DIVISION OF CROCKETT PACKAGING)	6027 SOUTH EASTERN AVE COMMERCE CA 90040	SSE	0.43 / 2,266.03	-5	316

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
57	RCRA TSD	STEEL SERVICES CO.	5637 DISTRICT BLVD VERNON CA 90058 ***EPA Handler ID:*** CAC003017471	W	0.43 / 2,292.29	-3	316
58	CERCLIS	BAKER CASTOR OIL	5585 E 61ST ST CITY OF COMMERCE CA 90040 ***Site EPA ID:*** CAD980636203	SSE	0.44 / 2,298.69	-4	317
58	CERCLIS NFRAP	BAKER CASTOR OIL	5585 E 61ST ST CITY OF COMMERCE CA 90040 ***Site EPA ID:*** CAD980636203	SSE	0.44 / 2,298.69	-4	319
58	SEMS ARCHIVE	BAKER CASTOR OIL	5585 E 61ST ST CITY OF COMMERCE CA 90040 ***EPA ID:*** CAD980636203	SSE	0.44 / 2,298.69	-4	320
58	RCRA TSD	THE NEWARK GROUP INC - RECYCLING	5585 E 61ST ST COMMERCE CA 90040-3405 ***EPA Handler ID:*** CAL000294382	SSE	0.44 / 2,298.69	-4	320
58	CALSITES	BAKER CASTOR OIL	5585 EAST 61ST STREET LOS ANGELES CA 90003	SSE	0.44 / 2,298.69	-4	321
59	ENVIROSTOR	COGNIS CORPORATION/HENKEL	5568 E. 61ST STREET COMMERCE CA 90040 ***Estor/EPA ID	Cleanup Status:*** 71002632 | CERTIFIED O&M - LAND USE RESTRICTIONS ONLY AS OF 5/16/2012	S	0.44 / 2,298.82	-4	322
59	LUR	COGNIS CORPORATION/HENKEL	5568 E. 61ST STREET COMMERCE CA 90040 ***Estor/EPA ID	Cleanup Status:*** 71002632 | CERTIFIED O&M - LAND USE RESTRICTIONS ONLY AS OF 5/16/2012	S	0.44 / 2,298.82	-4	328
60	LUST	COGNIS CORPORATION	5568 61ST ST. E. COMMERCE CA 90040 ***Global ID	Status	Status Date:*** T0603779757 | COMPLETED - CASE CLOSED | 2/18/2009	S	0.44 / 2,309.55	-4	335
61	CERCLIS	HECHT PROPERTIES	6014 SOUTH EASTERN AVE. CITY OF COMMERCE CA 90040 ***Site EPA ID:*** CAD981619786	SE	0.44 / 2,319.09	-5	338
61	CERCLIS NFRAP	HECHT PROPERTIES	6014 SOUTH EASTERN AVE. CITY OF COMMERCE CA 90040 ***Site EPA ID:*** CAD981619786	SE	0.44 / 2,319.09	-5	339
61	SML LA	KROGER COMPANY	6014 S EASTERN AVE COMMERCE CA 90040	SE	0.44 / 2,319.09	-5	340
61	LUST	KROGER CO PROPERTY (FORMER)	6014 EASTERN AVE S COMMERCE CA 90040 ***Global ID	Status	Status Date:*** T0603702699 | COMPLETED - CASE CLOSED | 8/7/1996	SE	0.44 / 2,319.09	-5	340

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61	ENVIROSTOR	COMMERCE BUSINESS CENTER	6014 SOUTH EASTERN AVENUE COMMERCE CA 90022	SE	0.44 / 2,319.09	-5	343
			***Estor/EPA ID	Cleanup Status:*** 19730192 | REFER: OTHER AGENCY AS OF 8/31/1995			
61	SEMS ARCHIVE	HECHT PROPERTIES	6014 SOUTH EASTERN AVE. CITY OF COMMERCE CA 90040	SE	0.44 / 2,319.09	-5	344
			EPA ID: CAD981619786				
61	CALSITES	COMMERCE BUSINESS CENTER	6014 SOUTH EASTERN AVENUE COMMERCE CA 90022	SE	0.44 / 2,319.09	-5	344
62	ENVIROSTOR	DUNN EDWARDS	4905 EAST 52ND PLACE VERNON CA 90058	W	0.45 / 2,352.67	0	345
			***Estor/EPA ID	Cleanup Status:*** 60001974 | REFER: EPA AS OF 6/11/2014			
63	ENVIROSTOR	BAKER CASTOR OIL	5585 EAST 61ST STREET LOS ANGELES CA 90003	SSE	0.45 / 2,372.87	-4	346
			***Estor/EPA ID	Cleanup Status:*** 19200019 | NO FURTHER ACTION AS OF 1/17/1984			
64	DELISTED HAZ	TSU	5825 RICKENBACKER RD COMMERCE CA 90040	ENE	0.45 / 2,377.12	-3	347
65	C&D DEBRIS RECY	CRISTAL MATERIALS	5650 E 61ST ST COMMERCE CA 90040	SSE	0.45 / 2,401.91	-5	347
66	ENVIROSTOR	COOK INDUCTION HEAT TREATING	4925 E. SLAUSON AVE MAYWOOD CA 90270	WSW	0.46 / 2,422.07	0	347
			***Estor/EPA ID	Cleanup Status:*** 60001486 | NO ACTION REQUIRED AS OF 6/30/2011			
67	SML LA	HENKEL CORPORATION/COGNIS CORP	5568 E 61ST ST COMMERCE CA 90040	S	0.46 / 2,446.67	-2	348
68	CLEANUP SITES	COOK INDUCTION HEATING CO., INC.	4925 SLAUSON AVENUE MAYWOOD CA 90270	WSW	0.46 / 2,451.52	0	348
			***Status	Site Facility Type:*** OPEN - ELIGIBLE FOR CLOSURE | CLEANUP PROGRAM SITE			
69	ENVIROSTOR	COOK INDUCTION HEAT TREATING CO INC	4925 E SLAUSON AVE MAYWOOD CA 90270	WSW	0.47 / 2,463.38	0	351
			***Estor/EPA ID	Cleanup Status:*** 60001973 | NO ACTION REQUIRED AS OF 6/11/2014			
70	ENVIROSTOR	EMPTY LOT	5611 DISTRICT BOULEVARD VERNON CA 90040	W	0.47 / 2,491.67	-1	351
			***Estor/EPA ID	Cleanup Status:*** 60002605 | REFER: EPA AS OF 10/23/2018			
71	LUST	INLAND CONTAINER CORP	5991 BANDINI BLVD BELL CA 90201	ENE	0.48 / 2,510.93	4	352
			***Global ID	Status	Status Date:*** T0603703963 | COMPLETED - CASE CLOSED | 5/16/1997		

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
72	ENVIROSTOR	MAGNUS CO INC	6135 DISTRICT BLVD LOS ANGELES CA 90040	SSW	0.48 / 2,516.74	-7	354
			***Estor/EPA ID	Cleanup Status:*** 19370355 | REFER: OTHER AGENCY AS OF 12/3/1987			
72	CALSITES	MAGNUS CO INC	6135 DISTRICT BLVD LOS ANGELES CA 90040	SSW	0.48 / 2,516.74	-7	355
73	CERCLIS	MAGNUS CO INC	6135 DISTRICT BLVD CITY OF COMMERCE CA 90040 ***Site EPA ID:*** CAD980636211	SSW	0.48 / 2,518.03	-7	355
73	CERCLIS NFRAP	MAGNUS CO INC	6135 DISTRICT BLVD CITY OF COMMERCE CA 90040 ***Site EPA ID:*** CAD980636211	SSW	0.48 / 2,518.03	-7	357
73	SEMS ARCHIVE	MAGNUS CO INC	6135 DISTRICT BLVD CITY OF COMMERCE CA 90040 ***EPA ID:*** CAD980636211	SSW	0.48 / 2,518.03	-7	358
74	ENVIROSTOR	PI BELL PROPERTIES A&B	5391 RICKENBACKER ROAD BELL CA 90201	NW	0.48 / 2,535.39	5	359
			***Estor/EPA ID	Cleanup Status:*** 60002606 | REFER: EPA AS OF 1/30/2020			
75	SEMS ARCHIVE	Dunn Edwards	4905 East 52nd Place VERNON CA 90058 ***EPA ID:*** CAN000900143	W	0.49 / 2,561.19	1	359
76	LUST	LAIDLAW TRANSIT, INC.	4702 EASTERN AVE S BELL CA 90201	NE	0.49 / 2,575.69	4	360
			***Global ID	Status	Status Date:*** T0603703950 | COMPLETED - CASE CLOSED | 1/6/1998		
77	SML LA	TRAMMEL CROW CO.	5550 BANDINI BLVD BELL CA 90201	N	0.49 / 2,577.54	2	362
77	CLEANUP SITES	TRAMMELL CROW CO.	5550 E. BANDINI BLVD BELL CA 90201	N	0.49 / 2,577.54	2	362
			***Status	Site Facility Type:*** COMPLETED - CASE CLOSED | CLEANUP PROGRAM SITE			
78	ENVIROSTOR	CHRYSLER MOTORS	COMMERCE CA	ESE	0.50 / 2,641.86	-7	364
			***Estor/EPA ID	Cleanup Status:*** 80000998 | INACTIVE - NEEDS EVALUATION AS OF 7/1/2005			
78	FUDS	CHRYSLER MOTORS	COMMERCE CA ***FUDS Property No:*** J09CA7357	ESE	0.50 / 2,641.86	-7	365
79	SCH	SOUTH REGION HIGH SCHOOL #8	RANDOLPH STREET MAYWOOD CA 90270	SW	0.51 / 2,695.13	-5	365
			***Estor/EPA ID	Cleanup Status:*** 60000820 | INACTIVE - ACTION REQUIRED AS OF 4/2/2009			

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
79	ENVIROSTOR	SOUTH REGION HIGH SCHOOL #8	RANDOLPH STREET MAYWOOD CA 90270	SW	0.51 / 2,695.13	-5	367
			***Estor/EPA ID	Cleanup Status:*** 60000820 | INACTIVE - ACTION REQUIRED AS OF 4/2/2009			
80	RESPONSE	SOUTHLAND OIL	5619-5621 RANDOLPH STREET COMMERCE CA 90040	SSE	0.53 / 2,796.84	-3	368
			***Estor/EPA ID	Cleanup Status:*** 19290003 | CERTIFIED / OPERATION & MAINTENANCE AS OF 8/16/2002			
80	ENVIROSTOR	SOUTHLAND OIL	5619-5621 RANDOLPH STREET COMMERCE CA 90040	SSE	0.53 / 2,796.84	-3	377
			***Estor/EPA ID	Cleanup Status:*** 19290003 | CERTIFIED / OPERATION & MAINTENANCE AS OF 8/16/2002			
81	ENVIROSTOR	USARC BELL	BELL CA	NNW	0.55 / 2,886.82	4	387
			***Estor/EPA ID	Cleanup Status:*** 80000494 | INACTIVE - NEEDS EVALUATION AS OF 7/1/2005			
81	FUDS	USARC BELL	BELL CA	NNW	0.55 / 2,886.82	4	388
			FUDS Property No: J09CA0660				
82	ENVIROSTOR	SAINT-GOBAIN CONTAINERS, LLC.	4855 E. 52ND PLACE LOS ANGELES CA 90040	W	0.58 / 3,046.44	4	388
			***Estor/EPA ID	Cleanup Status:*** 71003505 | REFER: OTHER AGENCY AS OF			
83	ENVIROSTOR	PACIFIC PRECISION FORMULATORS	5511 DISTRICT BLVD VERNON CA 90058	WNW	0.58 / 3,059.98	6	389
			***Estor/EPA ID	Cleanup Status:*** 60001977 | REFER: LOCAL AGENCY AS OF 5/27/2014			
84	INSP COMP ENF	DAVID H FELL AND COMPANY INC	6009 BANDINI BLVD LOS ANGELES CA 90040	ENE	0.58 / 3,078.30	-1	390
84	ENVIROSTOR	DAVID H FELL AND COMPANY INC	6009 BANDINI BLVD LOS ANGELES CA 900402904	ENE	0.58 / 3,078.30	-1	394
			***Estor/EPA ID	Cleanup Status:*** CAL000110141 |			
84	HWP	DAVID H FELL AND COMPANY INC	6009 BANDINI BLVD LOS ANGELES CA 900402904	ENE	0.58 / 3,078.30	-1	398
			Estor/EPA ID: CAL000110141				
85	SCH	HELIOTROPE AVENUE ELEM. SCHOOL ADDITION	5911 WOODLAWN AVENUE MAYWOOD CA 90270	W	0.59 / 3,129.18	1	402
			***Estor/EPA ID	Cleanup Status:*** 19820056 | NO ACTION REQUIRED AS OF 8/25/2003			
85	ENVIROSTOR	HELIOTROPE AVENUE ELEM. SCHOOL ADDITION	5911 WOODLAWN AVENUE MAYWOOD CA 90270	W	0.59 / 3,129.18	1	403
			***Estor/EPA ID	Cleanup Status:*** 19820056 | NO ACTION REQUIRED AS OF 8/25/2003			
86	ENVIROSTOR	CHELIS A	5316 LINDBERGH LN. BELL CA 90201	NW	0.59 / 3,133.47	6	403

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
			***Estor/EPA ID	Cleanup Status:*** 60002604 | ACTIVE AS OF 1/20/2018			
87	ENVIROSTOR	INDIVIDUAL FOOD SERVICE	5350-5380 LINDBERGH LANE BELL CA 90201	NW	0.61 / 3,241.70	7	404
			***Estor/EPA ID	Cleanup Status:*** 60002049 | CERTIFIED O&M - LAND USE RESTRICTIONS ONLY AS OF 3/17/2016			
88	ENVIROSTOR	KOP COAT, INC.	5431 DISTRICT BOULEVARD VERNON CA 90040	WNW	0.64 / 3,381.97	6	408
			***Estor/EPA ID	Cleanup Status:*** 60002176 | ACTIVE AS OF 4/23/2015			
89	ENVIROSTOR	WEA MANUFACTURING COMMERCE	6110 PEACHTREE STREET LOS ANGELES CA 90040	ESE	0.72 / 3,821.97	-6	410
			***Estor/EPA ID	Cleanup Status:*** 71003755 | REFER: OTHER AGENCY AS OF			
90	ENVIROSTOR	CHELI AFS	 BELL CA 90201	NNW	0.74 / 3,927.09	5	410
			***Estor/EPA ID	Cleanup Status:*** 80000162 | INACTIVE - NEEDS EVALUATION AS OF 8/15/2018			
91	ENVIROSTOR	PATTON HALL - US ARMY RESERVE CENTER	5340 BANDINI BLVD. BELL CA 90040	NW	0.79 / 4,149.54	9	411
			***Estor/EPA ID	Cleanup Status:*** 19970026 | REFER: 1248 LOCAL AGENCY AS OF 1/28/2005			
92	ENVIROSTOR	PRESSURE SYSTEMS, INC.	6033 E. BANDINI BOULEVARD COMMERCE CA 90040 ***Estor/EPA ID	Cleanup Status:*** 71002156 | REFER: OTHER AGENCY AS OF	ENE	0.80 / 4,215.47	-2	411
93	ENVIROSTOR	COMPASS MANAGEMENT AND LEASING OF IRVINE	6033 BANDINI BLVD. COMMERCE CA 90022	ENE	0.81 / 4,275.20	-1	412
			***Estor/EPA ID	Cleanup Status:*** 19380057 | REFER: OTHER AGENCY AS OF 7/28/1994			
94	ENVIROSTOR	SOUTH REGION HIGH SCHOOL #8, SITE 18	BETWEEN E SLAUSON AVE/MAYFLOWER AVE/KING AVE/E 57TH ST MAYWOOD CA 90720 ***Estor/EPA ID	Cleanup Status:*** 60001075 | CERTIFIED AS OF 2/17/2015	W	0.84 / 4,433.90	7	413
94	SCH	SOUTH REGION HIGH SCHOOL #8, SITE 18	BETWEEN E SLAUSON AVE/MAYFLOWER AVE/KING AVE/E 57TH ST MAYWOOD CA 90720 ***Estor/EPA ID	Cleanup Status:*** 60001075 | CERTIFIED AS OF 2/17/2015	W	0.84 / 4,433.90	7	419
95	ENVIROSTOR	FORMER THERMADOR INDUSTRIAL SITE	5119-5309 DISTRICT BOULEVARD VERNON CA 90058 ***Estor/EPA ID	Cleanup Status:*** 60001916 | ACTIVE AS OF 8/12/2013	WNW	0.89 / 4,705.76	13	425
96	SCH	WOODLAWN ELEMENTARY SCHOOL PLAYGROUND	6314 WOODLAWN AVENUE BELL CA 90201	SW	0.90 / 4,762.63	-7	437
			***Estor/EPA ID	Cleanup Status:*** 19820062 | NO ACTION REQUIRED AS OF 9/26/2002			
96	SCH	WOODLAWN ELEMENTARY SCHOOL	6314 WOODLAWN AVENUE BELL CA 90201-1417	SW	0.90 / 4,762.63	-7	438

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
			***Estor/EPA ID	Cleanup Status:*** 19820045 | NO FURTHER ACTION AS OF 7/3/2003			
96	ENVIROSTOR	WOODLAWN ELEMENTARY SCHOOL PLAYGROUND	6314 WOODLAWN AVENUE BELL CA 90201	SW	0.90 / 4,762.63	-7	440
			***Estor/EPA ID	Cleanup Status:*** 19820062 | NO ACTION REQUIRED AS OF 9/26/2002			
96	ENVIROSTOR	WOODLAWN ELEMENTARY SCHOOL	6314 WOODLAWN AVENUE BELL CA 90201-1417	SW	0.90 / 4,762.63	-7	440
			***Estor/EPA ID	Cleanup Status:*** 19820045 | NO FURTHER ACTION AS OF 7/3/2003			
97	RESPONSE	NEWCROW II	6141 TO 6241 RANDOLPH STREET COMMERCE CA 90040	SE	0.93 / 4,905.46	-5	442
			***Estor/EPA ID	Cleanup Status:*** 60000714 | ACTIVE AS OF 5/11/2021			
97	ENVIROSTOR	NEWCROW II	6141 TO 6241 RANDOLPH STREET COMMERCE CA 90040	SE	0.93 / 4,905.46	-5	461
			***Estor/EPA ID	Cleanup Status:*** 60000714 | ACTIVE AS OF 5/11/2021			
98	ENVIROSTOR	VALLEY PLATING WORKS, INC.	5900 E. SHEILA STREET COMMERCE CA 90040	ENE	0.93 / 4,910.68	0	481
			***Estor/EPA ID	Cleanup Status:*** 71003683 | REFER: OTHER AGENCY AS OF			
99	ENVIROSTOR	COMMERCE/REFUSE TO ENERGY	5900 SHEILA STREET COMMERCE CA 90040	ENE	0.93 / 4,916.38	0	481
			***Estor/EPA ID	Cleanup Status:*** 19250003 | ACTIVE AS OF 4/18/1996			
100	ENVIROSTOR	TEPCO, INC	6274 EAST PEACHTREE STREET COMMERCE CA 90040	ESE	0.95 / 5,013.12	-2	494
			***Estor/EPA ID	Cleanup Status:*** 19150001 | REFER: OTHER AGENCY AS OF 8/21/1995			
101	SCH	MAYWOOD NEW ELEMENTARY SCHOOL NO. 5	ATLANTIC BOULEVARD/52ND STREET MAYWOOD CA 90270-2425	WNW	0.96 / 5,042.77	15	495
			***Estor/EPA ID	Cleanup Status:*** 19880027 | NO FURTHER ACTION AS OF 2/27/2004			
101	ENVIROSTOR	MAYWOOD NEW ELEMENTARY SCHOOL NO. 5	ATLANTIC BOULEVARD/52ND STREET MAYWOOD CA 90270-2425	WNW	0.96 / 5,042.77	15	497
			***Estor/EPA ID	Cleanup Status:*** 19880027 | NO FURTHER ACTION AS OF 2/27/2004			
102	ENVIROSTOR	BOYLE MIDWAY HOUSEHOLD PRODUCTS - NORTH	NORTH PORTION OF EAST SHEILA STREET COMMERCE CA 90040	ENE	0.98 / 5,159.96	-1	498
			***Estor/EPA ID	Cleanup Status:*** 19280491 | NO FURTHER ACTION AS OF 3/14/1996			
102	ENVIROSTOR	BOYLE MIDWAY HOUSEHOLD PRODUCTS - SOUTH	SOUTH PORTION 6000 EAST SHEILA STREET COMMERCE CA 90040	ENE	0.98 / 5,159.96	-1	500
			***Estor/EPA ID	Cleanup Status:*** 19281212 | NO FURTHER ACTION AS OF 8/14/1996			
103	ENVIROSTOR	COMMERCE TRANSPORTATION CENTER	5555 JILLSON STREET COMMERCE CA 90040	NNE	0.99 / 5,244.65	0	502

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number

Estor/EPA ID | Cleanup Status: 60002881 | ACTIVE AS OF 9/18/2019

Executive Summary: Summary by Data Source

Standard

Federal

NPL - National Priority List

A search of the NPL database, dated Oct 20, 2021 has found that there are 1 NPL site(s) within approximately 1.00 miles of the project property.

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
PEMACO MAYWOOD	5050 SLAUSON BOULEVARD MAYWOOD CA 90270 ***EPA ID**: CAD980737092*	WSW	0.29 / 1,521.14	40

SEMS - SEMS List 8R Active Site Inventory

A search of the SEMS database, dated Oct 20, 2021 has found that there are 2 SEMS site(s) within approximately 0.50 miles of the project property.

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
PEMACO MAYWOOD	5050 SLAUSON BOULEVARD MAYWOOD CA 90270 ***EPA ID**: CAD980737092*	WSW	0.29 / 1,521.14	40
JOE'S PLASTICS	5725 DISTRICT BLVD. VERNON CA 90058 ***EPA ID**: CAD983624230*	W	0.37 / 1,928.63	48

SEMS ARCHIVE - SEMS List 8R Archive Sites

A search of the SEMS ARCHIVE database, dated Oct 20, 2021 has found that there are 5 SEMS ARCHIVE site(s) within approximately 0.50 miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
Dunn Edwards	4905 East 52nd Place VERNON CA 90058 ***EPA ID**: CAN000900143*	W	0.49 / 2,561.19	75

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
CALIFORNIA BY-PRODUCTS	5717 SOUTH DISTRICT BLVD LOS ANGELES CA 90040 ***EPA ID**: CAN000909427*	W	0.35 / 1,872.42	47
BAKER CASTOR OIL	5585 E 61ST ST CITY OF COMMERCE CA 90040 ***EPA ID**: CAD980636203*	SSE	0.44 / 2,298.69	58

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
HECHT PROPERTIES	6014 SOUTH EASTERN AVE. CITY OF COMMERCE CA 90040 ***EPA ID**: CAD981619786*	SE	0.44 / 2,319.09	61
MAGNUS CO INC	6135 DISTRICT BLVD CITY OF COMMERCE CA 90040 ***EPA ID**: CAD980636211*	SSW	0.48 / 2,518.03	73

CERCLIS - Comprehensive Environmental Response, Compensation and Liability Information System - CERCLIS

A search of the CERCLIS database, dated Oct 25, 2013 has found that there are 5 CERCLIS site(s) within approximately 0.50 miles of the project property.

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
PEMACO MAYWOOD	5050 SLAUSON BOULEVARD MAYWOOD CA 90270 ***Site EPA ID**: CAD980737092*	WSW	0.29 / 1,521.14	40
JOE'S PLASTICS	5725 DISTRICT BLVD. VERNON CA 90058 ***Site EPA ID**: CAD983624230*	W	0.37 / 1,928.63	48
BAKER CASTOR OIL	5585 E 61ST ST CITY OF COMMERCE CA 90040 ***Site EPA ID**: CAD980636203*	SSE	0.44 / 2,298.69	58
HECHT PROPERTIES	6014 SOUTH EASTERN AVE. CITY OF COMMERCE CA 90040 ***Site EPA ID**: CAD981619786*	SE	0.44 / 2,319.09	61
MAGNUS CO INC	6135 DISTRICT BLVD CITY OF COMMERCE CA 90040 ***Site EPA ID**: CAD980636211*	SSW	0.48 / 2,518.03	73

CERCLIS NFRAP - CERCLIS - No Further Remedial Action Planned

A search of the CERCLIS NFRAP database, dated Oct 25, 2013 has found that there are 4 CERCLIS NFRAP site(s) within approximately 0.50 miles of the project property.

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
JOE'S PLASTICS	5725 DISTRICT BLVD. VERNON CA 90058 ***Site EPA ID**: CAD983624230*	W	0.37 / 1,928.63	48
BAKER CASTOR OIL	5585 E 61ST ST CITY OF COMMERCE CA 90040 ***Site EPA ID**: CAD980636203*	SSE	0.44 / 2,298.69	58
HECHT PROPERTIES	6014 SOUTH EASTERN AVE. CITY OF COMMERCE CA 90040 ***Site EPA ID**: CAD981619786*	SE	0.44 / 2,319.09	61

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
MAGNUS CO INC	6135 DISTRICT BLVD CITY OF COMMERCE CA 90040 ***Site EPA ID**: CAD980636211*	SSW	0.48 / 2,518.03	73

RCRA TSD - RCRA non-CORRACTS TSD Facilities

A search of the RCRA TSD database, dated Nov 17, 2021 has found that there are 5 RCRA TSD site(s) within approximately 0.50 miles of the project property.

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
ENGINEERED POLYMER SOLUTIONS INC	5501 E SLAUSON AVE COMMERCE CA 90040-0000 ***EPA Handler ID**: CAD002277093*	S	0.10 / 502.87	8
AP-COMMERCE CORPORATE, LLC	5800 S. EASTERN AVE. COMMERCE CA 90040 ***EPA Handler ID**: CAC003014782*	ESE	0.25 / 1,308.20	39
PEMACO SUPERFUND SITE TREATMENT PLANT	5155 E 60TH ST MAYWOOD CA 90270 ***EPA Handler ID**: CAD980737092*	WSW	0.39 / 2,064.17	53
STEEL SERVICES CO.	5637 DISTRICT BLVD VERNON CA 90058 ***EPA Handler ID**: CAC003017471*	W	0.43 / 2,292.29	57
THE NEWARK GROUP INC - RECYCLING	5585 E 61ST ST COMMERCE CA 90040-3405 ***EPA Handler ID**: CAL000294382*	SSE	0.44 / 2,298.69	58

RCRA LQG - RCRA Generator List

A search of the RCRA LQG database, dated Nov 17, 2021 has found that there are 4 RCRA LQG site(s) within approximately 0.25 miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
BELL EDUCATION AND CAREER CENTER	5600 RICKENBACKER RD BELL CA 90201 ***EPA Handler ID**: CAR000201533*	WNW	0.00 / 0.00	2
SLAWSON SOUTHEAST OCCUPATIONAL CENTER	5500 RICKENBACKER RD BELL CA 90201 ***EPA Handler ID**: CAR000233171*	NNW	0.16 / 861.15	29

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
ENGINEERED POLYMER SOLUTIONS INC	5501 E SLAUSON AVE COMMERCE CA 90040-0000 ***EPA Handler ID**: CAD002277093*	S	0.10 / 502.87	8

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
LOCAL DISTRICT 6 OFFICES	5800 S EASTERN AVE COMMERCE CA 90040 ***EPA Handler ID**: CAR000192617*	ESE	0.25 / 1,308.20	39

RCRA SQG - RCRA Small Quantity Generators List

A search of the RCRA SQG database, dated Nov 17, 2021 has found that there are 2 RCRA SQG site(s) within approximately 0.25 miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
REPUBLIC STL UNION DRAWN DIV LA	5424 EAST SLAUSON AVE LOS ANGELES CA 90040 ***EPA Handler ID**: CAD094436011*	SSW	0.10 / 530.53	17
ACTION PAINTING SVC INC	5366 E SLAUSON AVE COMMERCE CA 90040-7140 ***EPA Handler ID**: CA0000383984*	SW	0.10 / 540.62	19

RCRA NON GEN - RCRA Non-Generators

A search of the RCRA NON GEN database, dated Nov 17, 2021 has found that there are 14 RCRA NON GEN site(s) within approximately 0.25 miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
CA197 BELL ARMY RESERVE CENTER	5600 RICKENBACKER RD BELL CA 90201-6418 ***EPA Handler ID**: CAL000323717*	WNW	0.00 / 0.00	2

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
ENGINEERED POLYMER SOLUTIONS INC	5501 EAST SLAUSON AVENUE LOS ANGELES CA 90040 ***EPA Handler ID**: CAP000147843*	S	0.10 / 502.87	8
F AND D METALS	5555 E SLAUSON AVE COMMERCE CA 90040 ***EPA Handler ID**: CAD983582446*	SE	0.10 / 515.32	13
THE HAIN CELESTIAL GROUP	5630 RICKENBACKER RD BELL GARDENS CA 90201-6412 ***EPA Handler ID**: CAL000457865*	ENE	0.13 / 712.33	26
THE HAIN CELESTIAL GROUP	5630 RICKENBACKER RD BELL GARDENS CA 90201-6412 ***EPA Handler ID**: CAC003063267*	ENE	0.13 / 712.33	26
USMCR 3RD AIR AND NAVAL GUNFIRE LIAISON CO	5631 RICKENBACKER RD BELL CA 90201-6413 ***EPA Handler ID**: CAL000360629*	ENE	0.17 / 903.53	30

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
BELL AFRC	5631 RICKENBACKER RD BELL CA 90201-6413 ***EPA Handler ID**: CAL000352841*	ENE	0.17 / 903.53	30
HUMAN-I-T DBA COMPUTER FOR A CAUSE	4941 EASTERN AVE BELL CA 90201 ***EPA Handler ID**: CAL000465729*	E	0.20 / 1,065.07	34
AP-COMMERCE CORPORATE, LLC	5800 S. EASTERN AVE. COMMERCE CA 90040 ***EPA Handler ID**: CAC003014782*	ESE	0.25 / 1,308.20	39
BANK OF AMERICA	5800 S. EASTERN AVE. COMMERCE CA 90040 ***EPA Handler ID**: CAC003103903*	ESE	0.25 / 1,308.20	39
BANK OF AMERICA	5800 S. EASTERN AVE. COMMERCE CA 90040 ***EPA Handler ID**: CAC003120971*	ESE	0.25 / 1,308.20	39
AP-COMMERCE CORPORATE, LLC	5800 S EASTERN AVE COMMERCE CA 90040-4016 ***EPA Handler ID**: CAC003047570*	ESE	0.25 / 1,308.20	39
AP-COMMERCE CORPORATE, LLC	5800 S. EASTERN AVE. COMMERCE CA 90040 ***EPA Handler ID**: CAC003101711*	ESE	0.25 / 1,308.20	39
BANK OF AMERICA	5800 S. EASTERN AVE. COMMERCE CA 90040 ***EPA Handler ID**: CAC002968180*	ESE	0.25 / 1,308.20	39

FED ENG - Federal Engineering Controls-ECs

A search of the FED ENG database, dated Feb 23, 2021 has found that there are 1 FED ENG site(s) within approximately 0.50 miles of the project property.

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
PEMACO MAYWOOD	5050 SLAUSON BOULEVARD MAYWOOD CA 90270 ***EPA ID**: CAD980737092*	WSW	0.29 / 1,521.14	40

FED INST - Federal Institutional Controls- ICs

A search of the FED INST database, dated Feb 23, 2021 has found that there are 1 FED INST site(s) within approximately 0.50 miles of the project property.

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
PEMACO MAYWOOD	5050 SLAUSON BOULEVARD MAYWOOD CA 90270 ***EPA ID**: CAD980737092*	WSW	0.29 / 1,521.14	40

SUPERFUND ROD - Superfund Decision Documents

A search of the SUPERFUND ROD database, dated Jun 28, 2021 has found that there are 1 SUPERFUND ROD site(s) within approximately 1.00 miles of the project property.

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
PEMACO MAYWOOD	5050 SLAUSON BOULEVARD MAYWOOD CA 90270	WSW	0.29 / 1,521.14	40

State

RESPONSE - State Response Sites

A search of the RESPONSE database, dated Sep 15, 2021 has found that there are 2 RESPONSE site(s) within approximately 1.00 miles of the project property.

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
SOUTHLAND OIL	5619-5621 RANDOLPH STREET COMMERCE CA 90040	SSE	0.53 / 2,796.84	80
	***Estor/EPA ID	Cleanup Status**: 19290003	CERTIFIED / OPERATION & MAINTENANCE AS OF 8/16/2002*		
NEWCROW II	6141 TO 6241 RANDOLPH STREET COMMERCE CA 90040	SE	0.93 / 4,905.46	97
	***Estor/EPA ID	Cleanup Status**: 60000714	ACTIVE AS OF 5/11/2021*		

ENVIROSTOR - EnviroStor Database

A search of the ENVIROSTOR database, dated Sep 15, 2021 has found that there are 44 ENVIROSTOR site(s) within approximately 1.00 miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
M.T. SHELTER PARTNERSHIP	5600 RICKENBACKER RD. BELL CA 90201	WNW	0.00 / 0.00	2
	***Estor/EPA ID	Cleanup Status**: 60002610	REFER: EPA AS OF 10/30/2018*		
SALVATION ARMY	5600 RICKENBACKER ROAD BELL CA 90201	WNW	0.31 / 1,650.01	3
	***Estor/EPA ID	Cleanup Status**: 60002608	REFER: EPA AS OF 10/30/2018*		
PROPOSED BELL EDUCATION AND LEARNING CENTER	5600 RICKENBACKER ROAD BELL CA 90201	NW	0.32 / 1,713.29	4
	***Estor/EPA ID	Cleanup Status**: 60001073	CERTIFIED AS OF 10/11/2012*		
PEMACO CHEMICAL CORPORATION FORMER	5040-5050 SLAUSON BLVD. MAYWOOD CA 90270	WSW	0.35 / 1,840.76	46
	***Estor/EPA ID	Cleanup Status**: 19281217	ACTIVE AS OF 6/15/2020*		
DUNN EDWARDS	4905 EAST 52ND PLACE VERNON CA 90058	W	0.45 / 2,352.67	62
	***Estor/EPA ID	Cleanup Status**: 60001974	REFER: EPA AS OF 6/11/2014*		

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
COOK INDUCTION HEAT TREATING	4925 E. SLAUSON AVE MAYWOOD CA 90270	WSW	0.46 / 2,422.07	66
	***Estor/EPA ID	Cleanup Status**: 60001486	NO ACTION REQUIRED AS OF 6/30/2011*		
COOK INDUCTION HEAT TREATING CO INC	4925 E SLAUSON AVE MAYWOOD CA 90270	WSW	0.47 / 2,463.38	69
	***Estor/EPA ID	Cleanup Status**: 60001973	NO ACTION REQUIRED AS OF 6/11/2014*		
PI BELL PROPERTIES A&B	5391 RICKENBACKER ROAD BELL CA 90201	NW	0.48 / 2,535.39	74
	***Estor/EPA ID	Cleanup Status**: 60002606	REFER: EPA AS OF 1/30/2020*		
USARC BELL	BELL CA	NNW	0.55 / 2,886.82	81
	***Estor/EPA ID	Cleanup Status**: 80000494	INACTIVE - NEEDS EVALUATION AS OF 7/1/2005*		
SAINT-GOBAIN CONTAINERS, LLC.	4855 E. 52ND PLACE LOS ANGELES CA 90040	W	0.58 / 3,046.44	82
	***Estor/EPA ID	Cleanup Status**: 71003505	REFER: OTHER AGENCY AS OF*		
PACIFIC PRECISION FORMULATORS	5511 DISTRICT BLVD VERNON CA 90058	WNW	0.58 / 3,059.98	83
	***Estor/EPA ID	Cleanup Status**: 60001977	REFER: LOCAL AGENCY AS OF 5/27/2014*		
HELIOTROPE AVENUE ELEM. SCHOOL ADDITION	5911 WOODLAWN AVENUE MAYWOOD CA 90270	W	0.59 / 3,129.18	85
	***Estor/EPA ID	Cleanup Status**: 19820056	NO ACTION REQUIRED AS OF 8/25/2003*		
CHELIS A	5316 LINDBERGH LN. BELL CA 90201	NW	0.59 / 3,133.47	86
	***Estor/EPA ID	Cleanup Status**: 60002604	ACTIVE AS OF 1/20/2018*		
INDIVIDUAL FOOD SERVICE	5350-5380 LINDBERGH LANE BELL CA 90201	NW	0.61 / 3,241.70	87
	***Estor/EPA ID	Cleanup Status**: 60002049	CERTIFIED O&M - LAND USE RESTRICTIONS ONLY AS OF 3/17/2016*		
KOP COAT, INC.	5431 DISTRICT BOULEVARD VERNON CA 90040	WNW	0.64 / 3,381.97	88
	***Estor/EPA ID	Cleanup Status**: 60002176	ACTIVE AS OF 4/23/2015*		
CHELI AFS	BELL CA 90201	NNW	0.74 / 3,927.09	90
	***Estor/EPA ID	Cleanup Status**: 80000162	INACTIVE - NEEDS EVALUATION AS OF 8/15/2018*		
PATTON HALL - US ARMY RESERVE CENTER	5340 BANDINI BLVD. BELL CA 90040	NW	0.79 / 4,149.54	91
	***Estor/EPA ID	Cleanup Status**: 19970026	REFER: 1248 LOCAL AGENCY AS OF 1/28/2005*		
SOUTH REGION HIGH SCHOOL #8, SITE 18	BETWEEN E SLAUSON AVE/MAYFLOWER AVE/KING AVE/E 57TH ST MAYWOOD CA 90720	W	0.84 / 4,433.90	94
	***Estor/EPA ID	Cleanup Status**: 60001075	CERTIFIED AS OF 2/17/2015*		

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
FORMER THERMADOR INDUSTRIAL SITE	5119-5309 DISTRICT BOULEVARD VERNON CA 90058	WNW	0.89 / 4,705.76	95
	Estor/EPA ID* | *Cleanup Status: *60001916* | *ACTIVE AS OF 8/12/2013*			
VALLEY PLATING WORKS, INC.	5900 E. SHEILA STREET COMMERCE CA 90040	ENE	0.93 / 4,910.68	98
	Estor/EPA ID* | *Cleanup Status: *71003683* | *REFER: OTHER AGENCY AS OF*			
COMMERCE/REFUSE TO ENERGY	5900 SHEILA STREET COMMERCE CA 90040	ENE	0.93 / 4,916.38	99
	Estor/EPA ID* | *Cleanup Status: *19250003* | *ACTIVE AS OF 4/18/1996*			
MAYWOOD NEW ELEMENTARY SCHOOL NO. 5	ATLANTIC BOULEVARD/52ND STREET MAYWOOD CA 90270-2425	WNW	0.96 / 5,042.77	101
	Estor/EPA ID* | *Cleanup Status: *19880027* | *NO FURTHER ACTION AS OF 2/27/2004*			
COMMERCE TRANSPORTATION CENTER	5555 JILLSON STREET COMMERCE CA 90040	NNE	0.99 / 5,244.65	103
	Estor/EPA ID* | *Cleanup Status: *60002881* | *ACTIVE AS OF 9/18/2019*			

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
ENGINEERED POLYMER SOLUTIONS, INC.	5501 E. SLAUSON AVENUE COMMERCE CA 90040	S	0.10 / 502.87	8
	Estor/EPA ID* | *Cleanup Status: *71002138* | *REFER: OTHER AGENCY AS OF*			
US ARMY BASE 1	5631 RICKENBACKER ROAD BELL CA 90201	NE	0.21 / 1,094.98	35
	Estor/EPA ID* | *Cleanup Status: *60002609* | *NO FURTHER ACTION AS OF 9/14/2018*			
JOE'S PLASTICS	5725 DISTRICT BLVD. VERNON CA 90040	W	0.37 / 1,928.63	48
	Estor/EPA ID* | *Cleanup Status: *19300235* | *REFER: OTHER AGENCY AS OF 8/31/1995*			
COGNIS CORPORATION/HENKEL	5568 E. 61ST STREET COMMERCE CA 90040	S	0.44 / 2,298.82	59
	Estor/EPA ID* | *Cleanup Status: *71002632* | *CERTIFIED O&M - LAND USE RESTRICTIONS ONLY AS OF 5/16/2012*			
COMMERCE BUSINESS CENTER	6014 SOUTH EASTERN AVENUE COMMERCE CA 90022	SE	0.44 / 2,319.09	61
	Estor/EPA ID* | *Cleanup Status: *19730192* | *REFER: OTHER AGENCY AS OF 8/31/1995*			
BAKER CASTOR OIL	5585 EAST 61ST STREET LOS ANGELES CA 90003	SSE	0.45 / 2,372.87	63
	Estor/EPA ID* | *Cleanup Status: *19200019* | *NO FURTHER ACTION AS OF 1/17/1984*			
EMPTY LOT	5611 DISTRICT BOULEVARD VERNON CA 90040	W	0.47 / 2,491.67	70
	Estor/EPA ID* | *Cleanup Status: *60002605* | *REFER: EPA AS OF 10/23/2018*			

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
MAGNUS CO INC	6135 DISTRICT BLVD LOS ANGELES CA 90040	SSW	0.48 / 2,516.74	72
	***Estor/EPA ID	Cleanup Status**: 19370355	REFER: OTHER AGENCY AS OF 12/3/1987*		
CHRYSLER MOTORS	COMMERCE CA	ESE	0.50 / 2,641.86	78
	***Estor/EPA ID	Cleanup Status**: 80000998	INACTIVE - NEEDS EVALUATION AS OF 7/1/2005*		
SOUTH REGION HIGH SCHOOL #8	RANDOLPH STREET MAYWOOD CA 90270	SW	0.51 / 2,695.13	79
	***Estor/EPA ID	Cleanup Status**: 60000820	INACTIVE - ACTION REQUIRED AS OF 4/2/2009*		
SOUTHLAND OIL	5619-5621 RANDOLPH STREET COMMERCE CA 90040	SSE	0.53 / 2,796.84	80
	***Estor/EPA ID	Cleanup Status**: 19290003	CERTIFIED / OPERATION & MAINTENANCE AS OF 8/16/2002*		
DAVID H FELL AND COMPANY INC	6009 BANDINI BLVD LOS ANGELES CA 900402904	ENE	0.58 / 3,078.30	84
	***Estor/EPA ID	Cleanup Status**: CAL000110141 |*		
WEA MANUFACTURING COMMERCE	6110 PEACHTREE STREET LOS ANGELES CA 90040	ESE	0.72 / 3,821.97	89
	***Estor/EPA ID	Cleanup Status**: 71003755	REFER: OTHER AGENCY AS OF*		
PRESSURE SYSTEMS, INC.	6033 E. BANDINI BOULEVARD COMMERCE CA 90040	ENE	0.80 / 4,215.47	92
	***Estor/EPA ID	Cleanup Status**: 71002156	REFER: OTHER AGENCY AS OF*		
COMPASS MANAGEMENT AND LEASING OF IRVINE	6033 BANDINI BLVD. COMMERCE CA 90022	ENE	0.81 / 4,275.20	93
	***Estor/EPA ID	Cleanup Status**: 19380057	REFER: OTHER AGENCY AS OF 7/28/1994*		
WOODLAWN ELEMENTARY SCHOOL PLAYGROUND	6314 WOODLAWN AVENUE BELL CA 90201	SW	0.90 / 4,762.63	96
	***Estor/EPA ID	Cleanup Status**: 19820062	NO ACTION REQUIRED AS OF 9/26/2002*		
WOODLAWN ELEMENTARY SCHOOL	6314 WOODLAWN AVENUE BELL CA 90201-1417	SW	0.90 / 4,762.63	96
	***Estor/EPA ID	Cleanup Status**: 19820045	NO FURTHER ACTION AS OF 7/3/2003*		
NEWCROW II	6141 TO 6241 RANDOLPH STREET COMMERCE CA 90040	SE	0.93 / 4,905.46	97
	***Estor/EPA ID	Cleanup Status**: 60000714	ACTIVE AS OF 5/11/2021*		
TEPCO, INC	6274 EAST PEACHTREE STREET COMMERCE CA 90040	ESE	0.95 / 5,013.12	100
	***Estor/EPA ID	Cleanup Status**: 19150001	REFER: OTHER AGENCY AS OF 8/21/1995*		
BOYLE MIDWAY HOUSEHOLD PRODUCTS - SOUTH	SOUTH PORTION 6000 EAST SHEILA STREET COMMERCE CA 90040	ENE	0.98 / 5,159.96	102
	***Estor/EPA ID	Cleanup Status**: 19281212	NO FURTHER ACTION AS OF 8/14/1996*		

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
BOYLE MIDWAY HOUSEHOLD PRODUCTS - NORTH	NORTH PORTION OF EAST SHEILA STREET COMMERCE CA 90040	ENE	0.98 / 5,159.96	102
	***Estor/EPA ID** | **Cleanup Status**: 19280491 | NO FURTHER ACTION AS OF 3/14/1996*			

HWP - EnviroStor Hazardous Waste Facilities

A search of the HWP database, dated Sep 15, 2021 has found that there are 1 HWP site(s) within approximately 1.00 miles of the project property.

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
DAVID H FELL AND COMPANY INC	6009 BANDINI BLVD LOS ANGELES CA 900402904	ENE	0.58 / 3,078.30	84
	***Estor/EPA ID**: CAL000110141*			

C&D DEBRIS RECY - Construction and Demolition Debris Recyclers

A search of the C&D DEBRIS RECY database, dated Jun 20, 2018 has found that there are 4 C&D DEBRIS RECY site(s) within approximately 0.50 miles of the project property.

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
JOE'S PLASTIC INC	5725 DISTRICT BLVD LOS ANGELES CA 90058	W	0.37 / 1,928.63	48
AMERICAN GRAPHIC BOARD, INC.	5880 E SLAUSON AVE COMMERCE CA 90040	ESE	0.43 / 2,256.97	55
LOS ANGELES PAPER BOX & BOARD MILLS (DIVISION OF CROCKETT PACKAGING)	6027 SOUTH EASTERN AVE COMMERCE CA 90040	SSE	0.43 / 2,266.03	56
CRISTAL MATERIALS	5650 E 61ST ST COMMERCE CA 90040	SSE	0.45 / 2,401.91	65

LUST - Leaking Underground Fuel Tank Reports

A search of the LUST database, dated Jun 22, 2021 has found that there are 8 LUST site(s) within approximately 0.50 miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
DUNN-EDWARDS CORP.	5811 DISTRICT BLVD VERNON CA 90058	W	0.32 / 1,693.88	43
	***Global ID** | **Status** | **Status Date**: T0603701144 | COMPLETED - CASE CLOSED | 1/1/2000*			
INLAND CONTAINER CORP	5991 BANDINI BLVD BELL CA 90201	ENE	0.48 / 2,510.93	71
	***Global ID** | **Status** | **Status Date**: T0603703963 | COMPLETED - CASE CLOSED | 5/16/1997*			

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
LAIDLAW TRANSIT, INC.	4702 EASTERN AVE S BELL CA 90201	NE	0.49 / 2,575.69	76
	Global ID* | *Status* | *Status Date: *T0603703950* | *COMPLETED - CASE CLOSED* | *1/6/1998*			

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
BLUE CHIP STAMPS (FORMER)	5835 EASTERN AVE S COMMERCE CA 90040	SE	0.29 / 1,552.21	41
	Global ID* | *Status* | *Status Date: *T0603703945* | *COMPLETED - CASE CLOSED* | *4/10/1997*			
G&G PRODUCE INCORPORATED	5949 EASTERN AVE S COMMERCE CA 90040	SE	0.32 / 1,704.55	44
	Global ID* | *Status* | *Status Date: *T0603703044* | *COMPLETED - CASE CLOSED* | *12/20/1996*			
BRM INVESTMENTS CO/CHAPMAN	6045 DISTRICT BLVD S MAYWOOD CA 90270	SW	0.38 / 1,982.95	50
	Global ID* | *Status* | *Status Date: *T0603705320* | *COMPLETED - CASE CLOSED* | *12/9/1993*			
COGNIS CORPORATION	5568 61ST ST. E. COMMERCE CA 90040	S	0.44 / 2,309.55	60
	Global ID* | *Status* | *Status Date: *T0603779757* | *COMPLETED - CASE CLOSED* | *2/18/2009*			
KROGER CO PROPERTY (FORMER)	6014 EASTERN AVE S COMMERCE CA 90040	SE	0.44 / 2,319.09	61
	Global ID* | *Status* | *Status Date: *T0603702699* | *COMPLETED - CASE CLOSED* | *8/7/1996*			

HHSS - Historical Hazardous Substance Storage Information Database

A search of the HHSS database, dated Aug 27, 2015 has found that there are 7 HHSS site(s) within approximately 0.25 miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
FEDERAL SERVICE CENTER	5600 RICKENBACKER RD BELL CA 90201	WNW	0.00 / 0.00	2
FEDERAL SERVICE CENTER	5600 RICKENBACKER RD BELL CA 90201	WNW	0.00 / 0.00	2
ULTRA INDUSTRIES INC	5331 E SLAUSON AVE CITY OF COMMERCE CA 90040	WSW	0.08 / 433.35	5
THE LANGLOIS COMPANY	5354 E. SLAUSON AVENUE COMMERCE CA 90040	SW	0.10 / 544.72	20

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
HUGHES STEEL AND TUBE COMPANY	5333 E. SLAUSON COMMERCE CA 90040	S	0.10 / 502.02	7
MCCLOSKEY VARNISH CO WEST	5501 E. SLAUSON AVE CITY OF COMMERCE CA 90040	S	0.10 / 502.87	8
BLUE CHIP STAMPS	5801 SO. EASTERN AVENUE LOS ANGELES CA 90040	ESE	0.24 / 1,289.24	38

UST SWEEPS - Statewide Environmental Evaluation and Planning System

A search of the UST SWEEPS database, dated Oct 1, 1994 has found that there are 7 UST SWEEPS site(s) within approximately 0.25 miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
THE LANGLOIS COMPANY	5354 E SLAUSON AVE COMMERCE CA ***C C*	*Status**: I19-000-6689	*INACTIVE* ***Tank ID**: 000002*	SW	0.11 / 562.04	21
ULTRA INDUSTRIES INC	5331 E SLAUSON BLVD COMMERCE CA ***C C*	*Status**: A19-000-2995	*ACTIVE*	WSW	0.11 / 595.21	22

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
MC WHORTER INC	5501 E SLAUSON AVE CITY OF COMMERCE CA ***C C*	*Status**: A19-000-3530	*ACTIVE* ***Tank ID**: 000002, 000003, 000009*	S	0.10 / 502.87	8
MC WHORTER INC	5501 E SLAUSON AVE CITY OF COMMERCE CA ***C C*	*Status**: I19-000-3530	*INACTIVE* ***Tank ID**: 000015, 000001, 000007, 000013, 000004, 000014, 000019, 000006, 000005, 000012, 000018, 000010, 000008, 000011, 000016, 000017*	S	0.10 / 502.87	8
LAKE SHORE PRODUCTS	5555 E SLAUSON AVE COMMERCE CA ***C C*	*Status**: A19-000-1744	*ACTIVE*	SE	0.10 / 515.32	13
AMAN BROS	5500 E SLAUSON AVE COMMERCE CA ***C C*	*Status**: A19-000-13330	*ACTIVE*	SE	0.10 / 528.47	16
BLUE CHIP STAMPS	5801 S EASTERN AVE COMMERCE CA ***C C*	*Status**: A19-000-190	*ACTIVE*	ESE	0.22 / 1,136.47	36

DELISTED TNK - Delisted Storage Tanks

A search of the DELISTED TNK database, dated Dec 10, 2021 has found that there are 1 DELISTED TNK site(s) within approximately 0.25 miles of the project property.

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
ENGINEERED POLYMER SOLUTIONS	5501 E SLAUSON AVE LOS ANGELES CA 90040	S	0.10 / 502.87	8

CERS TANK - California Environmental Reporting System (CERS) Tanks

A search of the CERS TANK database, dated Sep 24, 2021 has found that there are 1 CERS TANK site(s) within approximately 0.25 miles of the project property.

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
ENGINEERED POLYMER SOLUTIONS	5501 E SLAUSON AVE COMMERCE CA 90040 ***Site ID**: 114627*	S	0.10 / 502.87	8

DELISTED CTNK - Delisted California Environmental Reporting System (CERS) Tanks

A search of the DELISTED CTNK database, dated Sep 24, 2021 has found that there are 1 DELISTED CTNK site(s) within approximately 0.25 miles of the project property.

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
Hain Celestial Group	5630 RICKENBAKER RD. BELL CA 90201	ENE	0.13 / 712.33	26

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 7 HIST TANK site(s) within approximately 0.25 miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
FEDERAL SERVICE CENTER	5600 RICKENBACKER RD BELL CA	WNW	0.00 / 0.00	2
FEDERAL SERVICE CENTER	5600 RICKENBACKER RD. BELL CA	WNW	0.00 / 0.00	2
ULTRA INDUSTRIES INC.	5331 E SLAUSON AVE CITY OF COMMERCE CA	WSW	0.08 / 433.35	5
THE LANGLOIS COMPANY	5354 E. SLAUSON AVENUE COMMERCE CA	SW	0.10 / 544.72	20

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
HUGHES STEEL AND TUBE COMPANY	5333 E. SLAUSON COMMERCE CA	S	0.10 / 502.02	7
MCCLOSKEY VARNISH CO WEST	5501 E. SLAUSON AVE CITY OF COMMERCE CA	S	0.10 / 502.87	8
BLUE CHIP STAMPS	5801 SO. EASTERN AVENUE LOS ANGELES CA	ESE	0.24 / 1,289.24	38

LUR - Site Mitigation and Brownfields Reuse Program Facility Sites with Land Use Restrictions

A search of the LUR database, dated Sep 15, 2021 has found that there are 2 LUR site(s) within approximately 0.50 miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
PEMACO CHEMICAL CORPORATION FORMER	5040-5050 SLAUSON BLVD. MAYWOOD CA 90270	WSW	0.35 / 1,840.76	46
	***Estor/EPA ID	Cleanup Status**: 19281217	ACTIVE AS OF 6/15/2020*		

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
COGNIS CORPORATION/HENKEL	5568 E. 61ST STREET COMMERCE CA 90040	S	0.44 / 2,298.82	59
	***Estor/EPA ID	Cleanup Status**: 71002632	CERTIFIED O&M - LAND USE RESTRICTIONS ONLY AS OF 5/16/2012*		

CALSITES - CALSITES Database

A search of the CALSITES database, dated May 1, 2004 has found that there are 5 CALSITES site(s) within approximately 0.50 miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
PEMACO FORMER CHEMICAL CORPORATION	5040-5050 SLAUSON BLVD. MAYWOOD CA 90270	WSW	0.35 / 1,840.76	46

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
JOE'S PLASTICS	5725 DISTRICT BLVD. VERNON CA 90040	W	0.37 / 1,928.63	48
BAKER CASTOR OIL	5585 EAST 61ST STREET LOS ANGELES CA 90003	SSE	0.44 / 2,298.69	58
COMMERCE BUSINESS CENTER	6014 SOUTH EASTERN AVENUE COMMERCE CA 90022	SE	0.44 / 2,319.09	61

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
MAGNUS CO INC	6135 DISTRICT BLVD LOS ANGELES CA 90040	SSW	0.48 / 2,516.74	72

CLEANUP SITES - GeoTracker Cleanup Program Sites

A search of the CLEANUP SITES database, dated Jun 22, 2021 has found that there are 8 CLEANUP SITES site(s) within approximately 0.50 miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
LUBRICATING OIL SERVICES	5989 SOUTH DISTRICT BLVD MAYWOOD CA	WSW	0.38 / 2,008.69	51
	Status* | *Site Facility Type: *COMPLETED - CASE CLOSED* | *CLEANUP PROGRAM SITE*			
W.W. HENRY	5920 ALAMO AVE MAYWOOD CA 90270	WSW	0.42 / 2,191.89	54
	Status* | *Site Facility Type: *OPEN - REMEDIATION* | *CLEANUP PROGRAM SITE*			
COOK INDUCTION HEATING CO., INC.	4925 SLAUSON AVENUE MAYWOOD CA 90270	WSW	0.46 / 2,451.52	68
	Status* | *Site Facility Type: *OPEN - ELIGIBLE FOR CLOSURE* | *CLEANUP PROGRAM SITE*			
TRAMMELL CROW CO.	5550 E. BANDINI BLVD BELL CA 90201	N	0.49 / 2,577.54	77
	Status* | *Site Facility Type: *COMPLETED - CASE CLOSED* | *CLEANUP PROGRAM SITE*			

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
MCCLOSKEY CORP (VALSPAR)	5501 SLAUSON AVE E COMMERCE CA 90040	S	0.10 / 502.87	8
	Status* | *Site Facility Type: *OPEN - SITE ASSESSMENT* | *CLEANUP PROGRAM SITE*			
EPS FACILITY (VALSPAR)	5501 E SLAUSON AVE COMMERCE CA 90040	S	0.10 / 502.87	8
	Status* | *Site Facility Type: *OPEN - REMEDIATION* | *CLEANUP PROGRAM SITE*			
CITY OF MAYWOOD	5950 WALKER AVE MAYWOOD CA 90270	SW	0.35 / 1,833.94	45
	Status* | *Site Facility Type: *COMPLETED - CASE CLOSED* | *CLEANUP PROGRAM SITE*			
JOE'S PLASTICS	5717-5801 DISTRICT BLVD VERNON CA 90058	W	0.37 / 1,961.99	49
	Status* | *Site Facility Type: *OPEN - SITE ASSESSMENT* | *CLEANUP PROGRAM SITE*			

County

SML LA - Los Angeles County - Site Mitigation List

A search of the SML LA database, dated Mar 2, 2021 has found that there are 7 SML LA site(s) within approximately 0.50 miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
TRAMMEL CROW CO.	5550 BANDINI BLVD BELL CA 90201	N	0.49 / 2,577.54	77

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
FORMER MACE METAL SALES INC	5555 E SLAUSON AVE COMMERCE CA 90040	SE	0.10 / 515.32	13
RUSSELL PROPERTY	5500 E SLAUSON AVE COMMERCE CA 90040	SE	0.10 / 528.47	16
RUSSELL PROPERTY	~5500 E SLAUSON AVE COMMERCE CA 90040	SE	0.10 / 528.47	16
HILL REFRIGERATION	5804 E SLAUSON AVE COMMERCE CA 90040	ESE	0.31 / 1,641.28	42
KROGER COMPANY	6014 S EASTERN AVE COMMERCE CA 90040	SE	0.44 / 2,319.09	61
HENKEL CORPORATION/COGNIS CORP	5568 E 61ST ST COMMERCE CA 90040	S	0.46 / 2,446.67	67

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 26 CUPA LA COUNTY site(s) within approximately 0.25 miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
SPRINT NXTL GSA-BELL FACILITY	5600 RICKENBACKER RD BELL CA 90201	WNW	0.00 / 0.00	2
THE SALVATION ARMY EDS WAREHOUSE	5600 RICKENBACKER RD BELL CA 90201	WNW	0.00 / 0.00	2
CASTROL INDUSTRIAL NORTH AMERICA	5331 E SLAUSON AVE COMMERCE CA 90040	WSW	0.08 / 433.35	5
G&M MATTRESS AND FOAM	5401 E SLAUSON AVE COMMERCE CA 90040	SW	0.10 / 501.96	6

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
BEAUTY DISTRIBUTION CO	5428 E SLAUSON AVE COMMERCE CA 90040	SSW	0.10 / 520.66	14
CHAMPION PRODUCTS INK	5424 E SLAUSON AVE COMMERCE CA 90040	SSW	0.10 / 521.50	15
ELITE LIGHTING	5424 E SLAUSON AVE G COMMERCE CA 90040	SSW	0.10 / 521.50	15
CANVAS SPECIALTY	5366 E SLAUSON AVE COMMERCE CA 90040	SW	0.10 / 540.62	19
LANGLOIS FLOUR CO	5354 E SLAUSON AVE COMMERCE CA 90040	SW	0.11 / 562.04	21
LAUSD--SLAWSON SOUTHEAST OCCUPATIONAL CENTER	5500 RICKENBACKER RD BELL CA 90201	NNW	0.16 / 861.15	29

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
ENGINEERED POLYMER SOLUTIONS	5501 E SLAUSON AVE COMMERCE CA 90040	S	0.10 / 502.87	8
SPRINT NXTL TUKATECH	5527 E SLAUSON AVE COMMERCE CA 90040	SSE	0.10 / 505.62	10
TUKATECH INC	5527 E SLAUSON AVE A LOS ANGELES CA 90040	SSE	0.10 / 505.62	10
MACE METAL SALES INC	5555 E SLAUSON AVE LOS ANGELES CA 90040	SE	0.10 / 515.32	13
ALSWEST COAST LOGISTICS	5500 E SLAUSON AVE COMMERCE CA 90040	SE	0.10 / 528.47	16
CENTURY SNACKS LLC	5560 E SLAUSON AVE COMMERCE CA 90040	SE	0.12 / 621.34	23

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
WESTERN GOURMET FOODS	5667 MANSFIELD WAY BELL CA 90201	E	0.13 / 665.12	24
Hain Celestial Group	5630 RICKENBACKER RD COMMERCE CA 90201	ENE	0.13 / 712.33	26
MINOLTA BUSINESS SYSTEMS	5628 E SLAUSON AVE COMMERCE CA 90040	ESE	0.15 / 807.81	28
3D ANGLICO USMC	5631 RICKENBACKER RD B BELL CA 90201	ENE	0.17 / 903.53	30
NATIONAL GUARD FMS #6	5631 RICKENBACKER RD BELL CA 90201	ENE	0.17 / 903.53	30
VERIZON WIRELESS: COMMERCE	5701 S EASTERN AVE 400 COMMERCE CA 90040	ESE	0.18 / 972.09	31
METROPCS CAL #LA0320B	5701 S EASTERN AVE COMMERCE CA 90040	ESE	0.18 / 972.09	31
T-MOBILE WEST SITE ID#LA03349A	5705 S EASTERN AVE COMMERCE CA 90040	ESE	0.20 / 1,051.06	32
BLUE CHIP STAMPS	5801 S EASTERN AVE COMMERCE CA 90040	ESE	0.22 / 1,136.47	36
ALLIED RECORD CO	5699 RICKENBACKER RD BELL CA 90201	ENE	0.22 / 1,178.45	37

HMS LA - Los Angeles County - HMS List

A search of the HMS LA database, dated Nov 5, 2020 has found that there are 18 HMS LA site(s) within approximately 0.25 miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
	5600 RICKENBACKER RD BELL CA 902016418	WNW	0.00 / 0.00	2

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
	5331 E SLAUSON AVE COMMERCE CA 900402916	WSW	0.08 / 433.35	5
	5401 E SLAUSON AVE COMMERCE CA 90040	SW	0.10 / 501.96	6
	5428 E SLAUSON AVE COMMERCE CA 90040	SSW	0.10 / 520.66	14
	5424 E SLAUSON AVE COMMERCE CA 90040	SSW	0.10 / 521.50	15
	5354 E SLAUSON AVE COMMERCE CA 90040	SW	0.11 / 562.04	21
	5555 RICKENBACKER RD BELL CA 90201	N	0.15 / 766.95	27

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
	5501 E SLAUSON AVE COMMERCE CA 900402920	S	0.10 / 502.87	8
	5545 E SLAUSON AVE COMMERCE CA 90040	SSE	0.10 / 505.10	9
	5529 E SLAUSON AVE COMMERCE CA 90040	SSE	0.10 / 505.66	11
	5531 E SLAUSON AVE COMMERCE CA 90040	SSE	0.10 / 505.70	12
	5555 E SLAUSON AVE COMMERCE CA 90040	SE	0.10 / 515.32	13
	5500 E SLAUSON AVE COMMERCE CA 90040	SE	0.10 / 528.47	16
	5560 E SLAUSON AVE COMMERCE CA 90040	SE	0.12 / 621.34	23

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
	5603 E SLAUSON AVE COMMERCE CA 90040	ESE	0.13 / 702.63	25
	5709 S EASTERN AVE COMMERCE CA 90040	ESE	0.20 / 1,052.75	33
	5801 S EASTERN AVE COMMERCE CA 90040	ESE	0.22 / 1,136.47	36
	5800 S EASTERN AVE LOS ANGELES CA 90040	ESE	0.25 / 1,308.20	39

Non Standard

Federal

FINDS/FRS - Facility Registry Service/Facility Index

A search of the FINDS/FRS database, dated Nov 2, 2020 has found that there are 2 FINDS/FRS site(s) within approximately 0.02 miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
CA197 BELL ARMY RESERVE CENTER	5600 RICKENBACKER RD BELL CA 90201-6418 ***Registry ID**: 110070467603*	WNW	0.00 / 0.00	2
BELL EDUCATION AND CAREER CENTER	5600 RICKENBACKER RD BELL CA 90201 ***Registry ID**: 110039561168*	WNW	0.00 / 0.00	2

HMIRS - Hazardous Materials Information Reporting System

A search of the HMIRS database, dated Sep 1, 2020 has found that there are 7 HMIRS site(s) within approximately 0.12 miles of the project property.

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
	5501 E SLAUSON AVE LOS ANGELES CA	S	0.10 / 502.87	8
	5501 E SLAUSON LOS ANGELES CA	S	0.10 / 502.87	8
	5501 E SLAUSON AVE LOS ANGELES CA	S	0.10 / 502.87	8

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
	VALSPAR, 5501 E SLAUSEN AVE LOS ANGELES CA	S	0.10 / 502.87	8
	5501 E SLAUSON LOS ANGELES CA	S	0.10 / 502.87	8
	5560 E SLAUSON LOS ANGELES CA	SE	0.10 / 532.19	18
	5560 E SLAUSON LOS ANGELES CA	SE	0.10 / 532.19	18

TSCA - Toxic Substances Control Act

A search of the TSCA database, dated Apr 11, 2019 has found that there are 1 TSCA site(s) within approximately 0.12 miles of the project property.

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
ENGINEERED POLYMER SOLUTIONS - LOS ANGELES	5501 EAST SLAUSOM AVENUE LOS ANGELES CA 90040	S	0.10 / 502.87	8

FUDS - Formerly Used Defense Sites

A search of the FUDS database, dated May 26, 2021 has found that there are 4 FUDS site(s) within approximately 1.00 miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
CHELI AFS	BELL CA ***FUDS Property No**: J09CA0110*	S	0.00 / 0.00	1
USARC BELL	BELL CA ***FUDS Property No**: J09CA0660*	NNW	0.55 / 2,886.82	81

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
LOS ANGELES ORDNANCE DEPOT	VERNON CA ***FUDS Property No**: J09CA0432*	SE	0.38 / 2,027.13	52
CHRYSLER MOTORS	COMMERCE CA ***FUDS Property No**: J09CA7357*	ESE	0.50 / 2,641.86	78

State

HWSS CLEANUP - Hazardous Waste and Substances Site List - Site Cleanup

A search of the HWSS CLEANUP database, dated May 20, 2021 has found that there are 1 HWSS CLEANUP site(s) within approximately 0.50 miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
PEMACO CHEMICAL CORPORATION FORMER	5040-5050 SLAUSON BLVD. MAYWOOD CA 90270	WSW	0.35 / 1,840.76	46
	***Estor/EPA ID** | **Cleanup Status**: 19281217 | ACTIVE AS OF 6/15/2020*			

INSP COMP ENF - EnviroStor Inspection, Compliance, and Enforcement

A search of the INSP COMP ENF database, dated Apr 29, 2021 has found that there are 1 INSP COMP ENF site(s) within approximately 1.00 miles of the project property.

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
DAVID H FELL AND COMPANY INC	6009 BANDINI BLVD LOS ANGELES CA 90040	ENE	0.58 / 3,078.30	84

SCH - School Property Evaluation Program Sites

A search of the SCH database, dated Sep 15, 2021 has found that there are 7 SCH site(s) within approximately 1.00 miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
PROPOSED BELL EDUCATION AND LEARNING CENTER	5600 RICKENBACKER ROAD BELL CA 90201	NW	0.32 / 1,713.29	4
	***Estor/EPA ID** | **Cleanup Status**: 60001073 | CERTIFIED AS OF 10/11/2012*			
HELIOTROPE AVENUE ELEM. SCHOOL ADDITION	5911 WOODLAWN AVENUE MAYWOOD CA 90270	W	0.59 / 3,129.18	85
	***Estor/EPA ID** | **Cleanup Status**: 19820056 | NO ACTION REQUIRED AS OF 8/25/2003*			
SOUTH REGION HIGH SCHOOL #8, SITE 18	BETWEEN E SLAUSON AVE/MAYFLOWER AVE/KING AVE/E 57TH ST MAYWOOD CA 90720 ***Estor/EPA ID** | **Cleanup Status**: 60001075 | CERTIFIED AS OF 2/17/2015*	W	0.84 / 4,433.90	94
MAYWOOD NEW ELEMENTARY SCHOOL NO. 5	ATLANTIC BOULEVARD/52ND STREET MAYWOOD CA 90270-2425 ***Estor/EPA ID** | **Cleanup Status**: 19880027 | NO FURTHER ACTION AS OF 2/27/2004*	WNW	0.96 / 5,042.77	101

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
SOUTH REGION HIGH SCHOOL #8	RANDOLPH STREET MAYWOOD CA 90270	SW	0.51 / 2,695.13	79
	***Estor/EPA ID** | **Cleanup Status**: 60000820 | INACTIVE - ACTION REQUIRED AS OF 4/2/2009*			
WOODLAWN ELEMENTARY SCHOOL	6314 WOODLAWN AVENUE BELL CA 90201-1417	SW	0.90 / 4,762.63	96

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
	***Estor/EPA ID	Cleanup Status**: 19820045	NO FURTHER ACTION AS OF 7/3/2003*			
WOODLAWN ELEMENTARY SCHOOL PLAYGROUND	6314 WOODLAWN AVENUE BELL CA 90201	SW	0.90 / 4,762.63	96
	***Estor/EPA ID	Cleanup Status**: 19820062	NO ACTION REQUIRED AS OF 9/26/2002*			

HAZNET - Hazardous Waste Manifest Data

A search of the HAZNET database, dated Oct 24, 2016 has found that there are 12 HAZNET site(s) within approximately 0.02 miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
BELL ARMED FORCES RESERVE CENTER	5600 RICKENBACKER RD BELL CA 902016418	WNW	0.00 / 0.00	2
THE SALVATION ARMY	5600 RICKENBACKER RD BELL CA 902016418	WNW	0.00 / 0.00	2
JET PROPULISION LAB	5600 RICKENBACKER RD BELL CA 902010000	WNW	0.00 / 0.00	2
SALVATION ARMY	5600 RICKENBACKER RD BELL CA 90201	WNW	0.00 / 0.00	2
SHELTER PARTNERSHIP	5600 RICKENBACKER RD BELL CA 90201	WNW	0.00 / 0.00	2
SALVATION ARMY DISASTER SERVICES DEPT	5600 RICKENBACKER RD BLDG 1C BELL CA 902016431	WNW	0.00 / 0.00	2
LAUSD BELL EDUCATION AND CAREER CENTER	5600 RICKENBACKER RD BELL CA 902010000	WNW	0.00 / 0.00	2
1X ROCKWELL INTL	5600 RICKENBACKER ROAD BELL CA 902010000	WNW	0.00 / 0.00	2
FBI WAREHOUSE	5600 RICKENBACKER RD. BELL CA 902010000	WNW	0.00 / 0.00	2
VETERANS AFFAIRS SUPPLY DEPOT	5600 RICKENBACKER RD BELL CA 902010000	WNW	0.00 / 0.00	2

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
GENERAL SERVICE ADMINISTRATION	5600 RICKENBACKER RD BELL CA 902010000	WNW	0.00 / 0.00	2
Z A SUPPLY DEPOT	5600 RICKENBACKER RD BELL CA 902010000	WNW	0.00 / 0.00	2

HIST MANIFEST - Historical Hazardous Waste Manifest Data

A search of the HIST MANIFEST database, dated Dec 31, 1992 has found that there are 2 HIST MANIFEST site(s) within approximately 0.02 miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
	5600 RICKENBACKER ROAD BELL CA 902010000	WNW	0.00 / 0.00	2
	5600 RICKENBACKER RD BELL CA 902010000	WNW	0.00 / 0.00	2

HIST CORTESE - Historical Cortese List

A search of the HIST CORTESE database, dated Nov 13, 2008 has found that there are 1 HIST CORTESE site(s) within approximately 0.50 miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
PEMACO FORMER CHEMICAL CORPORATION	5040-5050 SLAUSON BLVD. MAYWOOD CA 90270	WSW	0.35 / 1,840.76	46

CERS HAZ - California Environmental Reporting System (CERS) Hazardous Waste Sites

A search of the CERS HAZ database, dated Sep 24, 2021 has found that there are 2 CERS HAZ site(s) within approximately 0.12 miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
The Salvation Army EDS Warehouse	5600 RICKENBACKER RD BELL GARDENS CA 90201	WNW	0.00 / 0.00	2

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
Century Snacks LLC	5560 E SLAUSON AVE COMMERCE CA 90040	SE	0.12 / 621.34	23

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 3 DELISTED HAZ site(s) within approximately

0.50 miles of the project property.

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
CARRINI INC	5500 E SLAUSON AVE COMMERCE CA 90040	SE	0.10 / 528.47	16
99cents Only Stores	5804 E SLAUSON AVE COMMERCE CA 90040	ESE	0.31 / 1,641.28	42
TSU	5825 RICKENBACKER RD COMMERCE CA 90040	ENE	0.45 / 2,377.12	64

WASTE DISCHG - Waste Discharge Requirements

A search of the WASTE DISCHG database, dated Oct 20, 2021 has found that there are 1 WASTE DISCHG site(s) within approximately 0.25 miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
PRODUCE MARKET	5354 EAST SLAUSON AVENUE CITY OF COMMERCE CA 90040	SW	0.11 / 562.04	21

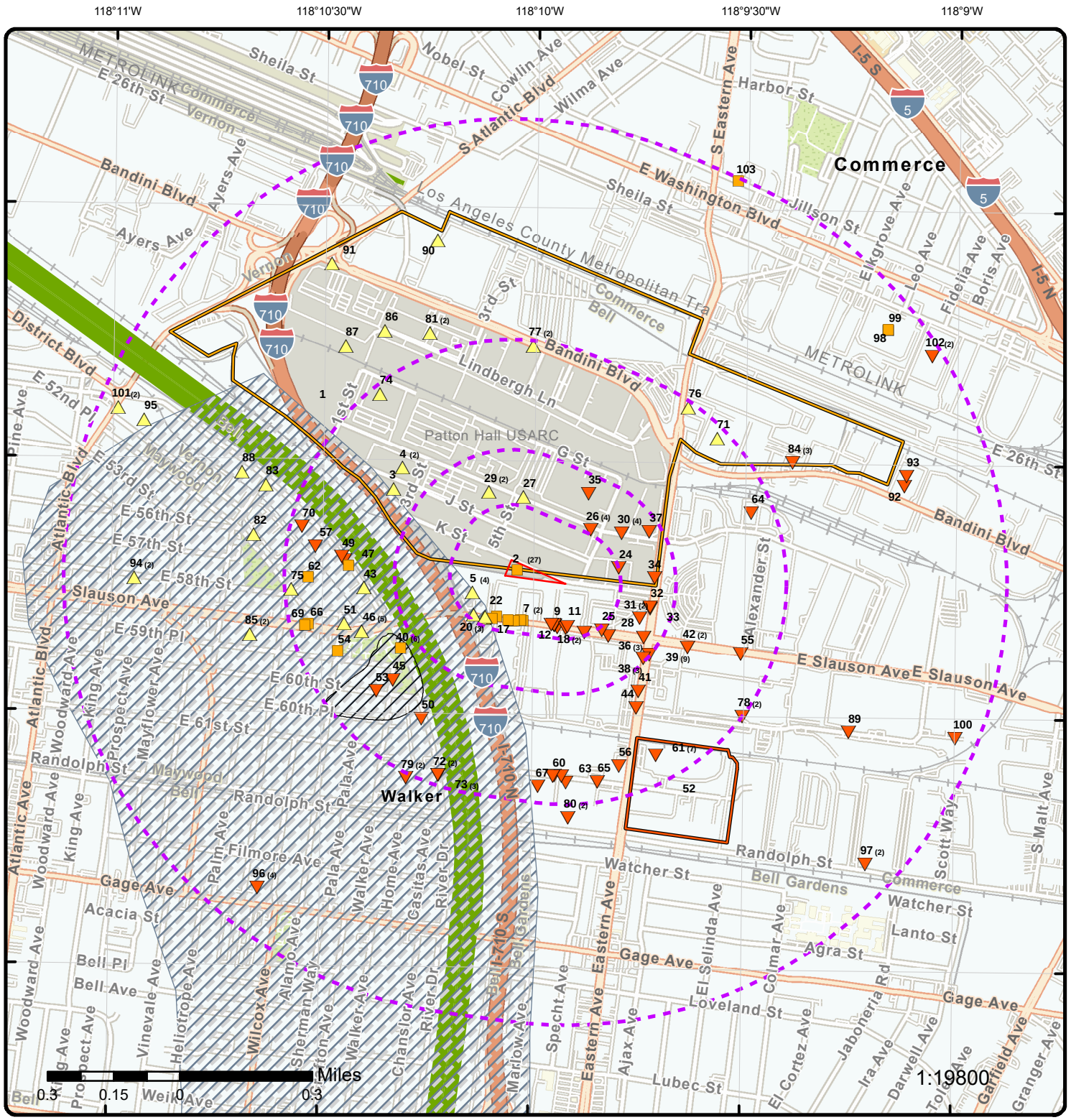
EMISSIONS - Toxic Pollutant Emissions Facilities

A search of the EMISSIONS database, dated Dec 31, 2019 has found that there are 10 EMISSIONS site(s) within approximately 0.25 miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
G & M MATTRESS & FOAM CORP	5401 E SLAUSON AVE COMMERCE CA 90040	SW	0.10 / 501.96	6
ELITE LIGHTING, INC	5424 E SLAUSON AVE COMMERCE CA 90040	SSW	0.10 / 521.50	15
THE LANGLOIS COMPANY	5354 E. SLAUSON AVE. COMMERCE CA 90022	SW	0.10 / 544.72	20
THE LANGLOIS COMPANY	5354 E SLAUSON AVE LOS ANGELES CA 90040	SW	0.11 / 562.04	21

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
MC WHORTER INC	5501 E SLAUSON AVE LOS ANGELES CA 90040	S	0.10 / 502.87	8

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
ENGINEERED POLYMER SOLUTIONS I	5501 E SLAUSON AV COMMERCE CA 90040	S	0.10 / 502.87	8
ENGINEERED POLYMER SOLUTIONS I	5501 E SLAUSON AVE COMMERCE CA 90040	S	0.10 / 502.87	8
ENGINEERED POLYMER SOLUTIONS INC	5501 E SLAUSON AVE LOS ANGELES CA 90040	S	0.10 / 502.87	8
MC CLOSKEY VARNISH CO	5501 E SLAUSON AVE COMMERCE CA 90040	S	0.10 / 502.87	8
BLUE CHIP STAMPS	5801 SOUTH EASTERN AVE. COMMERCE CA 90040	ESE	0.24 / 1,289.24	38



Map: 1.0 Mile Radius

Order Number: 21123000390

Address: 5600 Rickenbacker Road, Bell Gardens, CA

ERIS

- Project Property
- Buffer Outline
- Eris Sites with Higher Elevation
- Eris Sites with Same Elevation
- Eris Sites with Lower Elevation
- Eris Sites with Unknown Elevation
- Eris Areas with Higher Elevation
- Eris Areas with Same Elevation
- Eris Areas with Lower Elevation
- Eris Areas with Unknown Elevation
- Freeways; Highways
- Traffic Circle; Ramp
- Major & Minor Arterial
- Traffic Circle; Ramp
- Local Road
- Rail
- State
- Country
- National Priority List Sites
- National Wetland
- Indian Reserve Land
- Historic Fill
- 100 Year Flood Zone
- 500 Year Flood Zone
- FWS Special Designation Areas
- Plume

Source: © 2021 ESRI StreetMap Premium

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Map: 0.5 Mile Radius

Order Number: 21123000390

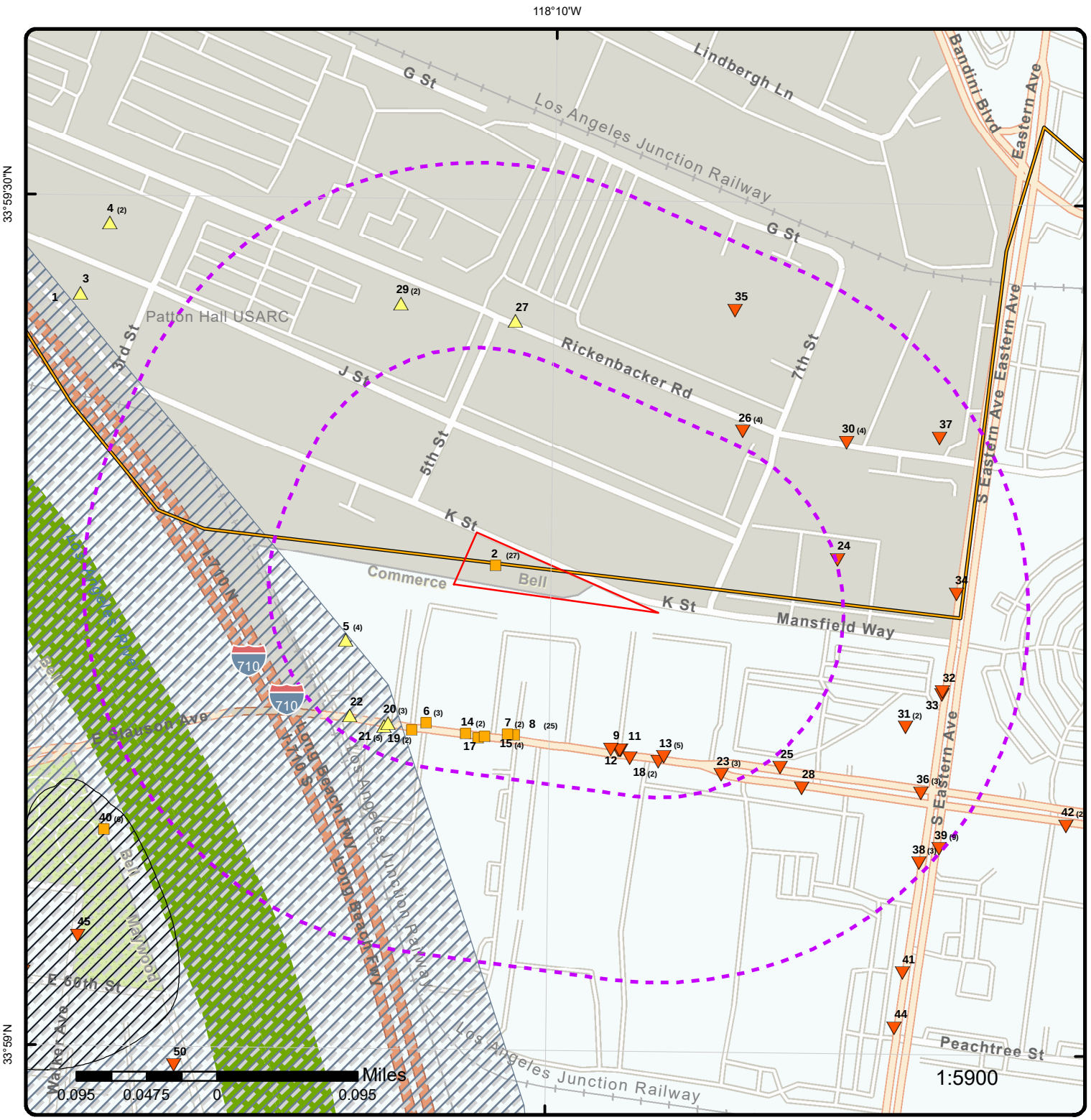
Address: 5600 Rickenbacker Road, Bell Gardens, CA

ERIS

- Project Property
- Buffer Outline
- Eris Sites with Higher Elevation
- Eris Sites with Same Elevation
- Eris Sites with Lower Elevation
- Eris Sites with Unknown Elevation
- Eris Areas with Higher Elevation
- Eris Areas with Same Elevation
- Eris Areas with Lower Elevation
- Eris Areas with Unknown Elevation
- Freeways; Highways
- Traffic Circle; Ramp
- Major & Minor Arterial
- Traffic Circle; Ramp
- Local Road
- Rail
- State
- Country
- National Priority List Sites
- National Wetland
- Indian Reserve Land
- Historic Fill
- 100 Year Flood Zone
- 500 Year Flood Zone
- FWS Special Designation Areas
- Plume

Source: © 2021 ESRI StreetMap Premium

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Map: 0.25 Mile Radius

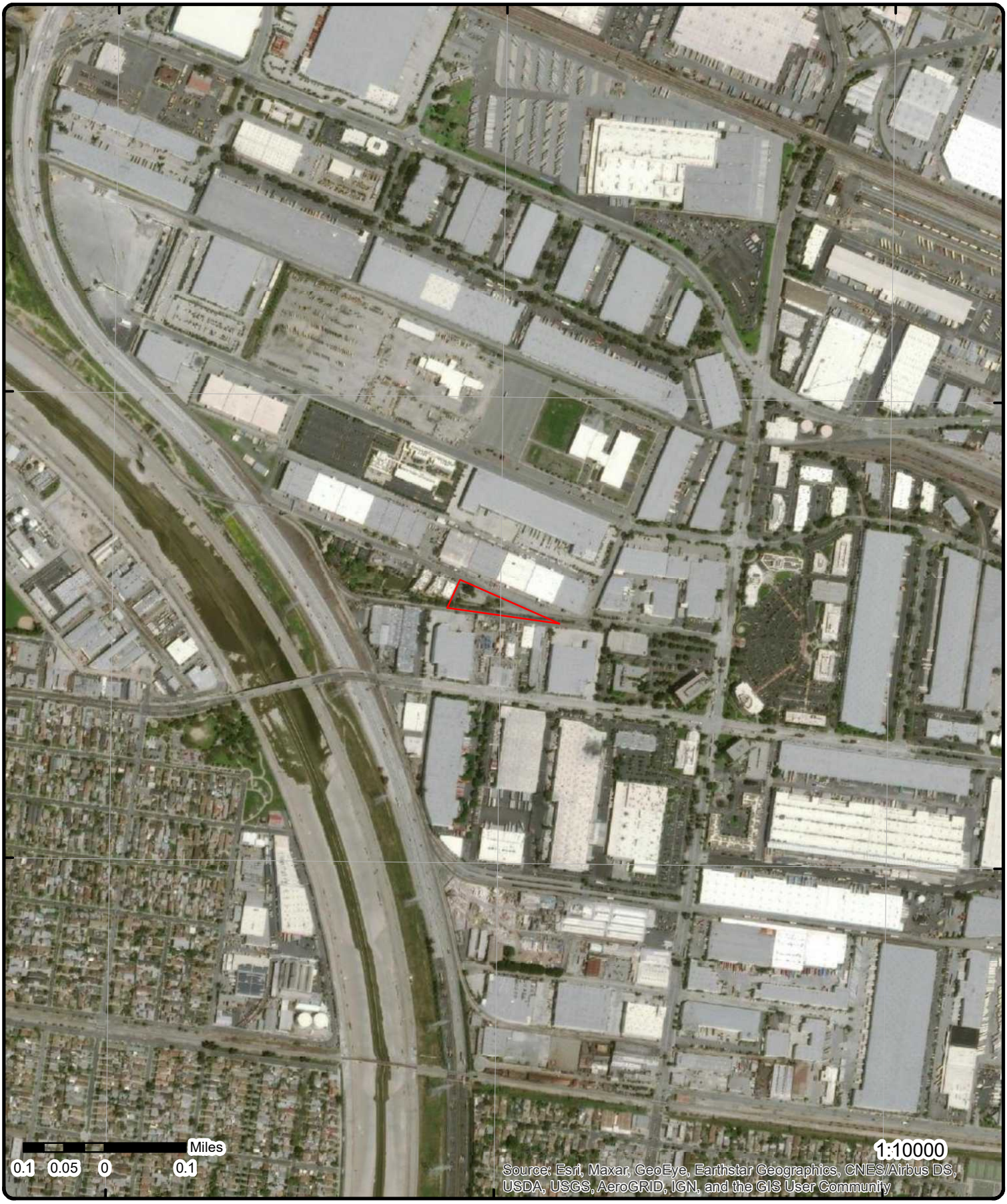
Order Number: 21123000390

Address: 5600 Rickenbacker Road, Bell Gardens, CA

- Project Property
- Buffer Outline
- Eris Sites with Higher Elevation
- Eris Sites with Same Elevation
- Eris Sites with Lower Elevation
- Eris Sites with Unknown Elevation
- Eris Areas with Higher Elevation
- Eris Areas with Same Elevation
- Eris Areas with Lower Elevation
- Eris Areas with Unknown Elevation
- Freeways; Highways
- Traffic Circle; Ramp
- Major & Minor Arterial
- Traffic Circle; Ramp
- Local Road
- Rail
- State
- Country
- National Priority List Sites
- National Wetland
- Indian Reserve Land
- Historic Fill
- 100 Year Flood Zone
- 500 Year Flood Zone
- FWS Special Designation Areas
- Plume

Source: © 2021 ESRI StreetMap Premium

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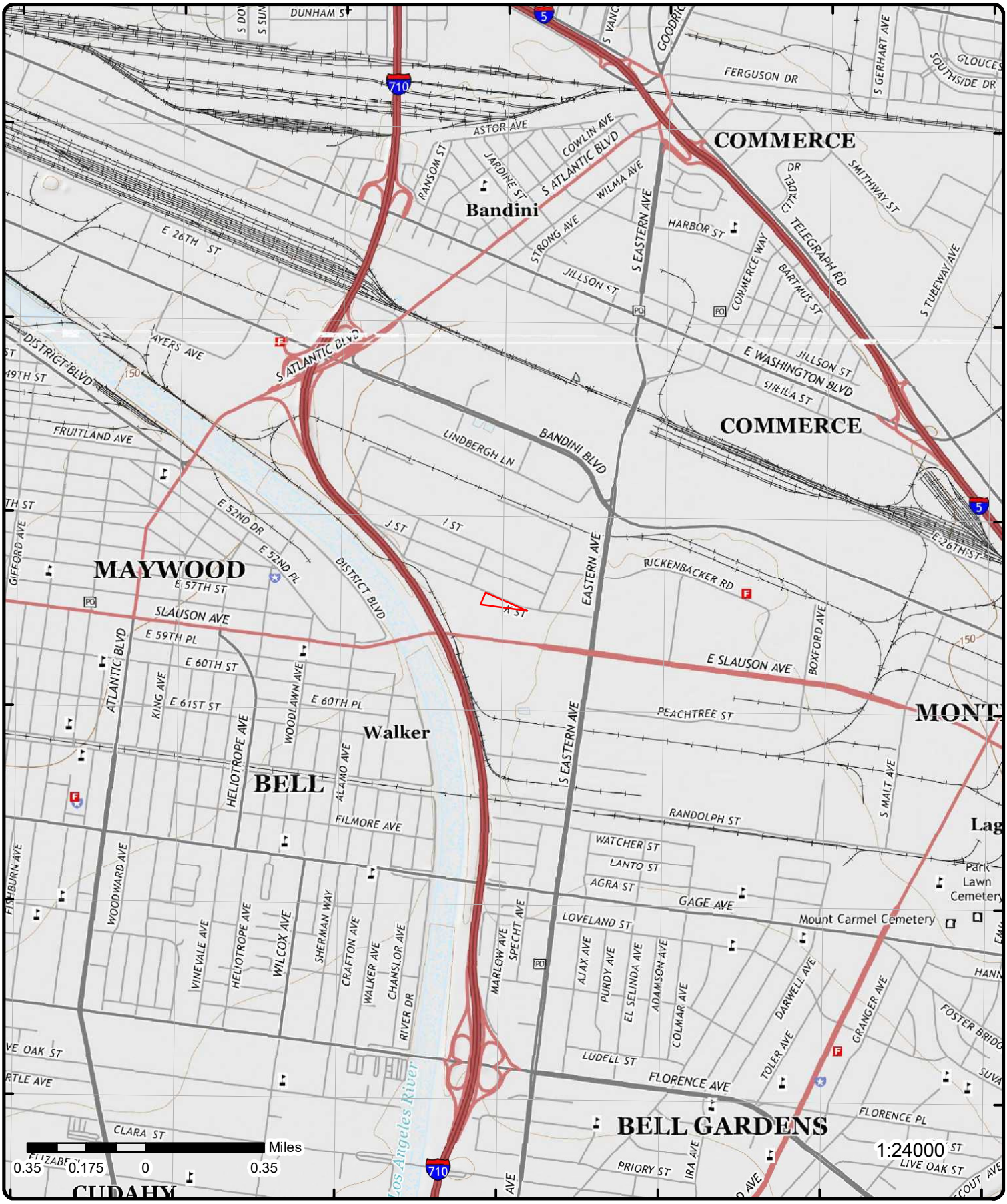
Aerial **Year: 2020**

Order Number: 21123000390

Address: 5600 Rickenbacker Road, Bell Gardens, CA

Source: ESRI World Imagery

© ERIS Information Inc.



Topographic Map

Year: 2015

Order Number: 21123000390

Address: 5600 Rickenbacker Road, CA

Quadrangle(s): South Gate, CA; Los Angeles, CA

Source: USGS Topographic Map

© ERIS Information Inc.

Detail Report

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
1	1 of 1	S	0.00 / 0.00	142.41 / 0	CHELI AFS BELL CA	FUDS

FUDS Property No: J09CA0110
EMS Map Link: https://fudsportal.usace.army.mil/ems/ems/inventory/map/map?id=60983
FUDS INST ID: CA99799F531400
Status:
SDS ID:
NPL Status Code: Not on the NPL
Eligibility: Eligible
Site Eligib:
Current Owner:
Has Project: Yes
DOD FUDS Pro:
Project Required: Yes
No Further Action:
Congressional District: 40
EPA Region: 09
County: LOS ANGELES
Latitude: 33.99888889
Longitude: -118.17055556
Fiscal year: 2019
USACE Division: SPD
USACE District: Los Angeles District (SPL)
Shape Area: .00017723
Shape Len: .07101979
Centroid Latitude:
Centroid Longitude:
Media ID:
Metadata ID:
Feature Desc:
Property History: The 91.48-acre site was acquired in 1943 for an Army air field, constructed for the US Army as Cheli Army Airfield. Real estate property responsibility transferred to U.S. Air force when the Air Force became separate branch. The Army transferred property

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
2	1 of 27	WNW	0.00 / 0.00	142.41 / 0	BELL EDUCATION AND CAREER CENTER 5600 RICKENBACKER RD BELL CA 90201	FINDS/FRS

Registry ID: 110039561168
FIPS Code: 06037
HUC Code: 18070105
Site Type Name: STATIONARY
Location Description:
Supplemental Location:
Create Date: 23-OCT-09
Update Date: 28-MAR-14
Interest Types: LQG
SIC Codes:
SIC Code Descriptions:
NAICS Codes:
NAICS Code Descriptions:
Conveyor: FRS-GEOCODE
Federal Facility Code:
Federal Agency Name:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Tribal Land Code:
Tribal Land Name:
Congressional Dist No: 34
Census Block Code: 060375323042050
EPA Region Code: 09
County Name: LOS ANGELES
US/Mexico Border Ind:
Latitude: 33.98937
Longitude: -118.16392
Reference Point: ENTRANCE POINT OF A FACILITY OR STATION
Coord Collection Method: ADDRESS MATCHING-HOUSE NUMBER
Accuracy Value: 50
Datum: NAD83
Source:
Facility Detail Rprt URL: https://ofmpub.epa.gov/frs_public2/fii_query_detail.disp_program_facility?p_registry_id=110039561168
Program Acronyms:

RCRAINFO:CAR000201533

2	2 of 27	WNW	0.00 / 0.00	142.41 / 0	5600 RICKENBACKER RD BELL CA 902016418	HMS LA

Site No: 015199
Area: 2A

Detail Info

Permit No:
Permit Cat Desc:
Status Code: REM
Status Desc: Equipment Removed
Permit Status Desc:
Permit Type:
Permit Type Desc:
Permit Status Code:
Permit Category:
File No: 016266
File Name: FEDERAL SERVICE CENTER

2	3 of 27	WNW	0.00 / 0.00	142.41 / 0	FEDERAL SERVICE CENTER 5600 RICKENBACKER RD BELL CA 90201	HHSS

County: Los Angeles
Tank Details Microfiche: http://geotracker.waterboards.ca.gov/ustpdfs/pdf/00026aab.pdf

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2	4 of 27	WNW	0.00 / 0.00	142.41 / 0	FEDERAL SERVICE CENTER 5600 RICKENBACKER RD BELL CA 90201	HHSS

County: Los Angeles
Tank Details Microfiche: http://geotracker.waterboards.ca.gov/ustpdfs/pdf/00026aa9.pdf

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2	5 of 27	WNW	0.00 / 0.00	142.41 / 0	Z A SUPPLY DEPOT 5600 RICKENBACKER RD BELL CA 902010000	HAZNET

SIC Code:
NAICS Code:
EPA ID: CAX000118430
Create Date: 10/11/1984
Fac Act Ind: No
Inact Date: 6/30/1998
County Code: 19
Mailing City: BELL
Mailing State: CA
Mailing Zip: 902010000
Region Code: 3
Owner Name: --
Owner Addr 1: --
Owner Addr 2:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

County Name:	Los Angeles	**Owner City:**	--
Mail Name:		**Owner State:**	99
Mailing Addr 1:	--	**Owner Zip:**	--
Mailing Addr 2:		**Owner Phone:**	0000000000
Owner Fax:			

Contact Information

--	--
Contact Name:	MADELINE CALLEROS
Street Address 1:	INACT PER 98VQ FINAL NOTICE
Street Address 2:	- BATCH 4/27
City:	--
State:	99
Zip:	--
Phone:	2132676741
--	--

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
2	6 of 27	WNW	0.00 / 0.00	142.41 / 0	GENERAL SERVICE ADMINISTRATION 5600 RICKENBACKER RD BELL CA 902010000	HAZNET

SIC Code:		**Mailing City:**	BELL
NAICS Code:		**Mailing State:**	CA
EPA ID:	CAC002283809	**Mailing Zip:**	902010000
Create Date:	3/30/2000	**Region Code:**	3
Fac Act Ind:	No	**Owner Name:**	LA COUNTY
Inact Date:	6/11/2001	**Owner Addr 1:**	5600 RICKENBACKER RD
County Code:	19	**Owner Addr 2:**	
County Name:	Los Angeles	**Owner City:**	BELL
Mail Name:		**Owner State:**	CA
Mailing Addr 1:	5600 RICKENBACKER RD	**Owner Zip:**	902010000
Mailing Addr 2:		**Owner Phone:**	3235267480
Owner Fax:			

Contact Information

--	--
Contact Name:	MARCUS L JORDAN
Street Address 1:	5600 RICKENBACKER RD
Street Address 2:	
City:	BELL
State:	CA
Zip:	902010000
Phone:	3235267480
--	--
--	--

Tanner Information

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Generator EPA ID:	CAC002283809
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAT080013352
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	343
State Waste Code Desc.:	Unspecified organic liquid mixture
Method Code:	R01
Method Description:	Recycler
Tons:	0.68
Year:	2000
--	--

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
2	7 of 27	WNW	0.00 / 0.00	142.41 / 0	VETERANS AFFAIRS SUPPLY DEPOT 5600 RICKENBACKER RD BELL CA 902010000	HAZNET

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

SIC Code:		**Mailing City:**	BELL
NAICS Code:		**Mailing State:**	CA
EPA ID:	CAC000874808	**Mailing Zip:**	902010000
Create Date:	10/14/1993	**Region Code:**	3
Fac Act Ind:	No	**Owner Name:**	VETERANS AFFAIRS SUPPLY DEPOT
Inact Date:	10/25/2000	**Owner Addr 1:**	5600 RICKENBACKER RD
County Code:	19	**Owner Addr 2:**	
County Name:	Los Angeles	**Owner City:**	BELL
Mail Name:		**Owner State:**	CA
Mailing Addr 1:	--	**Owner Zip:**	902010000
Mailing Addr 2:		**Owner Phone:**	0000000000
Owner Fax:			

Contact Information

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Contact Name:	PAT GAVIOLI/DIRECTORS SECRET
Street Address 1:	5600 RICKENBACKER RD
Street Address 2:	
City:	BELL
State:	CA
Zip:	902010000
Phone:	2135267454
--	--

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
2	8 of 27	WNW	0.00 / 0.00	142.41 / 0	FBI WAREHOUSE 5600 RICKENBACKER RD. BELL CA 902010000	HAZNET

SIC Code:		**Mailing City:**	BELL
NAICS Code:		**Mailing State:**	CA
EPA ID:	CAC000922456	**Mailing Zip:**	902010000
Create Date:	5/25/1994	**Region Code:**	3
Fac Act Ind:	No	**Owner Name:**	--
Inact Date:	10/25/2000	**Owner Addr 1:**	--
County Code:	19	**Owner Addr 2:**	
County Name:	Los Angeles	**Owner City:**	--
Mail Name:		**Owner State:**	99
Mailing Addr 1:	5600 RICKENBACKER RD.	**Owner Zip:**	--
Mailing Addr 2:		**Owner Phone:**	0000000000
Owner Fax:			

Contact Information

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Contact Name:	WILFRED NWAGBOSO
Street Address 1:	5600 RICKENBACKER RD.
Street Address 2:	
City:	BELL
State:	CA
Zip:	902010000
Phone:	3105324500
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Tanner Information

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Generator EPA ID:	CAC000922456
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	IRC957100891
TSD County Code:	99
TSD County:	Unknown
State Waste Code:	151
State Waste Code Desc.:	Asbestos containing waste
Method Code:	D80
Method Description:	Disposal, landfill
Tons:	5.8996
Year:	1994
--	--

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
2	9 of 27	WNW	0.00 / 0.00	142.41 / 0	1X ROCKWELL INTL 5600 RICKENBACKER ROAD BELL CA 902010000	HAZNET

SIC Code:		**Mailing City:**	DOWNEY
NAICS Code:		**Mailing State:**	CA
EPA ID:	CAC000080269	**Mailing Zip:**	902410000
Create Date:	5/4/1988	**Region Code:**	3
Fac Act Ind:	No	**Owner Name:**	--
Inact Date:	10/25/2000	**Owner Addr 1:**	--
County Code:	19	**Owner Addr 2:**	
County Name:	Los Angeles	**Owner City:**	--
Mail Name:		**Owner State:**	99
Mailing Addr 1:	--	**Owner Zip:**	--
Mailing Addr 2:		**Owner Phone:**	0000000000
Owner Fax:			

Contact Information

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Contact Name:	RAY CORRAL
Street Address 1:	--
Street Address 2:	
City:	--
State:	99
Zip:	--
Phone:	2139222116
--	--

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
2	10 of 27	WNW	0.00 / 0.00	142.41 / 0	LAUSD BELL EDUCATION AND CAREER CENTER 5600 RICKENBACKER RD BELL CA 902010000	HAZNET

SIC Code:		**Mailing City:**	LOS ANGELES
NAICS Code:		**Mailing State:**	CA
EPA ID:	CAR000201533	**Mailing Zip:**	900170000
Create Date:	8/11/2009 10:31:03 AM	**Region Code:**	1
Fac Act Ind:	Yes	**Owner Name:**	LOS ANGELES UNIFIED SCHOOL DISTRICT
Inact Date:		**Owner Addr 1:**	333 S BEAUDRY AVE FL 28
County Code:	19	**Owner Addr 2:**	LAUSD OEHS
County Name:	Los Angeles	**Owner City:**	LOS ANGELES
Mail Name:	PAT SCHANEN	**Owner State:**	CA
Mailing Addr 1:	333 S BEAUDRY AVE FL 28	**Owner Zip:**	900170000
Mailing Addr 2:		**Owner Phone:**	2132413921
Owner Fax:	2132416816		

Contact Information

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Contact Name:	PAT SCHAENEN
Street Address 1:	333 S.BEAUDRY AVE, 28TH FLOOR
Street Address 2:	
City:	LOS ANGELES
State:	CA
Zip:	90017
Phone:	2132413921
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Tanner Information

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Generator EPA ID:	CAR000201533
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAT080013352
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	223
State Waste Code Desc.:	Unspecified oil-containing waste

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Method Code:	H039
Method Description:	OTHER RECOVERY OF RECLAMATION FOR REUSE INCLUDING ACID REGENERATION, ORGANICS RECOVERY ECT
Tons:	0.6255
Year:	2011
--	--
Generator EPA ID:	CAR000201533
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	NVT330010000
TSD County Code:	99
TSD County:	Unknown
State Waste Code:	223
State Waste Code Desc.:	Unspecified oil-containing waste
Method Code:	H039
Method Description:	OTHER RECOVERY OF RECLAMATION FOR REUSE INCLUDING ACID REGENERATION, ORGANICS RECOVERY ECT
Tons:	0.22935
Year:	2010
--	--
Generator EPA ID:	CAR000201533
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	NVT330010000
TSD County Code:	99
TSD County:	Unknown
State Waste Code:	261
State Waste Code Desc.:	Polychlorinated biphenyls and material containing PCBs
Method Code:	H132
Method Description:	LANDFILL OR SURFACE IMPOUNDMENT THAT WILL BE CLOSED AS LANDFILL(TO INCLUDE ON-SITE TREATMENT AND/OR STABILIZATION)
Tons:	0.075
Year:	2010
--	--
Generator EPA ID:	CAR000201533
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	NVT330010000
TSD County Code:	99
TSD County:	Unknown
State Waste Code:	352
State Waste Code Desc.:	Other organic solids
Method Code:	H132
Method Description:	LANDFILL OR SURFACE IMPOUNDMENT THAT WILL BE CLOSED AS LANDFILL(TO INCLUDE ON-SITE TREATMENT AND/OR STABILIZATION)
Tons:	0.925
Year:	2010
--	--

2	***11 of 27***	***WNW***	***0.00 / 0.00***	***142.41 / 0***	***SALVATION ARMY DISASTER SERVICES DEPT*** ***5600 RICKENBACKER RD BLDG 1C*** ***BELL CA 902016431***	***HAZNET***

SIC Code:		***Mailing City:***	LOS ANGELES
NAICS Code:		***Mailing State:***	CA
EPA ID:	CAC002614591	***Mailing Zip:***	900151356
Create Date:	3/20/2007	***Region Code:***	3
Fac Act Ind:	No	***Owner Name:***	SALVATION ARMY DISASTER SERVICES DE
Inact Date:	9/17/2007	***Owner Addr 1:***	900 JAMES M WOOD BLVD
County Code:	19	***Owner Addr 2:***	
County Name:	Los Angeles	***Owner City:***	LOS ANGELES
Mail Name:		***Owner State:***	CA
Mailing Addr 1:	900 JAMES M WOOD BLVD	***Owner Zip:***	900151356
Mailing Addr 2:		***Owner Phone:***	2138969160
Owner Fax:			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Contact Information

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Contact Name:	JUNE LOO
Street Address 1:	900 JAMES M WOOD BLVD
Street Address 2:	
City:	LOS ANGELES
State:	CA
Zip:	900151356
Phone:	2136077331
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Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
2	12 of 27	WNW	0.00 / 0.00	142.41 / 0	SHELTER PARTNERSHIP 5600 RICKENBACKER RD BELL CA 90201	HAZNET

SIC Code:	2844	**Mailing City:**	LOS ANGELES
NAICS Code:	325611	**Mailing State:**	CA
EPA ID:	CAC002751644	**Mailing Zip:**	900141224
Create Date:	11/18/2013	**Region Code:**	3
Fac Act Ind:	No	**Owner Name:**	SHELTER PARTNERSHIP
Inact Date:	2/17/2014	**Owner Addr 1:**	523 W 6TH ST STE 616
County Code:	19	**Owner Addr 2:**	
County Name:	Los Angeles	**Owner City:**	LOS ANGELES
Mail Name:		**Owner State:**	CA
Mailing Addr 1:	523 W 6TH ST STE 616	**Owner Zip:**	900141224
Mailing Addr 2:		**Owner Phone:**	2139434580
Owner Fax:	2136893188		

Contact Information

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Contact Name:	JENNIFER MARQUEZ
Street Address 1:	523 W 6TH ST STE 616
Street Address 2:	
City:	LOS ANGELES
State:	CA
Zip:	900141224
Phone:	2134472274
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Tanner Information

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Generator EPA ID:	CAC002751644
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAD008302903
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	181
State Waste Code Desc.:	Other inorganic solid waste
Method Code:	H141
Method Description:	STORAGE, BULKING, AND/OR TRANSFER OFF SITE--NO TREATMENT/REOVERY (H010-H129) OR (H131-H135)
Tons:	0.5
Year:	2013
--	--
Generator EPA ID:	CAC002751644
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAD008302903
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	331
State Waste Code Desc.:	Off-specification, aged or surplus organics
Method Code:	H141
Method Description:	STORAGE, BULKING, AND/OR TRANSFER OFF SITE--NO TREATMENT/REOVERY (H010-H129) OR (H131-H135)
Tons:	0.8
Year:	2013

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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2 **13 of 27** **WNW** **0.00 / 0.00** **142.41 / 0** **SALVATION ARMY**
5600 RICKENBACKER RD
BELL CA 90201 HAZNET

SIC Code:		**Mailing City:**	LONG BEACH
NAICS Code:		**Mailing State:**	CA
EPA ID:	CAC002658313	**Mailing Zip:**	908024709
Create Date:	9/30/2010	**Region Code:**	3
Fac Act Ind:	No	**Owner Name:**	SALVATION ARMY
Inact Date:	3/30/2011	**Owner Addr 1:**	180 E OCEAN BLVD FL 10
County Code:	19	**Owner Addr 2:**	
County Name:	Los Angeles	**Owner City:**	LONG BEACH
Mail Name:		**Owner State:**	CA
Mailing Addr 1:	180 E OCEAN BLVD FL 10	**Owner Zip:**	908024709
Mailing Addr 2:		**Owner Phone:**	8667505546
Owner Fax:			

Contact Information

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Contact Name:	JIM THOMPSON
Street Address 1:	180 E OCEAN BLVD FL 10
Street Address 2:	
City:	LONG BEACH
State:	CA
Zip:	908024709
Phone:	8667505546
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Tanner Information

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Generator EPA ID:	CAC002658313
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAD009007626
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	151
State Waste Code Desc.:	Asbestos containing waste
Method Code:	H132
Method Description:	LANDFILL OR SURFACE IMPOUNDMENT THAT WILL BE CLOSED AS LANDFILL(TO INCLUDE ON-SITE TREATMENT AND/OR STABILIZATION)
Tons:	2
Year:	2010
--	--

2 **14 of 27** **WNW** **0.00 / 0.00** **142.41 / 0** **JET PROPULISION LAB**
5600 RICKENBACKER RD
BELL CA 902010000 HAZNET

SIC Code:	9661	**Mailing City:**	PASADENA
NAICS Code:	92711	**Mailing State:**	CA
EPA ID:	CAL000169673	**Mailing Zip:**	911090000
Create Date:	7/28/1997	**Region Code:**	3
Fac Act Ind:	No	**Owner Name:**	JET PROPULISION LAB
Inact Date:	6/30/2005	**Owner Addr 1:**	4800 OAK GROVE DR
County Code:	19	**Owner Addr 2:**	
County Name:	Los Angeles	**Owner City:**	PASADENA
Mail Name:		**Owner State:**	CA
Mailing Addr 1:	4800 OAK GROVE DRIVE M/S 171-225	**Owner Zip:**	911090000
Mailing Addr 2:		**Owner Phone:**	8183540635
Owner Fax:			

Contact Information

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Contact Name:	MARK ARAKI

Street Address 1:	4800 OAK GROVE DR
Street Address 2:	
City:	PASADENA
State:	CA
Zip:	911098001
Phone:	8183540635
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Tanner Information	
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Generator EPA ID:	CAL000169673
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAD028409019
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	221
State Waste Code Desc.:	Waste oil and mixed oil
Method Code:	T01
Method Description:	Treatment, tank
Tons:	0.076
Year:	1997
--	--
Generator EPA ID:	CAL000169673
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAD028409019
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	221
State Waste Code Desc.:	Waste oil and mixed oil
Method Code:	T01
Method Description:	Treatment, tank
Tons:	0.038
Year:	2002
--	--
Generator EPA ID:	CAL000169673
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAD028409019
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	221
State Waste Code Desc.:	Waste oil and mixed oil
Method Code:	T01
Method Description:	Treatment, tank
Tons:	0.076
Year:	2003
--	--
Generator EPA ID:	CAL000169673
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAD028409019
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	352
State Waste Code Desc.:	Other organic solids
Method Code:	H01
Method Description:	Transfer station
Tons:	0.01
Year:	2003
--	--
Generator EPA ID:	CAL000169673
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAD028409019
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	513

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

State Waste Code Desc.:	Empty containers less than 30 gallons
Method Code:	H01
Method Description:	Transfer station
Tons:	0.03
Year:	1997
--	--
Generator EPA ID:	CAL000169673
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAD088504881
TSD County Code:	30
TSD County:	Orange
State Waste Code:	611
State Waste Code Desc.:	Contaminated soil from site clean-up
Method Code:	H01
Method Description:	Transfer station
Tons:	0.15
Year:	2000
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Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
2	15 of 27	WNW	0.00 / 0.00	142.41 / 0	THE SALVATION ARMY 5600 RICKENBACKER RD BELL CA 902016418	HAZNET

SIC Code:		**Mailing City:**	LONG BEACH
NAICS Code:		**Mailing State:**	CA
EPA ID:	CAC002770259	**Mailing Zip:**	908024708
Create Date:	5/7/2014	**Region Code:**	3
Fac Act Ind:	No	**Owner Name:**	IRENE CAMAGONG
Inact Date:	8/6/2014	**Owner Addr 1:**	180 E OCEAN BLVD STE 500
County Code:	19	**Owner Addr 2:**	
County Name:	Los Angeles	**Owner City:**	LONG BEACH
Mail Name:		**Owner State:**	CA
Mailing Addr 1:	180 E OCEAN BLVD STE 500	**Owner Zip:**	908024708
Mailing Addr 2:		**Owner Phone:**	5622643622
Owner Fax:			

Contact Information	
--	--
Contact Name:	IRENE CAMAGONG
Street Address 1:	180 E OCEAN BLVD STE 500
Street Address 2:	
City:	LONG BEACH
State:	CA
Zip:	908024708
Phone:	5622643622
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--	--
Tanner Information	
--	--
Generator EPA ID:	CAC002770259
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	NVT330010000
TSD County Code:	99
TSD County:	Unknown
State Waste Code:	181
State Waste Code Desc.:	Other inorganic solid waste
Method Code:	H039
Method Description:	OTHER RECOVERY OF RECLAMATION FOR REUSE INCLUDING ACID REGENERATION, ORGANICS RECOVERY ECT
Tons:	44.6684
Year:	2014
--	--
Generator EPA ID:	CAC002770259
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	NVT330010000

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

TSD County Code:	99
TSD County:	Unknown
State Waste Code:	181
State Waste Code Desc.:	Other inorganic solid waste
Method Code:	H132
Method Description:	LANDFILL OR SURFACE IMPOUNDMENT THAT WILL BE CLOSED AS LANDFILL(TO INCLUDE ON-SITE TREATMENT AND/OR STABILIZATION)
Tons:	4.25
Year:	2014
--	--

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
2	16 of 27	WNW	0.00 / 0.00	142.41 / 0	BELL ARMED FORCES RESERVE CENTER 5600 RICKENBACKER RD BELL CA 902016418	HAZNET

SIC Code:	9711	**Mailing City:**	MOUNTAIN VIEW
NAICS Code:	92811	**Mailing State:**	CA
EPA ID:	CAL000323717	**Mailing Zip:**	94043
Create Date:	8/16/2007	**Region Code:**	3
Fac Act Ind:	Yes	**Owner Name:**	US ARMY RESERVE 63RD RSC
Inact Date:		**Owner Addr 1:**	230 R.T. JONES RD
County Code:	19	**Owner Addr 2:**	
County Name:	Los Angeles	**Owner City:**	MOUNTAIN VIEW
Mail Name:	DPW ENVIRONMENTAL	**Owner State:**	CA
Mailing Addr 1:	230 R.T. JONES RD	**Owner Zip:**	940430000
Mailing Addr 2:		**Owner Phone:**	6502791823
Owner Fax:	0000000000		

Contact Information

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Contact Name:	CARMEN CALL
Street Address 1:	230 RT JONES ROAD
Street Address 2:	ATTN: ENVIRONMENTAL DIVISION
City:	MOUNTAIN VIEW
State:	CA
Zip:	940430000
Phone:	6502791823
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Tanner Information

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Generator EPA ID:	CAL000323717
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAD009007626
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	151
State Waste Code Desc.:	Asbestos containing waste
Method Code:	H132
Method Description:	LANDFILL OR SURFACE IMPOUNDMENT THAT WILL BE CLOSED AS LANDFILL(TO INCLUDE ON-SITE TREATMENT AND/OR STABILIZATION)
Tons:	32
Year:	2007
--	--
Generator EPA ID:	CAL000323717
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	AZC950823111
TSD County Code:	99
TSD County:	Unknown
State Waste Code:	151
State Waste Code Desc.:	Asbestos containing waste
Method Code:	H132
Method Description:	LANDFILL OR SURFACE IMPOUNDMENT THAT WILL BE CLOSED AS LANDFILL(TO INCLUDE ON-SITE TREATMENT AND/OR STABILIZATION)
Tons:	208

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Year:	2007
--	--
Generator EPA ID:	CAL000323717
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	
TSD County Code:	
TSD County:	
State Waste Code:	151
State Waste Code Desc.:	Asbestos containing waste
Method Code:	H132
Method Description:	LANDFILL OR SURFACE IMPOUNDMENT THAT WILL BE CLOSED AS LANDFILL(TO INCLUDE ON-SITE TREATMENT AND/OR STABILIZATION)
Tons:	
Year:	2007
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Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
2	17 of 27	WNW	0.00 / 0.00	142.41 / 0	5600 RICKENBACKER ROAD BELL CA 902010000	HIST MANIFEST

Gen EPA ID:	CAC000080269
Create Date:	05/04/1988 0:00
Inact Date:	10/25/2000 0:00:00
Facility Mail Street:	--
Facility Mail City:	DOWNEY
Facility Mail State:	CA
Facility Mail Zip:	902410000
Contact Phone(s):	2139222116
File Year(s):	1988
Contact Name(s):	RAY CORRAL

Tanner Information

Method Description:	
Tons:	1.68
Year:	1988
Generator County Code:	19
Generator County:	Los Angeles
Method Code:	D80
Tsd County Code:	42
Tsd County:	Santa Barbara
State Waste Code:	151
State Waste Code Desc:	Asbestos containing waste
Tsd Epa ID:	CAD020748125

Tanner Information

Method Description:	
Tons:	0
Year:	1988
Generator County Code:	19
Generator County:	Los Angeles
Method Code:	
Tsd County Code:	42
Tsd County:	Santa Barbara
State Waste Code:	
State Waste Code Desc:	
Tsd Epa ID:	CAD020748125

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
2	18 of 27	WNW	0.00 / 0.00	142.41 / 0	5600 RICKENBACKER RD BELL CA 902010000	HIST MANIFEST

Gen EPA ID:	CAX000118430
Create Date:	10/11/1984 0:00
Inact Date:	6/30/1998 0:00:00

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Facility Mail Street: --
Facility Mail City: BELL
Facility Mail State: CA
Facility Mail Zip: 902010000
Contact Phone(s): 2132676741
File Year(s): 1984
Contact Name(s): MADELINE CALLEROS

Tanner Information

Method Description:
Tons: 0
Year: 1984
Generator County Code: 19
Generator County: Los Angeles
Method Code:
Tsd County Code: 42
Tsd County: Santa Barbara
State Waste Code:
State Waste Code Desc:
Tsd Epa ID: CAD020748125

Tanner Information

Method Description:
Tons: 2.31
Year: 1984
Generator County Code: 19
Generator County: Los Angeles
Method Code: 3
Tsd County Code: 42
Tsd County: Santa Barbara
State Waste Code: 551
State Waste Code Desc: Laboratory waste chemicals
Tsd Epa ID: CAD020748125

2	19 of 27	WNW	0.00 / 0.00	142.41 / 0	**The Salvation Army EDS Warehouse** **5600 RICKENBACKER RD** **BELL GARDENS CA 90201**	CERS HAZ

Site ID: 423734
Latitude: 33.989060
Longitude: -118.168860
County:

Regulated Programs

EI ID: 10738633 **EI Description:** Chemical Storage Facilities

Violations

Violation Date: 06/14/2017 **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 12/15/2020. OBSERVATION: The business failed to complete and electronically submit a business plan when handling hazardous materials at or above the reportable threshold quantities, as observed the following reportable materials. 1 X 50-GALLON PROPANE TANK 4 X 8-GALLON PROPANE CYLINDERS 2 X DIESEL GENERATORS CORRECTIVE ACTION: Complete and electronically submit a business plan.

Violation Description:

Failure to complete and electronically submit a business plan when storing/handling a hazardous material at or above reportable quantities.

Violations

Violation Date: 01/28/2021
Violation Source: CERS
Violation Program: HMRRP
Violation Division: Los Angeles County Fire Department
Citation: HSC 6.95 25508(a)(3) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(3)
Violation Notes:

Returned to compliance on 02/02/2021. OBSERVATION: Facility has not uploaded a site map in the California Environmental Reporting System (CERS). CORRECTIVE ACTION: Upload a site map in CERS.

Violation Description:

Failure to complete and electronically submit a site map with all required content.

Evaluations

Eval Date: 01/28/2021
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:

AJ Buchner, EDS Logistics Manager; Note: data in [EVAL Notes] field for some records is truncated from the source.

Eval Date: 06/14/2017
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:

John Jackson, Facilities Manager; Note: data in [EVAL Notes] field for some records is truncated from the source.

Affiliations

Affil Type Desc: Identification Signer
Entity Name: Nicholas Minh Nguyen
Entity Title: Emergency Disaster Services Director
Address:
City:
State:
Country:
Zip Code:
Phone:

Affil Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title:
Address: 5600 Rickenbacker Road, Building 1-C and 1-D
City: Bell
State: CA
Country:
Zip Code: 90201
Phone:

Affil Type Desc: Document Preparer
Entity Name: Nicholas Nguyen

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Entity Title:
Address:
City:
State:
Country:
Zip Code:
Phone:

Affil Type Desc: Legal Owner
Entity Name: The Salvation Army
Entity Title:
Address: 16941 Keegan Avenue
City: Carson
State: CA
Country: United States
Zip Code: 90746
Phone: (562) 264-3679

Affil Type Desc: Environmental Contact
Entity Name: A.J. Buchner
Entity Title:
Address: 5600 Rickenbacker Road, Building 1-C and 1-D
City: Bell
State: CA
Country:
Zip Code: 90201
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: Parent Corporation
Entity Name: The Salvation Army Bell Shelter
Entity Title:
Address:
City:
State:
Country:
Zip Code:
Phone:

Affil Type Desc: Operator
Entity Name: The Salvation Army
Entity Title:
Address:
City:
State:
Country:
Zip Code:
Phone: (562) 264-3861

2	20 of 27	WNW	0.00 / 0.00	142.41 / 0	FEDERAL SERVICE CENTER 5600 RICKENBACKER RD BELL CA	HIST TANK

Owner Name: GENERAL SERVICES ADMINISTRATIO
Owner Street: 5600 RICKENBACKER RD.
Owner City: BELL
Owner State: CA
Owner Zip: 90201
No of Containers: 1
County: LOS ANGELES
Facility State: CA
Facility Zip: 90201

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
2	21 of 27	WNW	0.00 / 0.00	142.41 / 0	FEDERAL SERVICE CENTER 5600 RICKENBACKER RD. BELL CA	HIST TANK

Owner Name: GENERAL SERVICES ADMINISTRATIO
Owner Street: 300 N. LOS ANGELES STREET, RM.
Owner City: LOS ANGELES
Owner State: CA
Owner Zip: 90012
No of Containers: 1
County: LOS ANGELES
Facility State: CA
Facility Zip: 90201

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
2	22 of 27	WNW	0.00 / 0.00	142.41 / 0	M.T. SHELTER PARTNERSHIP 5600 RICKENBACKER RD. BELL CA 90201	ENVIROSTOR

Estor/EPA ID: 60002610
Site Code: 301814
Nat Priority List: NO
APN: NONE SPECIFIED
Census Tract:
Site Type: EVALUATION
Address Description: 5600 RICKENBACKER RD.
Office: CLEANUP CHATSWORTH
Special Program: EPA - PASI
Funding: EPA GRANT
Assembly District: , 63
Senate District: , 33
Permit Renewal Lead:
Public Partici Spclst:
Project Manager:
County: LOS ANGELES
Latitude: 0
Longitude: 0
Acres: 25 ACRES
Supervisor:
Cleanup Status: REFER: EPA AS OF 10/30/2018
Cleanup Oversight Agencies: DTSC - SITE CLEANUP PROGRAM - LEAD AGENCY
School District:
Past Use that Caused Contam: NONE SPECIFIED
Potential Media Affected: NONE SPECIFIED
Site History:

The property, owned and operated by the Mark Taper Shelter Partnership Inc. (M.T. Shelter) is located at 5600 Rickenbacker Road, Building 1101, in Bell California (The Site). The Site is part of a Formerly Used Defense Site (FUDS) that was owned and/or operated by the United States Department of Defense (DOD). FUDS have been known to contain hazardous, toxic, and radioactive wastes as well as other wastes (unexploded ordinances, UXO) that remain in the soil, soil gas and/or groundwater from previous military related activities.
From the 1920's until mid-1940's the Site was used for agricultural purposes. From around 1947 until the late 1960's the United States Army owned and Chelis Air Force Station (AFS) operated at the Site.

M.T. Shelter is a Non-Profit organization that distributes non-perishable inventory from manufacturers, wholesalers, retailers and other vendors to homeless services agencies throughout Los Angeles. The Non-Profit, received the property for free in 2008 as part of a Title V McKinney-Vento Homeless Assistance Act.

There is no Phase I or Phase II documents associated with this property. This Site Screen was conducted using the Phase I (Kanoa's-2002 and QORE-2003) and Phase II (Kanoa's-2003 and QORE-2003) documents from Chelis Distributing Center Inc. and the Salvation Army. The Hazardous Waste Tracking System (HWTS) notes that this address has been used for manifesting waste from various agencies including Jet Propulsion Labs (JPL), FBI Warehouse, General Services Administration, etc. The Los Angeles County Assessors did not list an address for this parcel, but lists the address occupied by the Salvation Army.
DTSC requested files from the RWQCB, Los Angeles County Fire Department, Los Angeles County Sanitation District and Los Angeles County Public Works. No files were found with these addresses .

Potential Contamin of Concern:

NONE SPECIFIED

Status: REFER: EPA
Program Type: EVALUATION
CalEnviroScreen Score:
Summary Link: https://www.envirostor.dtsc.ca.gov/public/profile_report?global_id=60002610

Completed Activities

Title: PA/SI Pre-CERCLA Screening Assessment Report
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60002610&enforcement_id=60460688
Area Name:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Area Link:
Sub Area:
Sub Area Link:
Document Type: PA/SI Site Screening
Date Completed: 9/10/2018
Comments: Final triage recommendation (US EPA): "Based on the information collected in this screen, there is no actionable data to suggest the TCE is associated with the site, therefore, no further action is warranted." Final Site Status: Not a Valid Site

Title: M. T. Shelter Triage
Title Link: https://www.envirostor.dtsc.ca.gov/public/
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: PA/SI Site Screening
Date Completed: 6/19/2018
Comments: Final Triage

2	23 of 27	WNW	0.00 / 0.00	142.41 / 0	CA197 BELL ARMY RESERVE CENTER 5600 RICKENBACKER RD BELL CA 90201-6418	RCRA NON GEN

EPA Handler ID: CAL000323717
Gen Status Universe: No Report
Contact Name: CARMEN CALL
Contact Address: 230 RT JONES ROAD , ATTN: ENVIRONMENTAL DIVISION , MOUNTAIN VIEW , CA, 94043-0000 ,
Contact Phone No and Ext: 650-477-5938
Contact Email: CARMEN.A.CALL.CIV@MAIL.MIL
Contact Country:
County Name: LOS ANGELES
EPA Region: 09
Land Type:
Receive Date: 20070816
Location Latitude: 33.989297
Location Longitude: -118.163859

Violation/Evaluation Summary

Note: NO RECORDS: As of Nov 2021, 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: 20070816

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Handler Name: CA197 BELL ARMY RESERVE CENTER
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:**	230 RT JONES ROAD
Name:	CARMEN CALL	**Street 2:**	ATTN: ENVIRONMENTAL DIVISION
Date Became Current:		**City:**	MOUNTAIN VIEW
Date Ended Current:		**State:**	CA
Phone:	650-477-5938	**Country:**	
Source Type:	Implementer	**Zip Code:**	94043-0000

Owner/Operator Ind:	Current Owner	**Street No:**	
Type:	Other	**Street 1:**	230 R.T. JONES RD
Name:	US ARMY RESERVE 63RD RSC	**Street 2:**	
Date Became Current:		**City:**	MOUNTAIN VIEW
Date Ended Current:		**State:**	CA
Phone:	650-477-5938	**Country:**	
Source Type:	Implementer	**Zip Code:**	94043-0000

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
2	24 of 27	WNW	0.00 / 0.00	142.41 / 0	**CA197 BELL ARMY RESERVE CENTER** **5600 RICKENBACKER RD** **BELL CA 90201-6418**	FINDS/FRS

Registry ID: 110070467603
FIPS Code: 06037
HUC Code:
Site Type Name: STATIONARY
Location Description:
Supplemental Location:
Create Date: 02-JAN-19
Update Date:
Interest Types: OTHER HAZARDOUS WASTE ACTIVITIES, TRANSPORTER
SIC Codes:
SIC Code Descriptions:
NAICS Codes:
NAICS Code Descriptions:
Conveyor:
Federal Facility Code:
Federal Agency Name:
Tribal Land Code:
Tribal Land Name:
Congressional Dist No:
Census Block Code:
EPA Region Code: 09
County Name: LOS ANGELES
US/Mexico Border Ind:
Latitude:
Longitude:
Reference Point:
Coord Collection Method:
Accuracy Value:
Datum: NAD83
Source:
Facility Detail Rprt URL: https://ofmpub.epa.gov/frs_public2/fii_query_detail.disp_program_facility?p_registry_id=110070467603
Program Acronyms:

RCRAINFO:CAL000323717

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
2	25 of 27	WNW	0.00 /	142.41 /	**THE SALVATION ARMY EDS**	CUPA LA COUNTY

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
			0.00	0	WAREHOUSE 5600 RICKENBACKER RD BELL CA 90201	

Facility ID: FA0048908
CERS ID: 10738633

Active Facility Details

PE: 3002

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
2	26 of 27	WNW	0.00 / 0.00	142.41 / 0	SPRINT NXTL GSA-BELL FACILITY 5600 RICKENBACKER RD BELL CA 90201	CUPA LA COUNTY

Facility ID: FA0038919
CERS ID: 0

Inactive Facility Details

PE: 3000

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
2	27 of 27	WNW	0.00 / 0.00	142.41 / 0	BELL EDUCATION AND CAREER CENTER 5600 RICKENBACKER RD BELL CA 90201	RCRA LQG

EPA Handler ID: CAR000201533
Gen Status Universe: Large Quantity Generator
Contact Name: SOE AUNG
Contact Address: 333 S BEAUDRY AVE , 20TH FL LAUSD OEHS , LOS ANGELES , CA, 90017 , US
Contact Phone No and Ext: 213-241-3904
Contact Email: SOE.AUNG@LAUSD.NET
Contact Country: US
County Name: LOS ANGELES
EPA Region: 09
Land Type: District
Receive Date: 20090714
Location Latitude: 33.989297
Location Longitude: -118.163859

Violation/Evaluation Summary

Note: NO RECORDS: As of Nov 2021, 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: 20090714
Handler Name: BELL EDUCATION AND CAREER CENTER
Federal Waste Generator Code: 1
Generator Code Description: Large Quantity Generator
Source Type: Notification

Waste Code Details

Hazardous Waste Code: D008
Waste Code Description: LEAD

Owner/Operator Details

Owner/Operator Ind: Current Owner
Type: District
Name: LAUSD
Date Became Current: 20090713
Date Ended Current:
Phone:
Source Type: Notification
Street No:
Street 1: 333 S BEAUDRY AVE
Street 2:
City: LOS ANGELES
State: CA
Country: US
Zip Code: 90017

Owner/Operator Ind: Current Operator
Type: District
Name: BELL EDUCATION AND CAREER CENTER
Date Became Current: 20090713
Date Ended Current:
Phone:
Source Type: Notification
Street No:
Street 1:
Street 2:
City:
State:
Country:
Zip Code:

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3 | ***1 of 1*** | ***WNW*** | ***0.31 / 1,650.01*** | ***146.52 / 4*** | ***SALVATION ARMY 5600 RICKENBACKER ROAD BELL CA 90201*** | ***ENVIROSTOR***

Estor/EPA ID: 60002608
Site Code: 301813
Nat Priority List: NO
APN: NONE SPECIFIED
Census Tract: 6037532304
Site Type: EVALUATION
Address Description: 5600 RICKENBACKER ROAD
Office: CLEANUP CHATSWORTH
Special Program: EPA - PASI
Funding: EPA GRANT
Assembly District: , 63
Senate District: , 33
Permit Renewal Lead:
Public Partici Spclst:
Project Manager:
County: LOS ANGELES
Latitude: 33.9907
Longitude: -118.1722
Acres: 95 ACRES
Supervisor:
Cleanup Status: REFER: EPA AS OF 10/30/2018
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:

The property, owned and operated by the Salvation Army, is located at 5600 Rickenbacker Road in Bell California (The Site). The Site is part of a Formerly Used Defense Site (FUDS) that was owned and/or operated by the United States Department of Defense (DOD). FUDS have been known to contain hazardous, toxic, and radioactive wastes as well as other wastes (unexploded ordinances, UXO) that remain in the soil, soil gas and/or groundwater from previous military related activities.
From 1920's until mid-1940's the Site was used for agricultural purposes. From around 1947 until the late 1960's the United States Army owned and

Chelis Air Force Station (AFS) operated the Site .

The Kanoa company performed a Phase I investigation on the parcel s, including the Site, in 2002 and a Phase II in 2003. There are two permeant buildings onsite designated as Buildings 1 and Building 2, which were used for warehouse purposes.

The Phase I noted several areas of interest. One area, is the historical "Firing Shelter" and "Pistol Range Pit" located in the southern portion of the Site where lead bullet fragments were shot.

In 2003 Kanoa Company collected and analyzed three soil samples from 2, 5 and 10 feet bgs and determined to have lead concentrations ranging from 19 to 44 mg/kg. The samples were limited in number and were not collected uniformly to accurately reflect the representativeness in the pit range. Polycyclic aromatic hydrocarbons (PAHs) were not sampled in the range. Clay pigeons have been known to contain PAHs and are used as shooting targets.

Another major area of concern is the two former underground storage tanks (USTs) located on the northern and western portion of the property. Of note is the former 2,000-gallon gasoline UST and oil storage shed that was located on the western portion of the site. Confirmation samples showed no detectable levels of TPH-g, BTEX or lead. Limited soil samples were collected from 3 soil borings at 2, 5 and 10 feet bgs from the vicinity of the "oil storage shed". VOCs were not detected in any of samples.

According to the Kanoa Co. Phase I ESA and Phase II, several recognized environmental hazards have been identified and sampled at the Site. No VOCs or TPHs were detected in any of the samples collected. However, there are no records regarding the procedures and/or guidance's used to properly collect and analyze the samples and/or confirmation samples. Historical Site plans and aerial photographs show the areas of concern at the Site to include onsite oil wells , dumping areas, a "Pistol Range Pit", and open areas located west of Buildings 2.
According to the Hazardous Waste Tracking System (HWTS), the Site has been a generator for inorganic solid waste, materials containing PCBs, asbestos containing waste, waste oil, mixed oil waste, and "other inorganic solid wastes ". However, there are no hazardous waste records on the Site before 2007.

Status:	REFER: EPA
Program Type:	EVALUATION
CalEnviroScreen Score:	96-100%
Summary Link:	https://www.envirostor.dtsc.ca.gov/public/profile_report?global_id=60002608

Completed Activities

Title:	Salvation Army Traige 6-14-2018
Title Link:	https://www.envirostor.dtsc.ca.gov/public/
Area Name:	
Area Link:	
Sub Area:	
Sub Area Link:	
Document Type:	PA/SI Site Screening
Date Completed:	9/10/2018
Comments:	complete

Title:	Pre-CERCLA Screening Assessment
Title Link:	https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60002608&enforcement_id=60460700
Area Name:	
Area Link:	
Sub Area:	
Sub Area Link:	
Document Type:	PA/SI Reassessment
Date Completed:	9/10/2018
Comments:	Final Triage Recommendation (US EPA): "Based on the information collected in this screen, there is no actionable data to suggest that TCE is associated with the site, therefore, no further federal action is warranted." Final Site Status: Not a Valid Site

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
4	1 of 2	NW	0.32 / 1,713.29	147.02 / 5	PROPOSED BELL EDUCATION AND LEARNING CENTER 5600 RICKENBACKER ROAD BELL CA 90201	ENVIROSTOR

Estor/EPA ID:	60001073	***Assembly District:***	63
Site Code:	304620	***Senate District:***	33
Nat Priority List:	NO	***Permit Renewal Lead:***	
APN:	NONE SPECIFIED	***Public Partici Spclst:***	
Census Tract:	6037532304	***Project Manager:***	ASLAM SHAREEF
Site Type:	SCHOOL	***County:***	LOS ANGELES
Address Description:	5600 RICKENBACKER ROAD	***Latitude:***	33.9913977769955

Office: SOUTHERN CALIFORNIA SCHOOLS & BROWNFIELDS OUTREACH
Longitude: -118.171866724915
Special Program:
Acres: 13.05 ACRES
Funding: SCHOOL DISTRICT
Supervisor: SHAHIR HADDAD
Cleanup Status: CERTIFIED AS OF 10/11/2012
Cleanup Oversight Agencies: DTSC - SITE CLEANUP PROGRAM - LEAD AGENCY
School District: LOS ANGELES UNIFIED SCHOOL DISTRICT
Past Use that Caused Contam: OFFICE BUILDING, OIL FIELD
Potential Media Affected: SOIL
Potential Contamin of Concern:

ARSENIC
POLYNUCLEAR AROMATIC HYDROCARBONS (PAHS)

Site History:

The Site comprises two parcels; Parcel D and Parcel E, located within the Bell Federal Service Center at 5600 Rickenbacker Road, Bell, California (see Figure 1). The total acreage of the Site is 13.049 acres. As presented in Exhibit A (see Appendix C), the parcel on the northern portion of the Site is designated Parcel D, covering 10.456 acres. This parcel is bounded by I Street to the North, 5th Street to the East, J Street to the South and Bldg #1101 to the west. The second parcel, located southwest relative to Parcel D is designated Parcel E, covering a total of 2.593 acres. Parcel E is broken into two sub parcels by a 22-foot wide strip with a perpetual easement in favor of the Federal Government. The sizes of the individual sub parcels are 2.385 acres (north) and 0.208 acres (south). The overall parcel is bounded by Building #1101 to the north, Building #2 to the east and K Street and the Long Beach Freeway to the southwest.

During the PEA, elevated levels of Arsenic and polynuclear aromatic hydrocarbons (PAHs) were detected up to depths of approximately 4 feet below ground surface, and therefore requires a removal action at the Site.

The removal action consists of excavation and offsite disposal of approximately 1000 Cubic Yards (approx. 70 truck loads) of soil contaminated with arsenic and PAHs. The Removal Action Workplan (RAW) was open for public comments from September 24, 2009 to October 26, 2009. Approximately four written comments from the community were received and DTSC is currently in the process of responding to these public comments in next few weeks.

Status: CERTIFIED
Program Type: SCHOOL CLEANUP
CalEnviroScreen Score: 96-100%
Summary Link: https://www.envirostor.dtsc.ca.gov/public/profile_report?global_id=60001073

Completed Activities

Title: RAW
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60001073&doc_id=6023801
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Removal Action Workplan
Date Completed: 11/12/2009
Comments: DTSC approved the RAW for implementation

Title: Community Profile
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60001073&doc_id=6027713
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Community Profile
Date Completed: 9/15/2009
Comments: Final document forwarded to District.

Title: Public Notice
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60001073&doc_id=6027715
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: Public Notice
Date Completed: 9/15/2009
Comments: Final document sent to District for translation.

Title: PEA Report
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60001073&doc_id=6022958
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Preliminary Endangerment Assessment Report
Date Completed: 7/22/2009
Comments: DTSC approved the PEA with a Further Action determination

Title: NOE
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60001073&enforcement_id=6017115
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: CEQA - Notice of Exemption
Date Completed: 11/12/2009
Comments: Finalized NOE and sent the package to Sacramento for filing

Title: EOA Master Agreement
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60001073&enforcement_id=6013640
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Environmental Oversight Agreement
Date Completed: 4/23/2009
Comments: Rec'd signed agreement

Title: CERTIFICATION
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60001073&enforcement_id=60310625
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Certification
Date Completed: 10/11/2012
Comments: DTSC certified that response action according to the DTSC-approved RAW is complete.

Title: RACR
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60001073&doc_id=6028844
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Removal Action Completion Report
Date Completed: 3/18/2010
Comments: DTSC approved the Removal Action Completion Report with a No Further Action determination

Title: Fact Sheet
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60001073&doc_id=6027714
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Fact Sheets
Date Completed: 9/15/2009
Comments: Final document forwarded to District.

4	2 of 2	NW	0.32 / 1,713.29	147.02 / 5	PROPOSED BELL EDUCATION AND LEARNING CENTER 5600 RICKENBACKER ROAD BELL CA 90201	SCH

Estor/EPA ID:	60001073	***Permit Renewal Lead:***	
Site Code:	304620	***Project Manager:***	ASLAM SHAREEF
Nat Priority List:	NO	***Supervisor:***	SHAHIR HADDAD
Acres:	13.05 ACRES	***Public Partici Spclst:***	
Special Program:		***Census Tract:***	6037532304
Funding:	SCHOOL DISTRICT	***County:***	LOS ANGELES
Assembly District:	63	***Latitude:***	33.9913977769955
Senate District:	33	***Longitude:***	-118.171866724915

School District: LOS ANGELES UNIFIED SCHOOL DISTRICT
APN: NONE SPECIFIED
Cleanup Status: CERTIFIED AS OF 10/11/2012
Cleanup Oversight Agencies: DTSC - SITE CLEANUP PROGRAM - LEAD AGENCY
Site Type: SCHOOL
Office: SOUTHERN CALIFORNIA SCHOOLS & BROWNFIELDS OUTREACH
Past Use that Caused Contam: OFFICE BUILDING, OIL FIELD
Potential Media Affected: SOIL
Potential Contamin of Concern:

ARSENIC
POLYNUCLEAR AROMATIC HYDROCARBONS (PAHS)

SITE HISTORY:

The Site comprises two parcels; Parcel D and Parcel E, located within the Bell Federal Service Center at 5600 Rickenbacker Road, Bell, California (see Figure 1). The total acreage of the Site is 13.049 acres. As presented in Exhibit A (see Appendix C), the parcel on the northern portion of the Site is designated Parcel D, covering 10.456 acres. This parcel is bounded by I Street to the North, 5th Street to the East, J Street to the South and Bldg #1101 to the west. The second parcel, located southwest relative to Parcel D is designated Parcel E, covering a total of 2.593 acres. Parcel E is broken into two sub parcels by a 22-foot wide strip with a perpetual easement in favor of the Federal Government. The sizes of the individual sub parcels are 2.385 acres (north) and 0.208 acres (south). The overall parcel is bounded by Building #1101 to the north, Building #2 to the east and K Street and the Long Beach Freeway to the southwest.

During the PEA, elevated levels of Arsenic and polynuclear aromatic hydrocarbons (PAHs) were detected up to depths of approximately 4 feet below ground surface, and therefore requires a removal action at the Site.

The removal action consists of excavation and offsite disposal of approximately 1000 Cubic Yards (approx. 70 truck loads) of soil contaminated with arsenic and PAHs. The Removal Action Workplan (RAW) was open for public comments from September 24, 2009 to October 26, 2009. Approximately four written comments from the community were received and DTSC is currently in the process of responding to these public comments in next few weeks.

Status: CERTIFIED
Program Type: SCHOOL CLEANUP
CalEnviroScreen Score: 96-100%
Summary Link: https://www.envirostor.dtsc.ca.gov/public/profile_report?global_id=60001073

Completed Activities

Title: RACR
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60001073&doc_id=6028844
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Removal Action Completion Report
Date Completed: 3/18/2010
Comments: DTSC approved the Removal Action Completion Report with a No Further Action determination

Title: Public Notice
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60001073&doc_id=6027715
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Public Notice
Date Completed: 9/15/2009

Comments: Final document sent to District for translation.

Title: PEA Report
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60001073&doc_id=6022958
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Preliminary Endangerment Assessment Report
Date Completed: 7/22/2009
Comments: DTSC approved the PEA with a Further Action determination

Title: Fact Sheet
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60001073&doc_id=6027714
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Fact Sheets
Date Completed: 9/15/2009
Comments: Final document forwarded to District.

Title: RAW
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60001073&doc_id=6023801
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Removal Action Workplan
Date Completed: 11/12/2009
Comments: DTSC approved the RAW for implementation

Title: NOE
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60001073&enforcement_id=6017115
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: CEQA - Notice of Exemption
Date Completed: 11/12/2009
Comments: Finalized NOE and sent the package to Sacramento for filing

Title: EOA Master Agreement
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60001073&enforcement_id=6013640
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Environmental Oversight Agreement
Date Completed: 4/23/2009
Comments: Rec'd signed agreement

Title: CERTIFICATION
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60001073&enforcement_id=60310625
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Certification
Date Completed: 10/11/2012
Comments: DTSC certified that response action according to the DTSC-approved RAW is complete.

Title: Community Profile
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60001073&doc_id=6027713
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Community Profile

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Date Completed:		9/15/2009				
Comments:		Final document forwarded to District.				

5	1 of 4	WSW	0.08 / 433.35	144.73 / 2	5331 E SLAUSON AVE COMMERCE CA 900402916	HMS LA

Site No: 002897
Area: 3V

Detail Info

Permit No:
Permit Cat Desc:
Status Code: REM
Status Desc: Equipment Removed
Permit Status Desc:
Permit Type:
Permit Type Desc:
Permit Status Code:
Permit Category:
File No: 002995
File Name: ULTRA INDUSTRIES INC

Detail Info

Permit No: 000012360
Permit Cat Desc: Industrial Waste Permit
Status Code: CLOS
Status Desc: Permit Closed
Permit Status Desc: Permit Closed
Permit Type: 01
Permit Type Desc: Operating Industrial Waste Permit - Local Sewer
Permit Status Code: CLOS
Permit Category: I
File No: I02995
File Name: AGROQUIMICOS MARA

Detail Info

Permit No: CGI011907
Permit Cat Desc: Stormwater Permit
Status Code: CLOS
Status Desc: Permit Closed
Permit Status Desc: Permit Closed
Permit Type: S6
Permit Type Desc: Stormwater Certificate GIASP
Permit Status Code: CLOS
Permit Category: S
File No: 047399
File Name: CASTROL INDUSTRIAL N AMERICA

Detail Info

Permit No: 000135819
Permit Cat Desc: Industrial Waste Permit
Status Code: CLOS
Status Desc: Permit Closed
Permit Status Desc: Permit Closed
Permit Type: 04
Permit Type Desc: Operating Industrial Waste Permit - Offsite
Permit Status Code: CLOS
Permit Category: I
File No: 022260
File Name: CASTROL INDUSTRIAL N AMERICA

Detail Info

Permit No: 000753193
Permit Cat Desc: Industrial Waste Permit
Status Code: CLOS
Status Desc: Permit Closed
Permit Status Desc: Permit Closed
Permit Type: 04
Permit Type Desc: Operating Industrial Waste Permit - Offsite
Permit Status Code: CLOS
Permit Category: I
File No: 058289
File Name: INDIO PRODUCTS

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
5	2 of 4	WSW	0.08 / 433.35	144.73 / 2	ULTRA INDUSTRIES INC 5331 E SLAUSON AVE CITY OF COMMERCE CA 90040	HHSS

County: Los Angeles
Tank Details Microfiche: http://geotracker.waterboards.ca.gov/ustpdfs/pdf/00028683.pdf

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
5	3 of 4	WSW	0.08 / 433.35	144.73 / 2	ULTRA INDUSTRIES INC. 5331 E SLAUSON AVE CITY OF COMMERCE CA	HIST TANK

Owner Name: SMOOKE & SONS INVESTMENT CO.
Owner Street: 405 MATEO ST.
Owner City: LOS ANGELES
Owner State: CA
Owner Zip: 90013
No of Containers: 1
County: LOS ANGELES
Facility State: CA
Facility Zip: 90040

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
5	4 of 4	WSW	0.08 / 433.35	144.73 / 2	CASTROL INDUSTRIAL NORTH AMERICA 5331 E SLAUSON AVE COMMERCE CA 90040	CUPA LA COUNTY

Facility ID: FA0025100
CERS ID: 10796887

Inactive Facility Details

PE: 1001

PE: 3005

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
6	1 of 3	SW	0.10 / 501.96	142.41 / 0	5401 E SLAUSON AVE COMMERCE CA 90040	HMS LA

Site No: 033700
Area: 3V

Detail Info

Permit No: 000804528
Permit Cat Desc: Industrial Waste Permit
Status Code: PERM
Status Desc: Equipment Permitted
Permit Status Desc: Equipment Permitted
Permit Type: S4
Permit Type Desc: Operating Industrial Waste Permit - Stormwater BMPs
Permit Status Code: PERM
Permit Category: I
File No: 057465
File Name: WAYLEE INTERNATIONAL INC

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
6	2 of 3	SW	0.10 / 501.96	142.41 / 0	G & M MATTRESS & FOAM CORP 5401 E SLAUSON AVE COMMERCE CA 90040	EMISSIONS

2010 Toxic Data

Facility ID: 91201
Facility SIC Code: 9999
CO: 19
Air Basin: SC
District: SC
COID: LA
DISN: SOUTH COAST AQMD
CHAPIS:
CERR Code:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
TS: **Health Risk Asmt:** **Non-Cancer Chronic Haz Ind:** **Non-Cancer Acute Haz Ind:**						
6	3 of 3	SW	0.10 / 501.96	142.41 / 0	G&M MATTRESS AND FOAM 5401 E SLAUSON AVE COMMERCE CA 90040	CUPA LA COUNTY

Facility ID: FA0043476
CERS ID: 10273897

Inactive Facility Details

PE: 3002

PE: 1003

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
7	1 of 2	S	0.10 / 502.02	142.14 / 0	HUGHES STEEL AND TUBE COMPANY 5333 E. SLAUSON COMMERCE CA 90040	HHSS

County: Los Angeles
Tank Details Microfiche: http://geotracker.waterboards.ca.gov/ustpdfs/pdf/00026edd.pdf

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
7	2 of 2	S	0.10 / 502.02	142.14 / 0	HUGHES STEEL AND TUBE COMPANY 5333 E. SLAUSON COMMERCE CA	HIST TANK

Owner Name: HUGHES STEEL AND TUBE COMPANY
Owner Street: 5333 E. SLAUSON
Owner City: COMMERCE
Owner State: CA
Owner Zip: 90040
No of Containers: 1
County: LOS ANGELES
Facility State: CA
Facility Zip: 90040

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
8	1 of 25	S	0.10 / 502.87	142.14 / 0	ENGINEERED POLYMER SOLUTIONS INC 5501 E SLAUSON AVE COMMERCE CA 90040-0000	RCRA TSD

EPA Handler ID: CAD002277093
Gen Status Universe: Large Quantity Generator
Contact Name: VAN HUYNH
Contact Address: 5501 , E SLAUSON AVE , , COMMERCE , CA, 90040 , US
Contact Phone No and Ext: 323-889-2509
Contact Email: VAN.HUYNH@EPS-MATERIALS.COM
Contact Country: US
Land Type: Private
County Name: LOS ANGELES
EPA Region: 09
Receive Date: 20200917
Location Latitude: 33.984799
Location Longitude: -118.152646

Violation/Evaluation Summary

Note: VIOLATION or UNDETERMINED: There are VIOLATION or UNDETERMINED details or records associated with this facility (EPA ID) in the Compliance Monitoring and Enforcement table dated Nov, 2021.

Violation Details

Found Violation: Yes
Citation:
Violation Short Description: Generators - Pre-transport
Violation Type: 262.C
Violation Determined Date: 20210504
Scheduled Compliance Date:
Return to Compliance:
Actual Return to Compl:
Violation Responsible Agency: State

Violation Details

Found Violation: Yes
Citation:
Violation Short Description: Generators - Pre-transport
Violation Type: 262.C
Violation Determined Date: 20120523
Scheduled Compliance Date:
Return to Compliance: Documented
Actual Return to Compl: 20130312
Violation Responsible Agency: EPA

Evaluation Details

Evaluation Start Date: 20210504
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: EPA

Evaluation Start Date: 20210504
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description: Generators - Pre-transport
Return to Compliance Date:
Evaluation Agency: State

Evaluation Start Date: 20190613
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: State

Evaluation Start Date: 20180530
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: State

Evaluation Start Date: 20160411
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: State

Evaluation Start Date: 20120524
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: State

Evaluation Start Date: 20120523
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description: Generators - Pre-transport

Return to Compliance Date: 20130312
Evaluation Agency: EPA

Evaluation Start Date: 19940414
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: State Contractor/Grantee

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: 19800818
Handler Name: MCCLOSKEY VARNISH CO OF WEST
Federal Waste Generator Code: 1
Generator Code Description: Large Quantity Generator
Source Type: Notification

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 19900409
Handler Name: MC WHORTER INC./MCCLOSKEY VARNISH CO OF
Federal Waste Generator Code: 1
Generator Code Description: Large Quantity Generator
Source Type: Annual/Biennial Report

Hazardous Waste Handler Details

Sequence No: 2
Receive Date: 19920220
Handler Name: MCWHORTER INC
Federal Waste Generator Code: 1
Generator Code Description: Large Quantity Generator
Source Type: Annual/Biennial Report

Hazardous Waste Handler Details

Sequence No: 3
Receive Date: 19940314
Handler Name: ENGINEERED POLYMER SOLUTIONS
Federal Waste Generator Code: 1
Generator Code Description: Large Quantity Generator
Source Type: Annual/Biennial Report

Hazardous Waste Handler Details

Sequence No: 4
Receive Date: 19960122
Handler Name: ENGINEERED POLYMER SOLUTIONS
Federal Waste Generator Code: 1
Generator Code Description: Large Quantity Generator
Source Type: Annual/Biennial Report

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 19960901
Handler Name: MCCLOSKEY VARNISH CO OF WEST
Federal Waste Generator Code: 1
Generator Code Description: Large Quantity Generator
Source Type: Implementer

Hazardous Waste Handler Details

Sequence No: 5
Receive Date: 19990304
Handler Name: ENGINEERED POLYMER SOLUTIONS
Federal Waste Generator Code: 1
Generator Code Description: Large Quantity Generator
Source Type: Annual/Biennial Report

Hazardous Waste Handler Details

Sequence No: 6
Receive Date: 20001012
Handler Name: ENGINEERED POLYMER SOLUTIONS, INC.
Federal Waste Generator Code: 1
Generator Code Description: Large Quantity Generator
Source Type: Annual/Biennial Report

Hazardous Waste Handler Details

Sequence No: 7
Receive Date: 20020220
Handler Name: ENGINEERED POLYMER SOLUTIONS, INC.
Federal Waste Generator Code: 1
Generator Code Description: Large Quantity Generator
Source Type: Annual/Biennial Report

Waste Code Details

Hazardous Waste Code: D001
Waste Code Description: IGNITABLE WASTE

Hazardous Waste Code: D035
Waste Code Description: METHYL ETHYL KETONE

Hazardous Waste Code: F003
Waste Code Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Hazardous Waste Code: F005
Waste Code Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Hazardous Waste Handler Details

Sequence No: 8
Receive Date: 20040526
Handler Name: ENGINEERED POLYMER SOLUTIONS
Federal Waste Generator Code: 1
Generator Code Description: Large Quantity Generator
Source Type: Annual/Biennial Report

Waste Code Details

Hazardous Waste Code: D001
Waste Code Description: IGNITABLE WASTE

Hazardous Waste Code: D002
Waste Code Description: CORROSIVE WASTE

Hazardous Waste Code: D035
Waste Code Description: METHYL ETHYL KETONE

Hazardous Waste Code: F003
Waste Code Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Hazardous Waste Code: F005
Waste Code Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Hazardous Waste Handler Details

Sequence No: 9
Receive Date: 20060227
Handler Name: ENGINEERED POLYMER SOLUTIONS
Federal Waste Generator Code: 1
Generator Code Description: Large Quantity Generator
Source Type: Annual/Biennial Report

Waste Code Details

Hazardous Waste Code: 135
Waste Code Description: Unspecified aqueous solution

Hazardous Waste Code: 151
Waste Code Description: Asbestos-containing waste

Hazardous Waste Code: 181

Waste Code Description: Other inorganic solid waste

Hazardous Waste Code: 221
Waste Code Description: Waste oil and mixed oil

Hazardous Waste Code: 331
Waste Code Description: Off-specification, aged, or surplus organics

Hazardous Waste Code: 352
Waste Code Description: Other organic solids

Hazardous Waste Code: 591
Waste Code Description: Baghouse waste

Hazardous Waste Code: D001
Waste Code Description: IGNITABLE WASTE

Hazardous Waste Code: D002
Waste Code Description: CORROSIVE WASTE

Hazardous Waste Code: D008
Waste Code Description: LEAD

Hazardous Waste Code: F003
Waste Code Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Hazardous Waste Code: F005
Waste Code Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Hazardous Waste Handler Details

Sequence No: 10
Receive Date: 20080125
Handler Name: ENGINEERED POLYMER SOLUTIONS
Federal Waste Generator Code: 1
Generator Code Description: Large Quantity Generator
Source Type: Annual/Biennial Report

Waste Code Details

Hazardous Waste Code: D001
Waste Code Description: IGNITABLE WASTE

Hazardous Waste Code: D002
Waste Code Description: CORROSIVE WASTE

Hazardous Waste Code: D009
Waste Code Description: MERCURY

Hazardous Waste Code: F003
Waste Code Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN

PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Hazardous Waste Code: F005
Waste Code Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 20100216
Handler Name: ENGINEERED POLYMER SOLUTIONS
Federal Waste Generator Code: 1
Generator Code Description: Large Quantity Generator
Source Type: Annual/Biennial Report update with Notification

Waste Code Details

Hazardous Waste Code: 122
Waste Code Description: Alkaline solution without metals (pH > 12.5)

Hazardous Waste Code: 141
Waste Code Description: Off-specification, aged, or surplus inorganics

Hazardous Waste Code: 181
Waste Code Description: Other inorganic solid waste

Hazardous Waste Code: 214
Waste Code Description: Unspecified solvent mixture

Hazardous Waste Code: 221
Waste Code Description: Waste oil and mixed oil

Hazardous Waste Code: 331
Waste Code Description: Off-specification, aged, or surplus organics

Hazardous Waste Code: 343
Waste Code Description: Unspecified organic liquid mixture

Hazardous Waste Code: 352
Waste Code Description: Other organic solids

Hazardous Waste Code: D001
Waste Code Description: IGNITABLE WASTE

Hazardous Waste Code: D002
Waste Code Description: CORROSIVE WASTE

Hazardous Waste Code: F003
Waste Code Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Hazardous Waste Code: F005
Waste Code Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY

VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Hazardous Waste Code: P005
Waste Code Description: 2-PROPEN-1-OL (OR) ALLYL ALCOHOL

Hazardous Waste Code: U190
Waste Code Description: 1,3-ISOBENZOFURANDIONE (OR) PHTHALIC ANHYDRIDE

Hazardous Waste Handler Details

Sequence No: 2
Receive Date: 20120217
Handler Name: ENGINEERED POLYMER SOLUTIONS
Federal Waste Generator Code: 1
Generator Code Description: Large Quantity Generator
Source Type: Annual/Biennial Report update with Notification

Waste Code Details

Hazardous Waste Code: 122
Waste Code Description: Alkaline solution without metals (pH > 12.5)

Hazardous Waste Code: 134
Waste Code Description: Aqueous solution with <10% total organic residues

Hazardous Waste Code: 135
Waste Code Description: Unspecified aqueous solution

Hazardous Waste Code: 181
Waste Code Description: Other inorganic solid waste

Hazardous Waste Code: 214
Waste Code Description: Unspecified solvent mixture

Hazardous Waste Code: 331
Waste Code Description: Off-specification, aged, or surplus organics

Hazardous Waste Code: 343
Waste Code Description: Unspecified organic liquid mixture

Hazardous Waste Code: 352
Waste Code Description: Other organic solids

Hazardous Waste Code: D001
Waste Code Description: IGNITABLE WASTE

Hazardous Waste Code: D002
Waste Code Description: CORROSIVE WASTE

Hazardous Waste Code: D035
Waste Code Description: METHYL ETHYL KETONE

Hazardous Waste Code: F002
Waste Code Description: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Hazardous Waste Code: F003
Waste Code Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE

SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Hazardous Waste Code: F005
Waste Code Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Hazardous Waste Handler Details

Sequence No: 3
Receive Date: 20140301
Handler Name: ENGINEERED POLYMER SOLUTIONS
Federal Waste Generator Code: 1
Generator Code Description: Large Quantity Generator
Source Type: Annual/Biennial Report update with Notification

Waste Code Details

Hazardous Waste Code: 122
Waste Code Description: Alkaline solution without metals (pH > 12.5)

Hazardous Waste Code: 134
Waste Code Description: Aqueous solution with <10% total organic residues

Hazardous Waste Code: 135
Waste Code Description: Unspecified aqueous solution

Hazardous Waste Code: 181
Waste Code Description: Other inorganic solid waste

Hazardous Waste Code: 214
Waste Code Description: Unspecified solvent mixture

Hazardous Waste Code: 291
Waste Code Description: Latex waste

Hazardous Waste Code: 331
Waste Code Description: Off-specification, aged, or surplus organics

Hazardous Waste Code: 343
Waste Code Description: Unspecified organic liquid mixture

Hazardous Waste Code: 352
Waste Code Description: Other organic solids

Hazardous Waste Code: 512
Waste Code Description: Other empty containers 30 gallons or more

Hazardous Waste Code: D001
Waste Code Description: IGNITABLE WASTE

Hazardous Waste Code: D002
Waste Code Description: CORROSIVE WASTE

Hazardous Waste Code: D008
Waste Code Description: LEAD

Hazardous Waste Code: D009
Waste Code Description: MERCURY

Hazardous Waste Code: D035
Waste Code Description: METHYL ETHYL KETONE

Hazardous Waste Code: F002
Waste Code Description: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Hazardous Waste Code: F003
Waste Code Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Hazardous Waste Code: F005
Waste Code Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Hazardous Waste Code: U223
Waste Code Description: BENZENE, 1,3-DIISOCYANATOMETHYL- (R,T) (OR) TOLUENE DIISOCYANATE (R,T)

Hazardous Waste Handler Details

Sequence No: 4
Receive Date: 20160519
Handler Name: ENGINEERED POLYMER SOLUTIONS
Federal Waste Generator Code: 1
Generator Code Description: Large Quantity Generator
Source Type: Annual/Biennial Report update with Notification

Waste Code Details

Hazardous Waste Code: 122
Waste Code Description: Alkaline solution without metals (pH > 12.5)

Hazardous Waste Code: 134
Waste Code Description: Aqueous solution with <10% total organic residues

Hazardous Waste Code: 135
Waste Code Description: Unspecified aqueous solution

Hazardous Waste Code: 212
Waste Code Description: Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)

Hazardous Waste Code: 214
Waste Code Description: Unspecified solvent mixture

Hazardous Waste Code: 272
Waste Code Description: Polymeric resin waste

Hazardous Waste Code: 331
Waste Code Description: Off-specification, aged, or surplus organics

Hazardous Waste Code: 343
Waste Code Description: Unspecified organic liquid mixture

Hazardous Waste Code: 352
Waste Code Description: Other organic solids

Hazardous Waste Code: 461
Waste Code Description: Degreasing sludge

Hazardous Waste Code: 791
Waste Code Description: Liquids with pH < 2

Hazardous Waste Code: D001
Waste Code Description: IGNITABLE WASTE

Hazardous Waste Code: D002
Waste Code Description: CORROSIVE WASTE

Hazardous Waste Code: D008
Waste Code Description: LEAD

Hazardous Waste Code: D009
Waste Code Description: MERCURY

Hazardous Waste Code: D035
Waste Code Description: METHYL ETHYL KETONE

Hazardous Waste Code: F002
Waste Code Description: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Hazardous Waste Code: F003
Waste Code Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Hazardous Waste Code: F005
Waste Code Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Hazardous Waste Code: U031
Waste Code Description: 1-BUTANOL (I) (OR) N-BUTYL ALCOHOL (I)

Hazardous Waste Code: U154
Waste Code Description: METHANOL (I) (OR) METHYL ALCOHOL (I)

Hazardous Waste Code: U190
Waste Code Description: 1,3-ISOBENZOFURANDIONE (OR) PHTHALIC ANHYDRIDE

Hazardous Waste Handler Details

Sequence No: 2
Receive Date: 20170215
Handler Name: ENGINEERED POLYMER SOLUTIONS
Federal Waste Generator Code: 1
Generator Code Description: Large Quantity Generator

Source Type: Notification

Waste Code Details

Hazardous Waste Code: 122
Waste Code Description: Alkaline solution without metals (pH > 12.5)

Hazardous Waste Code: 134
Waste Code Description: Aqueous solution with <10% total organic residues

Hazardous Waste Code: 135
Waste Code Description: Unspecified aqueous solution

Hazardous Waste Code: 181
Waste Code Description: Other inorganic solid waste

Hazardous Waste Code: 212
Waste Code Description: Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)

Hazardous Waste Code: 214
Waste Code Description: Unspecified solvent mixture

Hazardous Waste Code: 272
Waste Code Description: Polymeric resin waste

Hazardous Waste Code: 331
Waste Code Description: Off-specification, aged, or surplus organics

Hazardous Waste Code: 343
Waste Code Description: Unspecified organic liquid mixture

Hazardous Waste Code: 352
Waste Code Description: Other organic solids

Hazardous Waste Code: 461
Waste Code Description: Degreasing sludge

Hazardous Waste Code: 791
Waste Code Description: Liquids with pH < 2

Hazardous Waste Code: D001
Waste Code Description: IGNITABLE WASTE

Hazardous Waste Code: D002
Waste Code Description: CORROSIVE WASTE

Hazardous Waste Code: D008
Waste Code Description: LEAD

Hazardous Waste Code: D009
Waste Code Description: MERCURY

Hazardous Waste Code: D035
Waste Code Description: METHYL ETHYL KETONE

Hazardous Waste Code: F002
Waste Code Description: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Hazardous Waste Code: F003
Waste Code Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE

SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Hazardous Waste Code: F005
Waste Code Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Hazardous Waste Code: U031
Waste Code Description: 1-BUTANOL (I) (OR) N-BUTYL ALCOHOL (I)

Hazardous Waste Code: U154
Waste Code Description: METHANOL (I) (OR) METHYL ALCOHOL (I)

Hazardous Waste Code: U190
Waste Code Description: 1,3-ISOBENZOFURANDIONE (OR) PHTHALIC ANHYDRIDE

Hazardous Waste Handler Details

Sequence No: 5
Receive Date: 20180228
Handler Name: ENGINEERED POLYMER SOLUTIONS INC
Federal Waste Generator Code: 1
Generator Code Description: Large Quantity Generator
Source Type: Annual/Biennial Report update with Notification

Waste Code Details

Hazardous Waste Code: 122
Waste Code Description: Alkaline solution without metals (pH > 12.5)

Hazardous Waste Code: 134
Waste Code Description: Aqueous solution with <10% total organic residues

Hazardous Waste Code: 135
Waste Code Description: Unspecified aqueous solution

Hazardous Waste Code: 214
Waste Code Description: Unspecified solvent mixture

Hazardous Waste Code: 331
Waste Code Description: Off-specification, aged, or surplus organics

Hazardous Waste Code: 343
Waste Code Description: Unspecified organic liquid mixture

Hazardous Waste Code: 352
Waste Code Description: Other organic solids

Hazardous Waste Code: 461
Waste Code Description: Degreasing sludge

Hazardous Waste Code: 551
Waste Code Description: Laboratory waste chemicals

Hazardous Waste Code: D001
Waste Code Description: IGNITABLE WASTE

Hazardous Waste Code: D002
Waste Code Description: CORROSIVE WASTE

Hazardous Waste Code: D035
Waste Code Description: METHYL ETHYL KETONE

Hazardous Waste Code: F002
Waste Code Description: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Hazardous Waste Code: F003
Waste Code Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Hazardous Waste Code: F005
Waste Code Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Hazardous Waste Handler Details

Sequence No: 6
Receive Date: 20200917
Handler Name: ENGINEERED POLYMER SOLUTIONS INC
Federal Waste Generator Code: 1
Generator Code Description: Large Quantity Generator
Source Type: Annual/Biennial Report update with Notification

Waste Code Details

Hazardous Waste Code: 122
Waste Code Description: Alkaline solution without metals (pH > 12.5)

Hazardous Waste Code: 134
Waste Code Description: Aqueous solution with <10% total organic residues

Hazardous Waste Code: 135
Waste Code Description: Unspecified aqueous solution

Hazardous Waste Code: 214
Waste Code Description: Unspecified solvent mixture

Hazardous Waste Code: 331
Waste Code Description: Off-specification, aged, or surplus organics

Hazardous Waste Code: 343
Waste Code Description: Unspecified organic liquid mixture

Hazardous Waste Code: 352
Waste Code Description: Other organic solids

Hazardous Waste Code: 461
Waste Code Description: Degreasing sludge

Hazardous Waste Code: 551
Waste Code Description: Laboratory waste chemicals

Hazardous Waste Code: D001
Waste Code Description: IGNITABLE WASTE

Hazardous Waste Code: D002
Waste Code Description: CORROSIVE WASTE

Hazardous Waste Code: D035
Waste Code Description: METHYL ETHYL KETONE

Hazardous Waste Code: F002
Waste Code Description: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Hazardous Waste Code: F003
Waste Code Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Hazardous Waste Code: F005
Waste Code Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Owner/Operator Details

Owner/Operator Ind:	Current Owner	***Street No:***	
Type:	Private	***Street 1:***	PO BOX 1461
Name:	VALSPAR CORPORATION	***Street 2:***	
Date Became Current:	19940201	***City:***	MINNEAPOLIS
Date Ended Current:		***State:***	MN
Phone:	800-825-7227	***Country:***	
Source Type:	Annual/Biennial Report update with Notification	***Zip Code:***	55440

Owner/Operator Ind:	Current Operator	***Street No:***	
Type:	Private	***Street 1:***	
Name:	ENGINEERED POLYMER SOLUTIONS	***Street 2:***	
Date Became Current:	19940219	***City:***	
Date Ended Current:		***State:***	
Phone:		***Country:***	US
Source Type:	Annual/Biennial Report	***Zip Code:***	

Owner/Operator Ind:	Current Owner	***Street No:***	901
Type:	Private	***Street 1:***	3 RD AVENUE SOUTH
Name:	VALSPAR CORPORATION	***Street 2:***	
Date Became Current:	19940201	***City:***	MINNEAPOLIS
Date Ended Current:		***State:***	MN
Phone:	800-825-7227	***Country:***	
Source Type:	Annual/Biennial Report update with Notification	***Zip Code:***	55401

Owner/Operator Ind:	Current Operator	***Street No:***	
Type:	Private	***Street 1:***	
Name:	ENGINEERED POLYMER SOLUTIONS INC	***Street 2:***	
Date Became Current:	19940201	***City:***	
Date Ended Current:		***State:***	

Phone:		**Country:**	
Source Type:	Annual/Biennial Report update with Notification	**Zip Code:**	
Owner/Operator Ind:	Current Operator	**Street No:**	5501
Type:	Private	**Street 1:**	E SLAUSON AVE
Name:	ENGINEERED POLYMER SOLUTIONS, INC.	**Street 2:**	
Date Became Current:	19940201	**City:**	COMMERCE
Date Ended Current:		**State:**	CA
Phone:	323-889-2509	**Country:**	US
Source Type:	Annual/Biennial Report update with Notification	**Zip Code:**	90040
Owner/Operator Ind:	Current Operator	**Street No:**	
Type:	Private	**Street 1:**	
Name:	ENGINEERED POLYMER SOLUTIONS	**Street 2:**	
Date Became Current:	19941231	**City:**	
Date Ended Current:		**State:**	
Phone:		**Country:**	US
Source Type:	Annual/Biennial Report	**Zip Code:**	
Owner/Operator Ind:	Current Owner	**Street No:**	
Type:	Private	**Street 1:**	
Name:	ENGINEERED POLYMER SOLUTIONS	**Street 2:**	
Date Became Current:	19941231	**City:**	
Date Ended Current:		**State:**	
Phone:		**Country:**	US
Source Type:	Annual/Biennial Report	**Zip Code:**	
Owner/Operator Ind:	Current Owner	**Street No:**	
Type:	Private	**Street 1:**	1101 S. 3RD ST
Name:	ENGINEERED POLYMER SOLUTIONS, INC	**Street 2:**	
Date Became Current:	19941231	**City:**	MINNEAPOLIS
Date Ended Current:		**State:**	MN
Phone:		**Country:**	US
Source Type:	Annual/Biennial Report	**Zip Code:**	55415
Owner/Operator Ind:	Current Operator	**Street No:**	
Type:	Private	**Street 1:**	
Name:	ENGINEERED POLYMER SOLUTIONS	**Street 2:**	
Date Became Current:	19940219	**City:**	
Date Ended Current:		**State:**	MN
Phone:		**Country:**	
Source Type:	Annual/Biennial Report update with Notification	**Zip Code:**	55440
Owner/Operator Ind:	Current Owner	**Street No:**	101
Type:	Private	**Street 1:**	WEST PROSPECT AVENUE
Name:	THE SHERWIN-WILLIAMS MANUFACTURING COMPANY	**Street 2:**	
Date Became Current:	20180101	**City:**	CLEVELAND
Date Ended Current:		**State:**	OH
Phone:	323-889-2509	**Country:**	US
Source Type:	Annual/Biennial Report update with Notification	**Zip Code:**	44115
Owner/Operator Ind:	Current Operator	**Street No:**	
Type:	Private	**Street 1:**	
Name:	ENGINEERED POLYMER SOLUTIONS INC	**Street 2:**	
Date Became Current:	19940201	**City:**	
Date Ended Current:		**State:**	
Phone:		**Country:**	
Source Type:	Notification	**Zip Code:**	
Owner/Operator Ind:	Current Operator	**Street No:**	
Type:	Private	**Street 1:**	
Name:	ENGINEERED POLYMER SOLUTIONS, INC	**Street 2:**	
Date Became Current:	19941231	**City:**	
Date Ended Current:		**State:**	
Phone:		**Country:**	US
Source Type:	Annual/Biennial Report	**Zip Code:**	
Owner/Operator Ind:	Current Owner	**Street No:**	

Type:	Private	**Street 1:**	1101 S. THIRD STREET
Name:	VALSPAR CORPORATION	**Street 2:**	
Date Became Current:	19940201	**City:**	MINNEAPOLIS
Date Ended Current:		**State:**	CA
Phone:		**Country:**	US
Source Type:	Annual/Biennial Report	**Zip Code:**	55415
Owner/Operator Ind:	Current Operator	**Street No:**	5501
Type:	Private	**Street 1:**	E. SLAUSON AVE
Name:	DOUGLAS A JOHNSON	**Street 2:**	
Date Became Current:	20110801	**City:**	LOS ANGELES
Date Ended Current:		**State:**	CA
Phone:	323-889-2518	**Country:**	
Source Type:	Annual/Biennial Report update with Notification	**Zip Code:**	90040
Owner/Operator Ind:	Current Owner	**Street No:**	
Type:	Private	**Street 1:**	P.O. BOX 1461
Name:	VALSPAR CORPORATION	**Street 2:**	
Date Became Current:	19940201	**City:**	MINNEAPOLIS
Date Ended Current:		**State:**	CA
Phone:	612-851-7005	**Country:**	
Source Type:	Annual/Biennial Report update with Notification	**Zip Code:**	55440
Owner/Operator Ind:	Current Owner	**Street No:**	901
Type:	Private	**Street 1:**	3 RD AVE SOUTH
Name:	VALSPAR CORPORATION	**Street 2:**	
Date Became Current:	19940201	**City:**	MINNEAPOLIS
Date Ended Current:		**State:**	MN
Phone:	800-825-7227	**Country:**	US
Source Type:	Notification	**Zip Code:**	55401
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:**	1400 N. STATE ST.
Name:	ENGINEERED POLYMER SOLUTIONS	**Street 2:**	
Date Became Current:	19940219	**City:**	MARENGO
Date Ended Current:		**State:**	IL
Phone:		**Country:**	US
Source Type:	Annual/Biennial Report	**Zip Code:**	60152
Owner/Operator Ind:	Current Owner	**Street No:**	
Type:	Private	**Street 1:**	5501 E SLAUSON AVE
Name:	MCCLOSKEY VARNISH COMPANY OF THE WEST	**Street 2:**	
Date Became Current:		**City:**	LOS ANGELES
Date Ended Current:		**State:**	CA
Phone:	213-726-7272	**Country:**	
Source Type:	Notification	**Zip Code:**	90040
Owner/Operator Ind:	Current Owner	**Street No:**	901
Type:	Private	**Street 1:**	3 RD AVE SOUTH
Name:	VALSPAR CORPORATION	**Street 2:**	
Date Became Current:	19940201	**City:**	MINNEAPOLIS
Date Ended Current:		**State:**	MN
Phone:	800-825-7227	**Country:**	US
Source Type:	Annual/Biennial Report update with Notification	**Zip Code:**	55401

Historical Handler Details

Receive Dt:	20180228
Generator Code Description:	Large Quantity Generator

Handler Name: ENGINEERED POLYMER SOLUTIONS INC

Receive Dt: 20170215
Generator Code Description: Large Quantity Generator
Handler Name: ENGINEERED POLYMER SOLUTIONS

Receive Dt: 20160519
Generator Code Description: Large Quantity Generator
Handler Name: ENGINEERED POLYMER SOLUTIONS

Receive Dt: 20140301
Generator Code Description: Large Quantity Generator
Handler Name: ENGINEERED POLYMER SOLUTIONS

Receive Dt: 20120217
Generator Code Description: Large Quantity Generator
Handler Name: ENGINEERED POLYMER SOLUTIONS

Receive Dt: 20100216
Generator Code Description: Large Quantity Generator
Handler Name: ENGINEERED POLYMER SOLUTIONS

Receive Dt: 20080125
Generator Code Description: Large Quantity Generator
Handler Name: ENGINEERED POLYMER SOLUTIONS

Receive Dt: 20060227
Generator Code Description: Large Quantity Generator
Handler Name: ENGINEERED POLYMER SOLUTIONS

Receive Dt: 20040526
Generator Code Description: Large Quantity Generator
Handler Name: ENGINEERED POLYMER SOLUTIONS

Receive Dt: 20020220
Generator Code Description: Large Quantity Generator
Handler Name: ENGINEERED POLYMER SOLUTIONS, INC.

Receive Dt: 20001012
Generator Code Description: Large Quantity Generator
Handler Name: ENGINEERED POLYMER SOLUTIONS, INC.

Receive Dt: 19990304
Generator Code Description: Large Quantity Generator
Handler Name: ENGINEERED POLYMER SOLUTIONS

Receive Dt: 19960901
Generator Code Description: Large Quantity Generator
Handler Name: MCCLOSKEY VARNISH CO OF WEST

Receive Dt: 19960122
Generator Code Description: Large Quantity Generator
Handler Name: ENGINEERED POLYMER SOLUTIONS

Receive Dt: 19940314
Generator Code Description: Large Quantity Generator
Handler Name: ENGINEERED POLYMER SOLUTIONS

Receive Dt: 19920220
Generator Code Description: Large Quantity Generator
Handler Name: MCWHORTER INC

Receive Dt: 19900409
Generator Code Description: Large Quantity Generator
Handler Name: MC WHORTER INC./MCCLOSKEY VARNISH CO OF

Receive Dt: 19800818
Generator Code Description: Large Quantity Generator
Handler Name: MCCLOSKEY VARNISH CO OF WEST

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
8	2 of 25	S	0.10 / 502.87	142.14 / 0	ENGINEERED POLYMER SOLUTIONS INC 5501 E SLAUSON AVE COMMERCE CA 90040-0000	RCRA LQG

EPA Handler ID: CAD002277093
Gen Status Universe: Large Quantity Generator
Contact Name: VAN HUYNH
Contact Address: 5501 , E SLAUSON AVE , , COMMERCE , CA, 90040 , US
Contact Phone No and Ext: 323-889-2509
Contact Email: VAN.HUYNH@EPS-MATERIALS.COM
Contact Country: US
County Name: LOS ANGELES
EPA Region: 09
Land Type: Private
Receive Date: 20200917
Location Latitude: 33.984799
Location Longitude: -118.152646

Violation/Evaluation Summary

Note: VIOLATION or UNDETERMINED: There are VIOLATION or UNDETERMINED details or records associated with this facility (EPA ID) in the Compliance Monitoring and Enforcement table dated Nov, 2021.

Violation Details

Found Violation: Yes
Citation:
Violation Short Description: Generators - Pre-transport
Violation Type: 262.C
Violation Determined Date: 20210504
Scheduled Compliance Date:
Return to Compliance:
Actual Return to Compl:
Violation Responsible Agency: State

Violation Details

Found Violation: Yes
Citation:
Violation Short Description: Generators - Pre-transport
Violation Type: 262.C
Violation Determined Date: 20120523
Scheduled Compliance Date:
Return to Compliance: Documented
Actual Return to Compl: 20130312
Violation Responsible Agency: EPA

Evaluation Details

Evaluation Start Date: 20210504
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: EPA

Evaluation Start Date: 20210504
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description: Generators - Pre-transport
Return to Compliance Date:
Evaluation Agency: State

Evaluation Start Date: 20190613
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: State

Evaluation Start Date: 20180530
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: State

Evaluation Start Date: 20160411
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: State

Evaluation Start Date: 20120524
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: State

Evaluation Start Date: 20120523
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description: Generators - Pre-transport
Return to Compliance Date: 20130312
Evaluation Agency: EPA

Evaluation Start Date: 19940414
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: State Contractor/Grantee

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: 19800818
Handler Name: MCCLOSKEY VARNISH CO OF WEST
Federal Waste Generator Code: 1
Generator Code Description: Large Quantity Generator
Source Type: Notification

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 19900409
Handler Name: MC WHORTER INC./MCCLOSKEY VARNISH CO OF
Federal Waste Generator Code: 1
Generator Code Description: Large Quantity Generator
Source Type: Annual/Biennial Report

Hazardous Waste Handler Details

Sequence No: 2
Receive Date: 19920220
Handler Name: MCWHORTER INC
Federal Waste Generator Code: 1
Generator Code Description: Large Quantity Generator
Source Type: Annual/Biennial Report

Hazardous Waste Handler Details

Sequence No: 3
Receive Date: 19940314
Handler Name: ENGINEERED POLYMER SOLUTIONS
Federal Waste Generator Code: 1
Generator Code Description: Large Quantity Generator
Source Type: Annual/Biennial Report

Hazardous Waste Handler Details

Sequence No: 4
Receive Date: 19960122
Handler Name: ENGINEERED POLYMER SOLUTIONS
Federal Waste Generator Code: 1
Generator Code Description: Large Quantity Generator
Source Type: Annual/Biennial Report

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 19960901
Handler Name: MCCLOSKEY VARNISH CO OF WEST
Federal Waste Generator Code: 1
Generator Code Description: Large Quantity Generator
Source Type: Implementer

Hazardous Waste Handler Details

Sequence No: 5
Receive Date: 19990304
Handler Name: ENGINEERED POLYMER SOLUTIONS
Federal Waste Generator Code: 1
Generator Code Description: Large Quantity Generator
Source Type: Annual/Biennial Report

Hazardous Waste Handler Details

Sequence No: 6
Receive Date: 20001012
Handler Name: ENGINEERED POLYMER SOLUTIONS, INC.
Federal Waste Generator Code: 1
Generator Code Description: Large Quantity Generator
Source Type: Annual/Biennial Report

Hazardous Waste Handler Details

Sequence No: 7
Receive Date: 20020220
Handler Name: ENGINEERED POLYMER SOLUTIONS, INC.
Federal Waste Generator Code: 1
Generator Code Description: Large Quantity Generator
Source Type: Annual/Biennial Report

Waste Code Details

Hazardous Waste Code: D001
Waste Code Description: IGNITABLE WASTE

Hazardous Waste Code: D035
Waste Code Description: METHYL ETHYL KETONE

Hazardous Waste Code: F003
Waste Code Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Hazardous Waste Code: F005
Waste Code Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Hazardous Waste Handler Details

Sequence No: 8
Receive Date: 20040526
Handler Name: ENGINEERED POLYMER SOLUTIONS
Federal Waste Generator Code: 1
Generator Code Description: Large Quantity Generator
Source Type: Annual/Biennial Report

Waste Code Details

Hazardous Waste Code: D001
Waste Code Description: IGNITABLE WASTE

Hazardous Waste Code: D002
Waste Code Description: CORROSIVE WASTE

Hazardous Waste Code: D035
Waste Code Description: METHYL ETHYL KETONE

Hazardous Waste Code: F003
Waste Code Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Hazardous Waste Code: F005

Waste Code Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Hazardous Waste Handler Details

Sequence No: 9
Receive Date: 20060227
Handler Name: ENGINEERED POLYMER SOLUTIONS
Federal Waste Generator Code: 1
Generator Code Description: Large Quantity Generator
Source Type: Annual/Biennial Report

Waste Code Details

Hazardous Waste Code: 135
Waste Code Description: Unspecified aqueous solution

Hazardous Waste Code: 151
Waste Code Description: Asbestos-containing waste

Hazardous Waste Code: 181
Waste Code Description: Other inorganic solid waste

Hazardous Waste Code: 221
Waste Code Description: Waste oil and mixed oil

Hazardous Waste Code: 331
Waste Code Description: Off-specification, aged, or surplus organics

Hazardous Waste Code: 352
Waste Code Description: Other organic solids

Hazardous Waste Code: 591
Waste Code Description: Baghouse waste

Hazardous Waste Code: D001
Waste Code Description: IGNITABLE WASTE

Hazardous Waste Code: D002
Waste Code Description: CORROSIVE WASTE

Hazardous Waste Code: D008
Waste Code Description: LEAD

Hazardous Waste Code: F003
Waste Code Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Hazardous Waste Code: F005
Waste Code Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Hazardous Waste Handler Details

Sequence No: 10
Receive Date: 20080125
Handler Name: ENGINEERED POLYMER SOLUTIONS
Federal Waste Generator Code: 1
Generator Code Description: Large Quantity Generator
Source Type: Annual/Biennial Report

Waste Code Details

Hazardous Waste Code: D001
Waste Code Description: IGNITABLE WASTE

Hazardous Waste Code: D002
Waste Code Description: CORROSIVE WASTE

Hazardous Waste Code: D009
Waste Code Description: MERCURY

Hazardous Waste Code: F003
Waste Code Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Hazardous Waste Code: F005
Waste Code Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 20100216
Handler Name: ENGINEERED POLYMER SOLUTIONS
Federal Waste Generator Code: 1
Generator Code Description: Large Quantity Generator
Source Type: Annual/Biennial Report update with Notification

Waste Code Details

Hazardous Waste Code: 122
Waste Code Description: Alkaline solution without metals (pH > 12.5)

Hazardous Waste Code: 141
Waste Code Description: Off-specification, aged, or surplus inorganics

Hazardous Waste Code: 181
Waste Code Description: Other inorganic solid waste

Hazardous Waste Code: 214
Waste Code Description: Unspecified solvent mixture

Hazardous Waste Code: 221
Waste Code Description: Waste oil and mixed oil

Hazardous Waste Code: 331
Waste Code Description: Off-specification, aged, or surplus organics

Hazardous Waste Code: 343
Waste Code Description: Unspecified organic liquid mixture

Hazardous Waste Code: 352
Waste Code Description: Other organic solids

Hazardous Waste Code: D001
Waste Code Description: IGNITABLE WASTE

Hazardous Waste Code: D002
Waste Code Description: CORROSIVE WASTE

Hazardous Waste Code: F003
Waste Code Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Hazardous Waste Code: F005
Waste Code Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Hazardous Waste Code: P005
Waste Code Description: 2-PROPEN-1-OL (OR) ALLYL ALCOHOL

Hazardous Waste Code: U190
Waste Code Description: 1,3-ISOBENZOFURANDIONE (OR) PHTHALIC ANHYDRIDE

Hazardous Waste Handler Details

Sequence No: 2
Receive Date: 20120217
Handler Name: ENGINEERED POLYMER SOLUTIONS
Federal Waste Generator Code: 1
Generator Code Description: Large Quantity Generator
Source Type: Annual/Biennial Report update with Notification

Waste Code Details

Hazardous Waste Code: 122
Waste Code Description: Alkaline solution without metals (pH > 12.5)

Hazardous Waste Code: 134
Waste Code Description: Aqueous solution with <10% total organic residues

Hazardous Waste Code: 135
Waste Code Description: Unspecified aqueous solution

Hazardous Waste Code: 181
Waste Code Description: Other inorganic solid waste

Hazardous Waste Code: 214
Waste Code Description: Unspecified solvent mixture

Hazardous Waste Code: 331
Waste Code Description: Off-specification, aged, or surplus organics

Hazardous Waste Code: 343

Waste Code Description: Unspecified organic liquid mixture

Hazardous Waste Code: 352
Waste Code Description: Other organic solids

Hazardous Waste Code: D001
Waste Code Description: IGNITABLE WASTE

Hazardous Waste Code: D002
Waste Code Description: CORROSIVE WASTE

Hazardous Waste Code: D035
Waste Code Description: METHYL ETHYL KETONE

Hazardous Waste Code: F002
Waste Code Description: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Hazardous Waste Code: F003
Waste Code Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Hazardous Waste Code: F005
Waste Code Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Hazardous Waste Handler Details

Sequence No: 3
Receive Date: 20140301
Handler Name: ENGINEERED POLYMER SOLUTIONS
Federal Waste Generator Code: 1
Generator Code Description: Large Quantity Generator
Source Type: Annual/Biennial Report update with Notification

Waste Code Details

Hazardous Waste Code: 122
Waste Code Description: Alkaline solution without metals (pH > 12.5)

Hazardous Waste Code: 134
Waste Code Description: Aqueous solution with <10% total organic residues

Hazardous Waste Code: 135
Waste Code Description: Unspecified aqueous solution

Hazardous Waste Code: 181
Waste Code Description: Other inorganic solid waste

Hazardous Waste Code: 214
Waste Code Description: Unspecified solvent mixture

Hazardous Waste Code: 291
Waste Code Description: Latex waste

Hazardous Waste Code: 331
Waste Code Description: Off-specification, aged, or surplus organics

Hazardous Waste Code: 343
Waste Code Description: Unspecified organic liquid mixture

Hazardous Waste Code: 352
Waste Code Description: Other organic solids

Hazardous Waste Code: 512
Waste Code Description: Other empty containers 30 gallons or more

Hazardous Waste Code: D001
Waste Code Description: IGNITABLE WASTE

Hazardous Waste Code: D002
Waste Code Description: CORROSIVE WASTE

Hazardous Waste Code: D008
Waste Code Description: LEAD

Hazardous Waste Code: D009
Waste Code Description: MERCURY

Hazardous Waste Code: D035
Waste Code Description: METHYL ETHYL KETONE

Hazardous Waste Code: F002
Waste Code Description: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Hazardous Waste Code: F003
Waste Code Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Hazardous Waste Code: F005
Waste Code Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Hazardous Waste Code: U223
Waste Code Description: BENZENE, 1,3-DIISOCYANATOMETHYL- (R,T) (OR) TOLUENE DIISOCYANATE (R,T)

Hazardous Waste Handler Details

Sequence No: 4
Receive Date: 20160519
Handler Name: ENGINEERED POLYMER SOLUTIONS
Federal Waste Generator Code: 1
Generator Code Description: Large Quantity Generator
Source Type: Annual/Biennial Report update with Notification

Waste Code Details

Hazardous Waste Code: 122
Waste Code Description: Alkaline solution without metals (pH > 12.5)

Hazardous Waste Code: 134
Waste Code Description: Aqueous solution with <10% total organic residues

Hazardous Waste Code: 135
Waste Code Description: Unspecified aqueous solution

Hazardous Waste Code: 212
Waste Code Description: Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)

Hazardous Waste Code: 214
Waste Code Description: Unspecified solvent mixture

Hazardous Waste Code: 272
Waste Code Description: Polymeric resin waste

Hazardous Waste Code: 331
Waste Code Description: Off-specification, aged, or surplus organics

Hazardous Waste Code: 343
Waste Code Description: Unspecified organic liquid mixture

Hazardous Waste Code: 352
Waste Code Description: Other organic solids

Hazardous Waste Code: 461
Waste Code Description: Degreasing sludge

Hazardous Waste Code: 791
Waste Code Description: Liquids with pH < 2

Hazardous Waste Code: D001
Waste Code Description: IGNITABLE WASTE

Hazardous Waste Code: D002
Waste Code Description: CORROSIVE WASTE

Hazardous Waste Code: D008
Waste Code Description: LEAD

Hazardous Waste Code: D009
Waste Code Description: MERCURY

Hazardous Waste Code: D035
Waste Code Description: METHYL ETHYL KETONE

Hazardous Waste Code: F002
Waste Code Description: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Hazardous Waste Code: F003
Waste Code Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT

SOLVENT MIXTURES.

Hazardous Waste Code: F005
Waste Code Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Hazardous Waste Code: U031
Waste Code Description: 1-BUTANOL (I) (OR) N-BUTYL ALCOHOL (I)

Hazardous Waste Code: U154
Waste Code Description: METHANOL (I) (OR) METHYL ALCOHOL (I)

Hazardous Waste Code: U190
Waste Code Description: 1,3-ISOBENZOFURANDIONE (OR) PHTHALIC ANHYDRIDE

Hazardous Waste Handler Details

Sequence No: 2
Receive Date: 20170215
Handler Name: ENGINEERED POLYMER SOLUTIONS
Federal Waste Generator Code: 1
Generator Code Description: Large Quantity Generator
Source Type: Notification

Waste Code Details

Hazardous Waste Code: 122
Waste Code Description: Alkaline solution without metals (pH > 12.5)

Hazardous Waste Code: 134
Waste Code Description: Aqueous solution with <10% total organic residues

Hazardous Waste Code: 135
Waste Code Description: Unspecified aqueous solution

Hazardous Waste Code: 181
Waste Code Description: Other inorganic solid waste

Hazardous Waste Code: 212
Waste Code Description: Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)

Hazardous Waste Code: 214
Waste Code Description: Unspecified solvent mixture

Hazardous Waste Code: 272
Waste Code Description: Polymeric resin waste

Hazardous Waste Code: 331
Waste Code Description: Off-specification, aged, or surplus organics

Hazardous Waste Code: 343
Waste Code Description: Unspecified organic liquid mixture

Hazardous Waste Code: 352
Waste Code Description: Other organic solids

Hazardous Waste Code: 461
Waste Code Description: Degreasing sludge

Hazardous Waste Code: 791
Waste Code Description: Liquids with pH < 2

Hazardous Waste Code: D001

Waste Code Description: IGNITABLE WASTE

Hazardous Waste Code: D002
Waste Code Description: CORROSIVE WASTE

Hazardous Waste Code: D008
Waste Code Description: LEAD

Hazardous Waste Code: D009
Waste Code Description: MERCURY

Hazardous Waste Code: D035
Waste Code Description: METHYL ETHYL KETONE

Hazardous Waste Code: F002
Waste Code Description: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Hazardous Waste Code: F003
Waste Code Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Hazardous Waste Code: F005
Waste Code Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Hazardous Waste Code: U031
Waste Code Description: 1-BUTANOL (I) (OR) N-BUTYL ALCOHOL (I)

Hazardous Waste Code: U154
Waste Code Description: METHANOL (I) (OR) METHYL ALCOHOL (I)

Hazardous Waste Code: U190
Waste Code Description: 1,3-ISOBENZOFURANDIONE (OR) PHTHALIC ANHYDRIDE

Hazardous Waste Handler Details

Sequence No: 5
Receive Date: 20180228
Handler Name: ENGINEERED POLYMER SOLUTIONS INC
Federal Waste Generator Code: 1
Generator Code Description: Large Quantity Generator
Source Type: Annual/Biennial Report update with Notification

Waste Code Details

Hazardous Waste Code: 122
Waste Code Description: Alkaline solution without metals (pH > 12.5)

Hazardous Waste Code: 134
Waste Code Description: Aqueous solution with <10% total organic residues

Hazardous Waste Code: 135
Waste Code Description: Unspecified aqueous solution

Hazardous Waste Code: 214
Waste Code Description: Unspecified solvent mixture

Hazardous Waste Code: 331
Waste Code Description: Off-specification, aged, or surplus organics

Hazardous Waste Code: 343
Waste Code Description: Unspecified organic liquid mixture

Hazardous Waste Code: 352
Waste Code Description: Other organic solids

Hazardous Waste Code: 461
Waste Code Description: Degreasing sludge

Hazardous Waste Code: 551
Waste Code Description: Laboratory waste chemicals

Hazardous Waste Code: D001
Waste Code Description: IGNITABLE WASTE

Hazardous Waste Code: D002
Waste Code Description: CORROSIVE WASTE

Hazardous Waste Code: D035
Waste Code Description: METHYL ETHYL KETONE

Hazardous Waste Code: F002
Waste Code Description: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Hazardous Waste Code: F003
Waste Code Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Hazardous Waste Code: F005
Waste Code Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Hazardous Waste Handler Details

Sequence No: 6
Receive Date: 20200917
Handler Name: ENGINEERED POLYMER SOLUTIONS INC
Federal Waste Generator Code: 1
Generator Code Description: Large Quantity Generator
Source Type: Annual/Biennial Report update with Notification

Waste Code Details

Hazardous Waste Code: 122
Waste Code Description: Alkaline solution without metals (pH > 12.5)

Hazardous Waste Code: 134
Waste Code Description: Aqueous solution with <10% total organic residues

Hazardous Waste Code: 135
Waste Code Description: Unspecified aqueous solution

Hazardous Waste Code: 214
Waste Code Description: Unspecified solvent mixture

Hazardous Waste Code: 331
Waste Code Description: Off-specification, aged, or surplus organics

Hazardous Waste Code: 343
Waste Code Description: Unspecified organic liquid mixture

Hazardous Waste Code: 352
Waste Code Description: Other organic solids

Hazardous Waste Code: 461
Waste Code Description: Degreasing sludge

Hazardous Waste Code: 551
Waste Code Description: Laboratory waste chemicals

Hazardous Waste Code: D001
Waste Code Description: IGNITABLE WASTE

Hazardous Waste Code: D002
Waste Code Description: CORROSIVE WASTE

Hazardous Waste Code: D035
Waste Code Description: METHYL ETHYL KETONE

Hazardous Waste Code: F002
Waste Code Description: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Hazardous Waste Code: F003
Waste Code Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Hazardous Waste Code: F005
Waste Code Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Owner/Operator Details

Owner/Operator Ind: Current Operator
Type: Private
Street No:
Street 1:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Name:	ENGINEERED POLYMER SOLUTIONS	**Street 2:**	
Date Became Current:	19940219	**City:**	
Date Ended Current:		**State:**	MN
Phone:		**Country:**	
Source Type:	Annual/Biennial Report update with Notification	**Zip Code:**	55440
Owner/Operator Ind:	Current Owner	**Street No:**	901
Type:	Private	**Street 1:**	3 RD AVE SOUTH
Name:	VALSPAR CORPORATION	**Street 2:**	
Date Became Current:	19940201	**City:**	MINNEAPOLIS
Date Ended Current:		**State:**	MN
Phone:	800-825-7227	**Country:**	US
Source Type:	Annual/Biennial Report update with Notification	**Zip Code:**	55401
Owner/Operator Ind:	Current Owner	**Street No:**	
Type:	Private	**Street 1:**	P.O. BOX 1461
Name:	VALSPAR CORPORATION	**Street 2:**	
Date Became Current:	19940201	**City:**	MINNEAPOLIS
Date Ended Current:		**State:**	CA
Phone:	612-851-7005	**Country:**	
Source Type:	Annual/Biennial Report update with Notification	**Zip Code:**	55440
Owner/Operator Ind:	Current Owner	**Street No:**	101
Type:	Private	**Street 1:**	WEST PROSPECT AVENUE
Name:	THE SHERWIN-WILLIAMS MANUFACTURING COMPANY	**Street 2:**	
Date Became Current:	20180101	**City:**	CLEVELAND
Date Ended Current:		**State:**	OH
Phone:	323-889-2509	**Country:**	US
Source Type:	Annual/Biennial Report update with Notification	**Zip Code:**	44115
Owner/Operator Ind:	Current Owner	**Street No:**	
Type:	Private	**Street 1:**	1101 S. 3RD ST
Name:	ENGINEERED POLYMER SOLUTIONS, INC	**Street 2:**	
Date Became Current:	19941231	**City:**	MINNEAPOLIS
Date Ended Current:		**State:**	MN
Phone:		**Country:**	US
Source Type:	Annual/Biennial Report	**Zip Code:**	55415
Owner/Operator Ind:	Current Operator	**Street No:**	
Type:	Private	**Street 1:**	
Name:	ENGINEERED POLYMER SOLUTIONS INC	**Street 2:**	
Date Became Current:	19940201	**City:**	
Date Ended Current:		**State:**	
Phone:		**Country:**	
Source Type:	Annual/Biennial Report update with Notification	**Zip Code:**	
Owner/Operator Ind:	Current Operator	**Street No:**	5501
Type:	Private	**Street 1:**	E. SLAUSON AVE
Name:	DOUGLAS A JOHNSON	**Street 2:**	
Date Became Current:	20110801	**City:**	LOS ANGELES
Date Ended Current:		**State:**	CA
Phone:	323-889-2518	**Country:**	
Source Type:	Annual/Biennial Report update with Notification	**Zip Code:**	90040
Owner/Operator Ind:	Current Operator	**Street No:**	
Type:	Private	**Street 1:**	
Name:	ENGINEERED POLYMER SOLUTIONS	**Street 2:**	
Date Became Current:	19941231	**City:**	
Date Ended Current:		**State:**	
Phone:		**Country:**	US
Source Type:	Annual/Biennial Report	**Zip Code:**	
Owner/Operator Ind:	Current Operator	**Street No:**	
Type:	Private	**Street 1:**	
Name:	ENGINEERED POLYMER SOLUTIONS	**Street 2:**	
Date Became Current:	19940219	**City:**	
Date Ended Current:		**State:**	
Phone:		**Country:**	US

Source Type:	Annual/Biennial Report	**Zip Code:**	
Owner/Operator Ind:	Current Owner	**Street No:**	
Type:	Private	**Street 1:**	PO BOX 1461
Name:	VALSPAR CORPORATION	**Street 2:**	
Date Became Current:	19940201	**City:**	MINNEAPOLIS
Date Ended Current:		**State:**	MN
Phone:	800-825-7227	**Country:**	
Source Type:	Annual/Biennial Report update with Notification	**Zip Code:**	55440
Owner/Operator Ind:	Current Operator	**Street No:**	
Type:	Private	**Street 1:**	
Name:	ENGINEERED POLYMER SOLUTIONS, INC	**Street 2:**	
Date Became Current:	19941231	**City:**	
Date Ended Current:		**State:**	
Phone:		**Country:**	US
Source Type:	Annual/Biennial Report	**Zip Code:**	
Owner/Operator Ind:	Current Owner	**Street No:**	901
Type:	Private	**Street 1:**	3 RD AVE SOUTH
Name:	VALSPAR CORPORATION	**Street 2:**	
Date Became Current:	19940201	**City:**	MINNEAPOLIS
Date Ended Current:		**State:**	MN
Phone:	800-825-7227	**Country:**	US
Source Type:	Notification	**Zip Code:**	55401
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:**	901
Type:	Private	**Street 1:**	3 RD AVENUE SOUTH
Name:	VALSPAR CORPORATION	**Street 2:**	
Date Became Current:	19940201	**City:**	MINNEAPOLIS
Date Ended Current:		**State:**	MN
Phone:	800-825-7227	**Country:**	
Source Type:	Annual/Biennial Report update with Notification	**Zip Code:**	55401
Owner/Operator Ind:	Current Operator	**Street No:**	5501
Type:	Private	**Street 1:**	E SLAUSON AVE
Name:	ENGINEERED POLYMER SOLUTIONS, INC.	**Street 2:**	
Date Became Current:	19940201	**City:**	COMMERCE
Date Ended Current:		**State:**	CA
Phone:	323-889-2509	**Country:**	US
Source Type:	Annual/Biennial Report update with Notification	**Zip Code:**	90040
Owner/Operator Ind:	Current Owner	**Street No:**	
Type:	Private	**Street 1:**	1400 N. STATE ST.
Name:	ENGINEERED POLYMER SOLUTIONS	**Street 2:**	
Date Became Current:	19940219	**City:**	MARENGO
Date Ended Current:		**State:**	IL
Phone:		**Country:**	US
Source Type:	Annual/Biennial Report	**Zip Code:**	60152
Owner/Operator Ind:	Current Owner	**Street No:**	
Type:	Private	**Street 1:**	1101 S. THIRD STREET
Name:	VALSPAR CORPORATION	**Street 2:**	
Date Became Current:	19940201	**City:**	MINNEAPOLIS
Date Ended Current:		**State:**	CA
Phone:		**Country:**	US
Source Type:	Annual/Biennial Report	**Zip Code:**	55415
Owner/Operator Ind:	Current Owner	**Street No:**	
Type:	Private	**Street 1:**	5501 E SLAUSON AVE
Name:	MCCLOSKEY VARNISH COMPANY OF THE	**Street 2:**	

WEST

Date Became Current:		**City:**	LOS ANGELES
Date Ended Current:		**State:**	CA
Phone:	213-726-7272	**Country:**	
Source Type:	Notification	**Zip Code:**	90040

Owner/Operator Ind:	Current Operator	**Street No:**	
Type:	Private	**Street 1:**	
Name:	ENGINEERED POLYMER SOLUTIONS INC	**Street 2:**	
Date Became Current:	19940201	**City:**	
Date Ended Current:		**State:**	
Phone:		**Country:**	
Source Type:	Notification	**Zip Code:**	

Owner/Operator Ind:	Current Owner	**Street No:**	
Type:	Private	**Street 1:**	
Name:	ENGINEERED POLYMER SOLUTIONS	**Street 2:**	
Date Became Current:	19941231	**City:**	
Date Ended Current:		**State:**	
Phone:		**Country:**	US
Source Type:	Annual/Biennial Report	**Zip Code:**	

Historical Handler Details

Receive Dt:	20180228
Generator Code Description:	Large Quantity Generator
Handler Name:	ENGINEERED POLYMER SOLUTIONS INC

Receive Dt:	20170215
Generator Code Description:	Large Quantity Generator
Handler Name:	ENGINEERED POLYMER SOLUTIONS

Receive Dt:	20160519
Generator Code Description:	Large Quantity Generator
Handler Name:	ENGINEERED POLYMER SOLUTIONS

Receive Dt:	20140301
Generator Code Description:	Large Quantity Generator
Handler Name:	ENGINEERED POLYMER SOLUTIONS

Receive Dt:	20120217
Generator Code Description:	Large Quantity Generator
Handler Name:	ENGINEERED POLYMER SOLUTIONS

Receive Dt:	20100216
Generator Code Description:	Large Quantity Generator
Handler Name:	ENGINEERED POLYMER SOLUTIONS

Receive Dt:	20080125
Generator Code Description:	Large Quantity Generator
Handler Name:	ENGINEERED POLYMER SOLUTIONS

Receive Dt:	20060227
Generator Code Description:	Large Quantity Generator
Handler Name:	ENGINEERED POLYMER SOLUTIONS

Receive Dt:	20040526
Generator Code Description:	Large Quantity Generator
Handler Name:	ENGINEERED POLYMER SOLUTIONS

Receive Dt:	20020220
Generator Code Description:	Large Quantity Generator
Handler Name:	ENGINEERED POLYMER SOLUTIONS, INC.

Receive Dt:	20001012
Generator Code Description:	Large Quantity Generator
Handler Name:	ENGINEERED POLYMER SOLUTIONS, INC.

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Receive Dt: 19990304
Generator Code Description: Large Quantity Generator
Handler Name: ENGINEERED POLYMER SOLUTIONS

Receive Dt: 19960901
Generator Code Description: Large Quantity Generator
Handler Name: MCCLOSKEY VARNISH CO OF WEST

Receive Dt: 19960122
Generator Code Description: Large Quantity Generator
Handler Name: ENGINEERED POLYMER SOLUTIONS

Receive Dt: 19940314
Generator Code Description: Large Quantity Generator
Handler Name: ENGINEERED POLYMER SOLUTIONS

Receive Dt: 19920220
Generator Code Description: Large Quantity Generator
Handler Name: MCWHORTER INC

Receive Dt: 19900409
Generator Code Description: Large Quantity Generator
Handler Name: MC WHORTER INC./MCCLOSKEY VARNISH CO OF

Receive Dt: 19800818
Generator Code Description: Large Quantity Generator
Handler Name: MCCLOSKEY VARNISH CO OF WEST

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
8	3 of 25	S	0.10 / 502.87	142.14 / 0	VALSPAR, 5501 E SLAUSEN AVE LOS ANGELES CA	HMIRS

Incident County: LOS ANGELES

HMIR Incident Reports

Report No: I-2007070033
Report Type: A hazardous material incident
Date of Incident: 2007-05-07
Time of Incident: 1330
Haz Class Code:
Hazardous Class: 3
Commodity Short Nm: RESIN SOLUTION, FLAMMABLE
Commodity Long Nm: RESIN SOLUTION, FLAMMABLE
Trade Name:
ID No: UN1866
Haz Waste Ind: No
Haz Waste EPA No:
HMIS Tox Inhalation?: No
TIH Hazard Zone:
Qty Released: 25
Unit of Measure: Liquid - Gallon
What Failed:
What Failed Desc:
How Failed Code:
How Failed Desc:
Failure Cause Code:
Failure Cause Desc:
Ident. Markings: NO MARKINGS GIVEN
Cont1 Pkging Type:
Cont1 Const Mat:
Cont1 Head Type:
Cont1 Pkg Capacity: 0
C1 Capacity UOM:
Cont1 Pkg Amt: 0
C1 Pkg Amt UOM:
Cont1 Pkg No: 0

Fed DOT Agency Nm:
Fed DOT Report No:
Report Submit Src: Paper
Inc Multiple Rows: No
Inc Non US State:
Mode Transport: Highway
Transport Phase: Loading
Incident Occrrnce:
Mat Ship Approval?: No
Mat Ship Approv No:
Undecl Hazmat Ship?: No
Packaging Type: Cargo Tank Motor Vehicle (CTMV)
Packing Group:
Carrier Reporter: QUALITY CARRIERS INC
CR Street Name: 4041 PARK OAKS BOULEVARD, SUIT
CR City: TAMPA
CR State: FL
CR Postal Code: 33610
CR Non US State:
CR Fed DOT ID: 76600
CR Hazmat Reg ID: 060904001027M
CR Country: US
Shipper Name: VALSPAR
Shipper Street Name: 5501 E SLAUSEN AVE
Shipper City: LOS ANGELES
Shipper State: CA
Shipper Postal: 90040
Shipper Non US St:
Shipper Country: US
Shipper Waybill: 10143369
Ship Hazmat Reg ID:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

C1 Pkg NO Failed:	0	**Origin City:**	
Cont1 Pkg Mnfctr:		**Origin State:**	
Cont1 Pkg Mnfct Dt:	0-00-00 00:00:00	**Origin Postal:**	
Cont1 Pkg Serial NO:		**Origin Non US St:**	
C1 Pkg Last Test Dt:	0-00-00 00:00:00	**Origin Country:**	US
C1 Test Const Mat:		**Destination City:**	PUEBLO
C1 Pkg Dsign Pres.:	0	**Destination State:**	COLORADO
C1 Dsign Press UOM:		**Destination Postal:**	81001
C1 Pkg Shell Thick:	0	**Destination Non US:**	
C1 Shell Thick UOM:		**Destination Country:**	US
C1 Head Thickness:	0	**Cont2 Package Type:**	
C1 Head Thick UOM:		**Cont2 Const Mat:**	
C1 Pkg Srvc Pres.:	0	**Cont2 Pkg Capacity:**	0
C1 Srvc Press UOM:		**Cont2 Capacity UOM:**	
C1 Valve/Device Fail?:	No	**Cont2 Pkg Amount:**	0
C1 Device Type:		**Cont2 Pkg Amt UOM:**	
C1 Device Mnfctr:		**Cont2 Pkg No:**	0
C1 Device Model:		**Cont2 Pkg No Failed:**	0
NRC No:			

RAM Pkg Category:		**Haz NonHosp Public:**	0
RAM Pkg Cert.:	FALSE	**Haz NonHosp Old:**	
RAM Pkg Cert. NBR:		**Tot Haz Non Hosp Inj:**	
RAM Nuclide S:		**Total Hazmat Injuries:**	0
RAM Transport Index:		**Evacuation Indicator:**	No
RAM UOM:		**Public Evacuated:**	0
RAM Activity Rpted:	0	**Employees Evac:**	0
RAM UOM Rpted:		**Total Evacuated:**	0
RAM Activity:	0	**Total Evacuation Hrs:**	0
RAM Activity UOM:		**Major Artery Closed:**	No
RAM Mat Safety:		**Mjr Artery Hrs Closed:**	0
Spillage Result:	Yes	**Material Involved:**	No
Fire Result:	No	**Estimated Speed:**	0
Explosion Result:	No	**Weather Conditions:**	
Water Sewer Result:	No	**Vehicle Overturn:**	No
Gas Dispersion:	No	**Vehicle Left Roadway:**	No
Environment Damage:	No	**Passenger Aircraft:**	No
No Release Result:	No	**Cargo Baggage:**	
Fire EMS Report:	No	**Ship Non Transport:**	No
Fire EMS EMS Report:		**Ship Air First Flight:**	No
Police Report:	No	**Ship Air Subflight:**	No
Police Report No:		**Ship Init Transport:**	No
In House Cleanup:	No	**Ship Phase Transfer:**	No
Other Cleanup:	No	**Contact Name:**	CAROL DODSON
Damage > 500:	No	**Contact Title:**	SR. CLAIM ADJUSTER
Material Loss:	0	**Contact Business:**	QUALITY CARRIERS INC
Carrier Damage:	0	**Contact Street:**	3802 CORPOREX PARK DR.
Property Damage:	0	**Contact City:**	TAMPA
Response Cost:	0	**Contact State:**	FL
Remediation Cost:	0	**Contact Postal:**	33619
Damage Old Form:	0	**Contact Non US St:**	
Total Damages Amt:	0	**Contact Country:**	US
Hazmat Fatality:	No	**Inc. Report Prepared:**	Carrier
Haz Fatal Employees:	0	**HMIS Serious Incidnt:**	No
Haz Fatal Respndrs:	0	**HMIS Serious Fatality:**	No
Haz Fatal Gen Public:	0	**HMIS Serious Injury:**	No
Tot Hazmat Fatalities:	0	**HMIS Flight Plan:**	No
Non Hazmat Fatality:	No	**HMIS Serious Evacs:**	No
Non Hazmat Fatals:	0	**HMIS Major Artery:**	No
Hazmat Injury:	No	**HMIS Bulk Release:**	No
Haz Hospital Empl:	0	**HMIS Marine Pollutnt:**	No
Haz Hospital Resp:	0	**HMIS Radioactive:**	No
Haz Hosp Gen Public:	0	**HMIS Gen Pkg Type:**	TANK
Haz Hosp Old Form:	0	**HMIS Container Code:**	TANK TRK
Total Haz Hosp Inj:	0	**HMIS Container Desc:**	Tank truck, tank mounted on truck chassis
Haz Non Hosp Empl:	0	**HMIS Bulk Incident:**	Yes
Haz Non Hosp Resp:	0	**Undeclared Shipment:**	No

Description of Events: Event# 18259 SPILL - LOADED - CUST LOADING TOP LOADING TANK AND TANK OVERFLOWED SPILLING 25 GALS OF HAZ # 1866 IN CONTAIN AREA ON CEMENT. CUST CLEANED UP SPILL.

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Recommend Actions Taken:						
8	4 of 25	S	0.10 / 502.87	142.14 / 0	5501 E SLAUSON AVE LOS ANGELES CA	HMIRS

Incident County: LOS ANGELES

HMIR Historical Reports

Report No:	I-1996061194	**Fed DOT Agency Nm:**	
Report Type:	A hazardous material incident	**Fed DOT Report No:**	
Date of Incident:	06/09/1996	**Report Submit Src:**	Paper
Time of Incident:	1037	**Inc Multiple Rows:**	No
Haz Class Code:	8	**Inc Non US State:**	
Hazardous Class:	CORROSIVE MATERIAL	**Mode Transport:**	Highway
Commodity Short Nm:	METHACRYLIC ACID STABIL	**Transport Phase:**	UNLOADING
Commodity Long Nm:	METHACRYLIC ACID STABILIZED	**Incident Occrrnce:**	
Trade Name:		**Mat Ship Approval?:**	No
ID No:	UN2531	**Mat Ship Approv No:**	
Haz Waste Ind:	No	**Undecl Hazmat Ship?:**	No
Haz Waste EPA No:		**Packaging Type:**	Non-Bulk
HMIS Tox Inhalation?:	No	**Packing Group:**	
TIH Hazard Zone:		**Carrier Reporter:**	YRC INC.
Qty Released:	0.007813	**CR Street Name:**	10990 ROE AVE
Unit of Measure:	Liquid - Gallon	**CR City:**	OVERLAND PARK
What Failed:		**CR State:**	KS
What Failed Desc:		**CR Postal Code:**	66211-1213
How Failed Code:		**CR Non US State:**	
How Failed Desc:		**CR Fed DOT ID:**	555940
Failure Cause Code:		**CR Hazmat Reg ID:**	
Failure Cause Desc:		**CR Country:**	US
Ident. Markings:		**Shipper Name:**	ROHM & HAAS CO
Cont1 Pkging Type:		**Shipper Street Name:**	11931 HWY 225
Cont1 Const Mat:		**Shipper City:**	LA PORTE
Cont1 Head Type:		**Shipper State:**	TX
Cont1 Pkg Capacity:	55	**Shipper Postal:**	77571
C1 Capacity UOM:	LGA	**Shipper Non US St:**	
Cont1 Pkg Amt:		**Shipper Country:**	US
C1 Pkg Amt UOM:		**Shipper Waybill:**	190243517
Cont1 Pkg No:	10	**Ship Hazmat Reg ID:**	
C1 Pkg NO Failed:	1	**Origin City:**	LA PORTE
Cont1 Pkg Mnfctr:	NOT REPORTED BY CARRIER	**Origin State:**	TEXAS
Cont1 Pkg Mnfct Dt:		**Origin Postal:**	77571
Cont1 Pkg Serial NO:		**Origin Non US St:**	
C1 Pkg Last Test Dt:		**Origin Country:**	US
C1 Test Const Mat:		**Destination City:**	LOS ANGELES
C1 Pkg Dsign Pres.:		**Destination State:**	CALIFORNIA
C1 Dsign Press UOM:		**Destination Postal:**	90040
C1 Pkg Shell Thick:		**Destination Non US:**	
C1 Shell Thick UOM:		**Destination Country:**	US
C1 Head Thickness:		**Cont2 Package Type:**	
C1 Head Thick UOM:		**Cont2 Const Mat:**	
C1 Pkg Srvc Pres.:		**Cont2 Pkg Capacity:**	
C1 Srvc Press UOM:		**Cont2 Capacity UOM:**	
C1 Valve/Device Fail?:	No	**Cont2 Pkg Amount:**	
C1 Device Type:		**Cont2 Pkg Amt UOM:**	
C1 Device Mnfctr:		**Cont2 Pkg No:**	
C1 Device Model:		**Cont2 Pkg No Failed:**	
NRC No:			

RAM Pkg Category:		**Haz NonHosp Public:**	0
RAM Pkg Cert.:	FALSE	**Haz NonHosp Old:**	0
RAM Pkg Cert. NBR:		**Tot Haz Non Hosp Inj:**	0
RAM Nuclide S:		**Total Hazmat Injuries:**	0
RAM Transport Index:		**Evacuation Indicator:**	No
RAM UOM:		**Public Evacuated:**	0

RAM Activity Rpted:		**Employees Evac:**	0
RAM UOM Rpted:		**Total Evacuated:**	0
RAM Activity:		**Total Evacuation Hrs:**	0
RAM Activity UOM:		**Major Artery Closed:**	No
RAM Mat Safety:		**Mjr Artery Hrs Closed:**	0
Spillage Result:	Yes	**Material Involved:**	No
Fire Result:	No	**Estimated Speed:**	0
Explosion Result:	No	**Weather Conditions:**	
Water Sewer Result:	No	**Vehicle Overturn:**	No
Gas Dispersion:	No	**Vehicle Left Roadway:**	No
Environment Damage:	No	**Passenger Aircraft:**	No
No Release Result:	No	**Cargo Baggage:**	
Fire EMS Report:	No	**Ship Non Transport:**	No
Fire EMS EMS Report:		**Ship Air First Flight:**	No
Police Report:	No	**Ship Air Subflight:**	No
Police Report No:		**Ship Init Transport:**	No
In House Cleanup:	No	**Ship Phase Transfer:**	No
Other Cleanup:	No	**Contact Name:**	TOM WILSON
Damage > 500:	No	**Contact Title:**	HAZMAT SPECIALIST
Material Loss:	5	**Contact Business:**	
Carrier Damage:	0	**Contact Street:**	
Property Damage:	0	**Contact City:**	
Response Cost:	0	**Contact State:**	
Remediation Cost:	125	**Contact Postal:**	
Damage Old Form:	300	**Contact Non US St:**	
Total Damages Amt:	430	**Contact Country:**	US
Hazmat Fatality:	No	**Inc. Report Prepared:**	
Haz Fatal Employees:	0	**HMIS Serious Incidnt:**	No
Haz Fatal Respndrs:	0	**HMIS Serious Fatality:**	No
Haz Fatal Gen Public:	0	**HMIS Serious Injury:**	No
Tot Hazmat Fatalities:	0	**HMIS Flight Plan:**	No
Non Hazmat Fatality:	No	**HMIS Serious Evacs:**	No
Non Hazmat Fatals:	0	**HMIS Major Artery:**	No
Hazmat Injury:	No	**HMIS Bulk Release:**	No
Haz Hospital Empl:	0	**HMIS Marine Pollutnt:**	No
Haz Hospital Resp:	0	**HMIS Radioactive:**	No
Haz Hosp Gen Public:	0	**HMIS Gen Pkg Type:**	OHMIR.Ref_Container.descr_txt
Haz Hosp Old Form:	0	**HMIS Container Code:**	DRUM PLS
Total Haz Hosp Inj:	0	**HMIS Container Desc:**	Plastic drum
Haz Non Hosp Empl:	0	**HMIS Bulk Incident:**	No
Haz Non Hosp Resp:	0	**Undeclared Shipment:**	No

Description of Events: WHILE UNLOADING THE TRAILER AT CONSIGNEE'S DOCK DISCOVERED A TRICKLE OF PRODUCT LEAKING FROM A LOOSE BUNG. THE DRUM WAS REFUSED BY THE CONSIGNEE. THE DRUM WAS RECOOPED AND RETURNED TO THE SHIPPER FOR CLAIMS CREDIT.

Recommend Actions Taken:

HMIR Historical Reports

Report No:	I-2014060439	**Fed DOT Agency Nm:**	
Report Type:	A hazardous material incident	**Fed DOT Report No:**	
Date of Incident:	05/24/2014	**Report Submit Src:**	Paper
Time of Incident:	1700	**Inc Multiple Rows:**	No
Haz Class Code:	3	**Inc Non US State:**	
Hazardous Class:	FLAMMABLE - COMBUSTIBLE LIQUID	**Mode Transport:**	Highway
Commodity Short Nm:	FLAMMABLE LIQUIDS N.O.S.	**Transport Phase:**	IN TRANSIT
Commodity Long Nm:	FLAMMABLE LIQUIDS N.O.S.	**Incident Occrrnce:**	
Trade Name:	ETHYLHEXYL ACRYLATE	**Mat Ship Approval?:**	No
ID No:	UN1993	**Mat Ship Approv No:**	
Haz Waste Ind:	No	**Undecl Hazmat Ship?:**	No
Haz Waste EPA No:		**Packaging Type:**	Cargo Tank Motor Vehicle (CTMV)
HMIS Tox Inhalation?:	No	**Packing Group:**	II
TIH Hazard Zone:		**Carrier Reporter:**	QUALITY CARRIERS INC.
Qty Released:	0.015625	**CR Street Name:**	1208 E KENNEDY BLVD
Unit of Measure:	Liquid - Gallon	**CR City:**	TAMPA
What Failed:	105	**CR State:**	FL
What Failed Desc:	Bolts or Nuts	**CR Postal Code:**	33602-3504
How Failed Code:	308	**CR Non US State:**	
How Failed Desc:	Leaked	**CR Fed DOT ID:**	76600

Failure Cause Code:	526	**CR Hazmat Reg ID:**	051012551075UV
Failure Cause Desc:	Loose Closure Component or Device	**CR Country:**	US
Ident. Markings:	DOT 307	**Shipper Name:**	UNION CARBIDE
Cont1 Pkging Type:		**Shipper Street Name:**	
Cont1 Const Mat:		**Shipper City:**	TAFT
Cont1 Head Type:		**Shipper State:**	LA
Cont1 Pkg Capacity:	6728	**Shipper Postal:**	N/A
C1 Capacity UOM:	LGA	**Shipper Non US St:**	
Cont1 Pkg Amt:	0	**Shipper Country:**	US
C1 Pkg Amt UOM:		**Shipper Waybill:**	72015159
Cont1 Pkg No:	0	**Ship Hazmat Reg ID:**	
C1 Pkg NO Failed:	0	**Origin City:**	KILLONA
Cont1 Pkg Mnfctr:	SUNSHINE	**Origin State:**	LOUISIANA
Cont1 Pkg Mnfct Dt:	3/1/1990 12:00:00 AM	**Origin Postal:**	70057
Cont1 Pkg Serial NO:	1S9T00001L112904	**Origin Non US St:**	
C1 Pkg Last Test Dt:		**Origin Country:**	US
C1 Test Const Mat:		**Destination City:**	LOS ANGELES
C1 Pkg Dsign Pres.:	25	**Destination State:**	CALIFORNIA
C1 Dsign Press UOM:	PSI	**Destination Postal:**	90040
C1 Pkg Shell Thick:	0.1340	**Destination Non US:**	
C1 Shell Thick UOM:	INCH	**Destination Country:**	US
C1 Head Thickness:	0.1340	**Cont2 Package Type:**	
C1 Head Thick UOM:	INCH	**Cont2 Const Mat:**	
C1 Pkg Srvc Pres.:		**Cont2 Pkg Capacity:**	
C1 Srvc Press UOM:		**Cont2 Capacity UOM:**	
C1 Valve/Device Fail?:	No	**Cont2 Pkg Amount:**	
C1 Device Type:		**Cont2 Pkg Amt UOM:**	
C1 Device Mnfctr:		**Cont2 Pkg No:**	
C1 Device Model:		**Cont2 Pkg No Failed:**	
NRC No:			

RAM Pkg Category:		**Haz NonHosp Public:**	0
RAM Pkg Cert.:	FALSE	**Haz NonHosp Old:**	0
RAM Pkg Cert. NBR:		**Tot Haz Non Hosp Inj:**	0
RAM Nuclide S:		**Total Hazmat Injuries:**	0
RAM Transport Index:		**Evacuation Indicator:**	No
RAM UOM:		**Public Evacuated:**	0
RAM Activity Rpted:		**Employees Evac:**	0
RAM UOM Rpted:		**Total Evacuated:**	0
RAM Activity:	0	**Total Evacuation Hrs:**	0
RAM Activity UOM:		**Major Artery Closed:**	No
RAM Mat Safety:		**Mjr Artery Hrs Closed:**	0
Spillage Result:	Yes	**Material Involved:**	No
Fire Result:	No	**Estimated Speed:**	0
Explosion Result:	No	**Weather Conditions:**	
Water Sewer Result:	No	**Vehicle Overturn:**	No
Gas Dispersion:	No	**Vehicle Left Roadway:**	No
Environment Damage:	No	**Passenger Aircraft:**	No
No Release Result:	No	**Cargo Baggage:**	
Fire EMS Report:	No	**Ship Non Transport:**	No
Fire EMS EMS Report:		**Ship Air First Flight:**	No
Police Report:	No	**Ship Air Subflight:**	No
Police Report No:		**Ship Init Transport:**	No
In House Cleanup:	Yes	**Ship Phase Transfer:**	No
Other Cleanup:	No	**Contact Name:**	PAM KOEHLER
Damage > 500:	No	**Contact Title:**	SRLAIMS AJUSTER
Material Loss:	0	**Contact Business:**	QUALITY CARRIERS INC
Carrier Damage:	0	**Contact Street:**	4041 PARK OAKS BLVD SUITE 200
Property Damage:	0	**Contact City:**	Tampa
Response Cost:	0	**Contact State:**	FL
Remediation Cost:	0	**Contact Postal:**	33610
Damage Old Form:	0	**Contact Non US St:**	
Total Damages Amt:	0	**Contact Country:**	US
Hazmat Fatality:	No	**Inc. Report Prepared:**	Carrier
Haz Fatal Employees:	0	**HMIS Serious Incidnt:**	No
Haz Fatal Respndrs:	0	**HMIS Serious Fatality:**	No
Haz Fatal Gen Public:	0	**HMIS Serious Injury:**	No
Tot Hazmat Fatalities:	0	**HMIS Flight Plan:**	No
Non Hazmat Fatality:	No	**HMIS Serious Evacs:**	No

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Non Hazmat Fatals:	0	**HMIS Major Artery:**	No
Hazmat Injury:	No	**HMIS Bulk Release:**	No
Haz Hospital Empl:	0	**HMIS Marine Pollutnt:**	No
Haz Hospital Resp:	0	**HMIS Radioactive:**	No
Haz Hosp Gen Public:	0	**HMIS Gen Pkg Type:**	OHMIR.Ref_Container.descr_txt
Haz Hosp Old Form:	0	**HMIS Container Code:**	MC307
Total Haz Hosp Inj:	0	**HMIS Container Desc:**	Cargo tanks
Haz Non Hosp Empl:	0	**HMIS Bulk Incident:**	Yes
Haz Non Hosp Resp:	0	**Undeclared Shipment:**	No

Description of Events: Carrier tank at Consignee for delivery. Tanker began to leak product from internal valve flange approx 1 drop every few minutes. Consignee put bucket under the drip to contain. Consignee was able to complete off-loading of product. Once Carrier tank empty Carrier had mechanic come out to inspect/repair. 2 loose internal valve flange bolts were discovered. Mechanic tightened the flange bolts. Event 41480

Recommend Actions Taken: NO DESCRIPTION INCLUDED.

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
8	5 of 25	S	0.10 / 502.87	142.14 / 0	ENGINEERED POLYMER SOLUTIONS 5501 E SLAUSON AVE LOS ANGELES CA 90040	DELISTED TNK

Delisted Storage Tanks

Facility ID:	3530
Permitting Agency:	LOS ANGELES, CITY OF
County:	Los Angeles
Latitude:	33.98631
Longitude:	-118.16618
Original Source:	UST
Record Date:	30-JAN-2017

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
8	6 of 25	S	0.10 / 502.87	142.14 / 0	MCCLOSKEY CORP (VALSPAR) 5501 SLAUSON AVE E COMMERCE CA 90040	CLEANUP SITES

Global ID:	T0603704615	**Latitude:**	33.9871148475809
Status:	OPEN - SITE ASSESSMENT	**Longitude:**	-118.166850507259
Status Date:	1/31/1990	**County:**	LOS ANGELES
Site Facility Type:	CLEANUP PROGRAM SITE		
Data Source:	Cleanup Program Sites from GeoTracker Search; Cleanup Sites from GeoTracker Cleanup Sites Data Download		

Cleanup Sites from GeoTracker Cleanup Sites Data Download - Facilities Detail

RB Case No:	0775	**Stop Method:**	
Local Case No:		**CUF Case:**	NO
Begin Date:	6/6/1989	**Case Worker:**	JB
File Location:	Regional Board		
Lead Agency:	LOS ANGELES RWQCB (REGION 4)		
Local Agency:			
Potential COC:	* Solvents		
Potential Media of Concern:	Soil		
How Discovered:	Site Assessment/Site Investigation, Tank Tightness Test		
How Discovered Description:			
Stop Description:			
CalWater Watershed Name:	Los Angeles River - Los Angeles (412.10)		
DWR GW Subbasin Name:	Coastal Plain Of Los Angeles - Central (4-011.04)		
Disadvantaged Community:			
CalEnviroScreen Score:	96-100% (highest scores)		
Site History:			

Case was transfered from the UST Unit to the Site Cleanup Unit of the Los Angeles Regional Water Quality Control Board. See Facility Global ID# SL204CN2376. Site Cleanup Number 775.

Cleanup Sites from GeoTracker Cleanup Sites Data Download - Regulatory Activity

Action Type: Other
Date: 1990-01-22 00:00:00
Action: Leak Reported

Action Type: Other
Date: 1989-06-06 00:00:00
Action: Leak Discovery

Cleanup Sites from GeoTracker Cleanup Sites Data Download - Status History

Status: Open - Site Assessment
Status Date: 1990-01-31 00:00:00

Status: Open - Case Begin Date
Status Date: 1989-06-06 00:00:00

Cleanup Sites from GeoTracker Cleanup Sites Data Download - Regulatory Contacts

Contact Type: Regional Board Caseworker
Contact Name: JEREMY BARELA
Phone No: 2135766734
Organization Name: LOS ANGELES RWQCB (REGION 4)
Email: jeremy.barela@waterboards.ca.gov
Address: 320 West Fourth Street, Suite 200
City: LOS ANGELES

Cleanup Program Sites from GeoTracker Search - Regulatory Profile (as of May 29, 2021)

Project Status:
Cuf Claim No:
CUF Priority Assign:
CUF Amount Paid:
Composting Method:
File Location: REGIONAL BOARD
User Defined Beneficial Use:
Designated Beneficial Use: MUN, AGR, IND, PROC
Designated Beneficl Use Desc: Municipal and Domestic Supply, Agricultural Supply, Industrial Service Supply, Industrial Process Supply
Project Oversight Agencies:
Report Link: https://geotracker.waterboards.ca.gov/profile_report?global_id=T0603704615
Cleanup Status Detail: OPEN - SITE ASSESSMENT AS OF 1/31/1990
Potential COC: SOLVENTS
Potential Media of Concern: SOIL
Groundwater Monitoring Frequen:
DWR GW Sub Basin: Coastal Plain Of Los Angeles - Central (4-011.04)
CalWater Watershed Name: Los Angeles River - Los Angeles (412.10)
Post Closure Site Management:
Future Land Use:
Cleanup Oversight Agencies: LOS ANGELES RWQCB (REGION 4) (LEAD) - CASE #: 0775
CASEWORKER: JEREMY BARELA
Cleanup History Link: https://geotracker.waterboards.ca.gov/profile_report_include?global_id=T0603704615&tabname=regulatoryhistory
Site History:

WDR Place Type:
Wdr File No:
Wdr Order No:

Case was transfered from the UST Unit to the Site Cleanup Unit of the Los Angeles Regional Water Quality Control Board.
See Facility Global ID# SL204CN2376.
Site Cleanup Number 775.

Sites from GeoTracker Search - Regulatory Activities (as of May 29, 2021)

Action Type: Leak Action
Action Date: 1/22/1990
Received Issue Date:
Action: Leak Reported

Doc Link:
Title Description Comments:

Action Type: Leak Action
Action Date: 6/6/1989
Received Issue Date:
Action: Leak Discovery
Doc Link:
Title Description Comments:

Sites from GeoTracker Search - Documents (as of May 29, 2021)

Document Type: Monitoring Reports
Document Date: 3/5/2015
Size : 4,165 KB
Title: VALSPAR GW MON LETTER RPT _03052015
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/5670004308/T0603704615.PDF
Type: MONITORING REPORT - QUARTERLY
Submitted:
Submitted By: AECOM (AUTH_RP)

Sites from GeoTracker Search - Cleanup Status History (as of May 29, 2021)

Status: Open - Site Assessment
Date: 1/31/1990

Status: Open - Case Begin Date
Date: 6/6/1989

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
8	7 of 25	S	0.10 / 502.87	142.14 / 0	EPS FACILITY (VALSPAR) 5501 E SLAUSON AVE COMMERCE CA 90040	CLEANUP SITES

Global ID: SL204CN2376
Status: OPEN - REMEDIATION
Status Date: 3/15/2018
Site Facility Type: CLEANUP PROGRAM SITE
Data Source: Cleanup Program Sites from GeoTracker Search; Cleanup Sites from GeoTracker Cleanup Sites Data Download
Latitude: 33.9871304155046
Longitude: -118.166863918304
County: LOS ANGELES

Cleanup Sites from GeoTracker Cleanup Sites Data Download - Facilities Detail

RB Case No: 0775
Local Case No:
Begin Date: 6/6/1989
File Location: Regional Board
Lead Agency: LOS ANGELES RWQCB (REGION 4)
Local Agency:
Potential COC: Toluene, Xylene
Potential Media of Concern: Soil, Soil Vapor, Under Investigation
How Discovered: Site Assessment/Site Investigation, Tank Closure
How Discovered Description:
Stop Description:
CalWater Watershed Name: Los Angeles River - Los Angeles (412.10)
DWR GW Subbasin Name: Coastal Plain Of Los Angeles - Central (4-011.04)
Disadvantaged Community:
CalEnviroScreen Score: 96-100% (highest scores)
Site History:
Stop Method: Close and Fill Tank in Place, Close and Remove Tank
CUF Case: NO
Case Worker: JB

The subject site has been operated as a resin manufacturing and varnish blending facility by McCloskey Corporation for approximately 50 years. In 1989, the company's name was changed to McWhorter, Inc and now the facility is managed under EPS. USTs have been operated at the site since approximately 1959. Sixteen of 19 USTs have been removed, while the remaining three USTs are filled with an inert material and have been closed in place. The EPS facility manufactures synthetic resins for use in the surface coating industry. The facility consists of 13 buildings (Buildings 1 through 13), two aboveground tank farms (one for raw materials and one for finished product), containment storage areas, truck loading and unloading areas, resin processing and mixing equipment, and an asphalt-paved parking lot on 3.892 acres of land. A majority of the buildings are used to

store/warehouse raw materials and/or finished product. The facility uses large quantities of raw liquid materials in the manufacturing process including mineral spirits, resins, plant-derived oils (including coconut, soybean, and linseed oils), and fatty acids. Raw materials for the manufacturing operations are received by truck transport and rail car, and are stored in aboveground storage tanks (ASTs), drums, and other containers that are stored throughout the facility. Finished goods are generally stored in ASTs or in smaller containers (drums or tote bins) in warehouses located throughout the facility and in an outdoor finished goods storage area.

Cleanup Sites from GeoTracker Cleanup Sites Data Download - Regulatory Activity

Action Type: ENFORCEMENT
Date: 2019-04-23 00:00:00
Action: Technical Correspondence / Assistance / Other

Action Type: ENFORCEMENT
Date: 2019-02-25 00:00:00
Action: Technical Correspondence / Assistance / Other

Action Type: ENFORCEMENT
Date: 2018-12-21 00:00:00
Action: Technical Correspondence / Assistance / Other

Action Type: ENFORCEMENT
Date: 2018-10-31 00:00:00
Action: 13267 Requirement

Action Type: ENFORCEMENT
Date: 2018-07-02 00:00:00
Action: Technical Correspondence / Assistance / Other

Action Type: ENFORCEMENT
Date: 2018-06-04 00:00:00
Action: Technical Correspondence / Assistance / Other

Action Type: ENFORCEMENT
Date: 2018-03-29 00:00:00
Action: Cost Recovery Agreement / N. of Reimbursement

Action Type: ENFORCEMENT
Date: 2018-01-30 00:00:00
Action: 13267 Requirement

Action Type: ENFORCEMENT
Date: 2017-11-09 00:00:00
Action: Technical Correspondence / Assistance / Other

Action Type: ENFORCEMENT
Date: 2017-10-09 00:00:00
Action: 13267 Requirement

Action Type: RESPONSE
Date: 2017-07-03 00:00:00
Action: Well Installation Report

Action Type: ENFORCEMENT
Date: 2017-03-06 00:00:00
Action: 13267 Requirement

Action Type: ENFORCEMENT
Date: 2017-02-23 00:00:00
Action: 13267 Requirement

Action Type: ENFORCEMENT
Date: 2016-11-29 00:00:00
Action: 13267 Requirement

Action Type: ENFORCEMENT
Date: 2016-10-13 00:00:00
Action: Technical Correspondence / Assistance / Other

Action Type: RESPONSE
Date: 2016-07-26 00:00:00
Action: Other Report / Document

Action Type: ENFORCEMENT
Date: 2016-07-25 00:00:00
Action: 13267 Requirement

Action Type: ENFORCEMENT
Date: 2016-03-24 00:00:00
Action: 13267 Requirement

Action Type: ENFORCEMENT
Date: 2015-12-01 00:00:00
Action: 13267 Requirement

Action Type: ENFORCEMENT
Date: 2015-10-19 00:00:00
Action: 13267 Requirement

Action Type: ENFORCEMENT
Date: 2015-09-24 00:00:00
Action: Access Agreement

Action Type: ENFORCEMENT
Date: 2015-09-17 00:00:00
Action: Technical Correspondence / Assistance / Other

Action Type: ENFORCEMENT
Date: 2015-08-02 00:00:00
Action: Notification - Public Participation Document

Action Type: ENFORCEMENT
Date: 2015-06-23 00:00:00
Action: 13267 Requirement

Action Type: RESPONSE
Date: 2015-05-15 00:00:00
Action: Site Investigation Workplan

Action Type: ENFORCEMENT
Date: 2015-02-26 00:00:00
Action: 13267 Requirement

Action Type: ENFORCEMENT
Date: 2015-02-10 00:00:00
Action: 13267 Requirement

Action Type: ENFORCEMENT
Date: 2014-08-05 00:00:00
Action: 13267 Requirement

Action Type: ENFORCEMENT
Date: 2014-04-11 00:00:00
Action: 13267 Requirement

Action Type: ENFORCEMENT
Date: 2013-11-15 00:00:00
Action: 13267 Requirement

Action Type: ENFORCEMENT
Date: 2013-05-10 00:00:00
Action: 13267 Requirement

Action Type: ENFORCEMENT
Date: 2013-01-25 00:00:00
Action: 13267 Requirement

Action Type: RESPONSE
Date: 2012-12-11 00:00:00
Action: Site Investigation Workplan

Action Type: ENFORCEMENT
Date: 2012-07-10 00:00:00
Action: 13267 Requirement

Action Type: ENFORCEMENT
Date: 2012-04-20 00:00:00
Action: 13267 Requirement

Action Type: ENFORCEMENT
Date: 2010-03-30 00:00:00
Action: 13267 Requirement

Action Type: ENFORCEMENT
Date: 2010-02-08 00:00:00
Action: 13267 Requirement

Action Type: ENFORCEMENT
Date: 2009-09-17 00:00:00
Action: 13267 Requirement

Action Type: ENFORCEMENT
Date: 2009-01-27 00:00:00
Action: 13267 Requirement

Action Type: ENFORCEMENT
Date: 2008-11-20 00:00:00
Action: 13267 Requirement

Action Type: Other
Date: 1989-06-06 00:00:00
Action: Leak Discovery

Action Type: Other
Date: 1965-01-02 00:00:00
Action: Leak Reported

Cleanup Sites from GeoTracker Cleanup Sites Data Download - Status History

Status: Open - Remediation
Status Date: 2018-03-15 00:00:00

Status: Open - Site Assessment
Status Date: 2000-09-15 00:00:00

Status: Open - Case Begin Date
Status Date: 1989-06-06 00:00:00

Cleanup Sites from GeoTracker Cleanup Sites Data Download - Regulatory Contacts

Contact Type: Regional Board Caseworker
Contact Name: JEREMY BARELA
Phone No: 2135766734
Organization Name: LOS ANGELES RWQCB (REGION 4)
Email: jeremy.barela@waterboards.ca.gov
Address: 320 West Fourth Street, Suite 200
City: LOS ANGELES

Cleanup Program Sites from GeoTracker Search - Regulatory Profile (as of May 29, 2021)

Project Status:
Cuf Claim No:
CUF Priority Assign:
CUF Amount Paid:
Facility Type:
WDR Place Type:
Wdr File No:
Wdr Order No:

Composting Method:
File Location: REGIONAL BOARD
User Defined Beneficial Use:
Designated Beneficial Use: MUN, AGR, IND, PROC
Designated Beneficl Use Desc: Municipal and Domestic Supply, Agricultural Supply, Industrial Service Supply, Industrial Process Supply
Project Oversight Agencies:
Report Link: https://geotracker.waterboards.ca.gov/profile_report?global_id=SL204CN2376
Cleanup Status Detail: OPEN - REMEDIATION AS OF 3/15/2018
Potential COC: TOLUENE, XYLENE
Potential Media of Concern: SOIL, SOIL VAPOR, UNDER INVESTIGATION
Groundwater Monitoring Frequen:
DWR GW Sub Basin: Coastal Plain Of Los Angeles - Central (4-011.04)
CalWater Watershed Name: Los Angeles River - Los Angeles (412.10)
Post Closure Site Management:
Future Land Use:
Cleanup Oversight Agencies: LOS ANGELES RWQCB (REGION 4) (LEAD) - CASE #: 0775
CASEWORKER: JEREMY BARELA
Cleanup History Link: https://geotracker.waterboards.ca.gov/profile_report_include?global_id=SL204CN2376&tabname=regulatoryhistory
Site History:

The subject site has been operated as a resin manufacturing and varnish blending facility by McCloskey Corporation for approximately 50 years. In 1989, the company's name was changed to McWhorter, Inc and now the facility is managed under EPS. USTs have been operated at the site since approximately 1959. Sixteen of 19 USTs have been removed, while the remaining three USTs are filled with an inert material and have been closed in place.
The EPS facility manufactures synthetic resins for use in the surface coating industry. The facility consists of 13 buildings (Buildings 1 through 13), two aboveground tank farms (one for raw materials and one for finished product), containment storage areas, truck loading and unloading areas, resin processing and mixing equipment, and an asphalt-paved parking lot on 3.892 acres of land. A majority of the buildings are used to store/warehouse raw materials and/or finished product.
The facility uses large quantities of raw liquid materials in the manufacturing process including mineral spirits, resins, plant-derived oils (including coconut, soybean, and linseed oils), and fatty acids. Raw materials for the manufacturing operations are received by truck transport and rail car, and are stored in aboveground storage tanks (ASTs), drums, and other containers that are stored throughout the facility. Finished goods are generally stored in ASTs or in smaller containers (drums or tote bins) in warehouses located throughout the facility and in an outdoor finished goods storage area.

Sites from GeoTracker Search - Regulatory Activities (as of May 29, 2021)

Action Type: Other Regulatory Actions
Action Date: 4/23/2019
Received Issue Date: 4/23/2019
Action: Technical Correspondence / Assistance / Other
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=SL204CN2376&enforcement_id=6400124&temptable=ENFORCEMENT
Title Description Comments:

Approval of Request for Reduced Groundwater Sampling

Action Type: Other Regulatory Actions
Action Date: 2/25/2019
Received Issue Date: 2/25/2019
Action: Technical Correspondence / Assistance / Other
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=SL204CN2376&enforcement_id=6386247&temptable=ENFORCEMENT
Title Description Comments:

Response to Sherwin Williams Request for Reduced GW Sampling for TBA

Action Type: Other Regulatory Actions
Action Date: 12/21/2018
Received Issue Date: 12/21/2018
Action: Technical Correspondence / Assistance / Other
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=SL204CN2376&enforcement_id=6379736&temptable=ENFORCEMENT
Title Description Comments:

Response to Sherwin William's Request for Clarification on Regional Board's Comments

Action Type: Enforcement/Orders
Action Date: 10/31/2018
Received Issue Date: 10/31/2018
Action: 13267 Requirement
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=SL204CN2376&enforcement_id=6374108&temptable=ENFORCEMENT
Title Description Comments:

Review of SVE/BV System Operation and Pilot Test Report

Action Type: Other Regulatory Actions
Action Date: 7/2/2018
Received Issue Date: 7/2/2018
Action: Technical Correspondence / Assistance / Other
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=SL204CN2376&enforcement_id=6363283&temptable=ENFORCEMENT
Title Description Comments:

Approval of Time Extension Request for Submittal of Well Installation Report

Action Type: Other Regulatory Actions
Action Date: 6/4/2018
Received Issue Date: 6/4/2018
Action: Technical Correspondence / Assistance / Other
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=SL204CN2376&enforcement_id=6360068&temptable=ENFORCEMENT
Title Description Comments:

Approval of Request for Time Extension, Technical Report Documenting SVE/BV Pilot Study

Action Type: Agreements
Action Date: 3/29/2018
Received Issue Date: 3/29/2018
Action: Cost Recovery Agreement / N. of Reimbursement
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=SL204CN2376&enforcement_id=6352940&temptable=ENFORCEMENT
Title Description Comments:

Site Cleanup Program Oversight Cost Reimbursement Account

Action Type: Enforcement/Orders
Action Date: 1/30/2018
Received Issue Date: 1/30/2018
Action: 13267 Requirement
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=SL204CN2376&enforcement_id=6347419&temptable=ENFORCEMENT
Title Description Comments:

Review of Qrly. Report and Approval of off-site gw monitoring wells

Action Type: Other Regulatory Actions
Action Date: 11/9/2017
Received Issue Date: 11/9/2017

Action: Technical Correspondence / Assistance / Other
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=SL204CN2376&enforcement_id=6340606&temptable=ENFORCEMENT
Title Description Comments:

Extension approval for submittal of SVE/BV pilot study report

Action Type: Enforcement/Orders
Action Date: 10/9/2017
Received Issue Date: 10/9/2017
Action: 13267 Requirement
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=SL204CN2376&enforcement_id=6338507&temptable=ENFORCEMENT
Title Description Comments:

Extension Approval

Action Type: Response Requested - Reports
Action Date: *7/3/2017
Received Issue Date: 7/3/2017
Action: Well Installation Report
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=SL204CN2376&doc_id=5914369
Title Description Comments:

Off-site groundwater assessment report

Action Type: Response Requested - Reports
Action Date: 7/3/2017
Received Issue Date: 7/3/2017
Action: Well Installation Report
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=SL204CN2376&doc_id=5929157
Title Description Comments:

Well Installation Report

Action Type: Enforcement/Orders
Action Date: 3/6/2017
Received Issue Date: 3/6/2017
Action: 13267 Requirement
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=SL204CN2376&enforcement_id=6313559&temptable=ENFORCEMENT
Title Description Comments:

Time Extension Approval

Action Type: Enforcement/Orders
Action Date: 2/23/2017
Received Issue Date: 2/23/2017
Action: 13267 Requirement
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=SL204CN2376&enforcement_id=6312484&temptable=ENFORCEMENT
Title Description Comments:

13267 Order to Neighboring Site

Action Type: Enforcement/Orders
Action Date: 11/29/2016
Received Issue Date: 11/29/2016
Action: 13267 Requirement
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=SL204CN2376&enforcement_id=6305589&temptable=ENFORCEMENT
Title Description Comments:

Time Extension Approval for submittal of Groundwater Assessment Report

Action Type: Other Regulatory Actions
Action Date: 10/13/2016
Received Issue Date: 10/13/2016
Action: Technical Correspondence / Assistance / Other
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=SL204CN2376&enforcement_id=6300822&temptable=ENFORCEMENT
Title Description Comments:

Time extension approval for the submittal of the SVE/BV pilot test report

Action Type: Response Requested - Other
Action Date: 7/26/2016
Received Issue Date: 7/14/2016
Action: Other Report / Document
Doc Link:
Title Description Comments:

Off-site groundwater assessment

Action Type: Enforcement/Orders
Action Date: 7/25/2016
Received Issue Date: 7/25/2016
Action: 13267 Requirement
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=SL204CN2376&enforcement_id=6293347&temptable=ENFORCEMENT
Title Description Comments:

Approval of off-site groundwater assessment

Action Type: Enforcement/Orders
Action Date: 3/24/2016
Received Issue Date: 3/24/2016
Action: 13267 Requirement
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=SL204CN2376&enforcement_id=6281149&temptable=ENFORCEMENT
Title Description Comments:

Time Extension Approval

Action Type: Enforcement/Orders
Action Date: 12/1/2015
Received Issue Date: 12/1/2015
Action: 13267 Requirement
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=SL204CN2376&enforcement_id=6268863&temptable=ENFORCEMENT
Title Description Comments:

Groundwater Assessment Requirement for Neighboring Property

Action Type: Enforcement/Orders
Action Date: 10/19/2015
Received Issue Date: 10/19/2015
Action: 13267 Requirement
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=SL204CN2376&enforcement_id=6264746&temptable=ENFORCEMENT
Title Description Comments:

Extension Approval to installation of downgradient monitoring wells

Action Type: Agreements
Action Date: 9/24/2015
Received Issue Date: 9/24/2015
Action: Access Agreement
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?

global_id=SL204CN2376&enforcement_id=6261792&temptable=ENFORCEMENT

Title Description Comments:

Access request to install gw monitoring well

Action Type: Other Regulatory Actions
Action Date: 9/17/2015
Received Issue Date: 9/17/2015
Action: Technical Correspondence / Assistance / Other
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=SL204CN2376&enforcement_id=6260824&temptable=ENFORCEMENT
Title Description Comments:

Approval of Interim Remedial Action Plan (SVE/VB Pilot test)

Action Type: Notices
Action Date: 8/2/2015
Received Issue Date: 8/2/2015
Action: Notification - Public Participation Document
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=SL204CN2376&enforcement_id=6250906&temptable=ENFORCEMENT
Title Description Comments:

Fact Sheet August 2015

Action Type: Enforcement/Orders
Action Date: 6/23/2015
Received Issue Date: 6/23/2015
Action: 13267 Requirement
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=SL204CN2376&enforcement_id=6249714&temptable=ENFORCEMENT
Title Description Comments:

Approval of off-site groundwater assessment work plan

Action Type: Response Requested - Workplans
Action Date: 5/15/2015
Received Issue Date: 5/13/2015
Action: Site Investigation Workplan
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=SL204CN2376&doc_id=5841455
Title Description Comments:

Off-site groundwater assessment work plan.

Action Type: Enforcement/Orders
Action Date: 2/26/2015
Received Issue Date: 2/26/2015
Action: 13267 Requirement
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=SL204CN2376&enforcement_id=6237270&temptable=ENFORCEMENT
Title Description Comments:

Time Extension Approval

Action Type: Enforcement/Orders
Action Date: 2/10/2015
Received Issue Date: 2/10/2015
Action: 13267 Requirement
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=SL204CN2376&enforcement_id=6235687&temptable=ENFORCEMENT
Title Description Comments:

Additional Requirements

Action Type: Enforcement/Orders
Action Date: 8/5/2014
Received Issue Date: 8/5/2014
Action: 13267 Requirement
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=SL204CN2376&enforcement_id=6215127&temptable=ENFORCEMENT
Title Description Comments:

Extension Approval Letter

Action Type: Enforcement/Orders
Action Date: 4/11/2014
Received Issue Date: 4/11/2014
Action: 13267 Requirement
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=SL204CN2376&enforcement_id=6199489&temptable=ENFORCEMENT
Title Description Comments:

Groundwater Assessment Work Plan Approval

Action Type: Enforcement/Orders
Action Date: 11/15/2013
Received Issue Date: 11/15/2013
Action: 13267 Requirement
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=SL204CN2376&enforcement_id=6182747&temptable=ENFORCEMENT
Title Description Comments:

Approval of Supplemental Site Assessment

Action Type: Enforcement/Orders
Action Date: 5/10/2013
Received Issue Date: 5/10/2013
Action: 13267 Requirement
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=SL204CN2376&enforcement_id=6158730&temptable=ENFORCEMENT
Title Description Comments:

Time Extension Approval

Action Type: Enforcement/Orders
Action Date: 1/25/2013
Received Issue Date: 1/25/2013
Action: 13267 Requirement
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=SL204CN2376&enforcement_id=6148030&temptable=ENFORCEMENT
Title Description Comments:

Work Plan Approval

Action Type: Response Requested - Workplans
Action Date: 12/11/2012
Received Issue Date: 12/11/2012
Action: Site Investigation Workplan
Doc Link:
Title Description Comments:

Workplan for Second-Phase Supplemental Site Assessment Revised 12-11-2012

Action Type: Response Requested - Workplans
Action Date: 12/11/2012
Received Issue Date: 12/11/2012
Action: Site Investigation Workplan
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=SL204CN2376&doc_id=5761166
Title Description Comments:

Action Type: Enforcement/Orders
Action Date: 7/10/2012
Received Issue Date: 7/10/2012
Action: 13267 Requirement
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=SL204CN2376&enforcement_id=6129554&temptable=ENFORCEMENT
Title Description Comments:

Time extension approval letter

Action Type: Enforcement/Orders
Action Date: 4/20/2012
Received Issue Date: 4/20/2012
Action: 13267 Requirement
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=SL204CN2376&enforcement_id=6119913&temptable=ENFORCEMENT
Title Description Comments:

Comments on supplemental soil assessment report

Action Type: Enforcement/Orders
Action Date: 3/30/2010
Received Issue Date: 3/30/2010
Action: 13267 Requirement
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=SL204CN2376&enforcement_id=6047060&temptable=ENFORCEMENT
Title Description Comments:

Authorization to conduct site characterization using a phased approach and time extension approval

Action Type: Enforcement/Orders
Action Date: 2/8/2010
Received Issue Date: 2/8/2010
Action: 13267 Requirement
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=SL204CN2376&enforcement_id=6046811&temptable=ENFORCEMENT
Title Description Comments:

Extension approval letter

Action Type: Enforcement/Orders
Action Date: 9/17/2009
Received Issue Date: 9/17/2009
Action: 13267 Requirement
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=SL204CN2376&enforcement_id=6031381&temptable=ENFORCEMENT
Title Description Comments:

Action Type: Enforcement/Orders
Action Date: 1/27/2009
Received Issue Date: 1/27/2009
Action: 13267 Requirement
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=SL204CN2376&enforcement_id=6337295&temptable=ENFORCEMENT
Title Description Comments:

Extension Approval

Action Type: Enforcement/Orders
Action Date: 11/20/2008
Received Issue Date: 11/20/2008
Action: 13267 Requirement
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?

global_id=SL204CN2376&enforcement_id=6337294&temptable=ENFORCEMENT

Title Description Comments:

California Water Code Section 13267 Order

Action Type: Leak Action
Action Date: 6/6/1989
Received Issue Date:
Action: Leak Discovery
Doc Link:
Title Description Comments:

Action Type: Leak Action
Action Date: 1/2/1965
Received Issue Date:
Action: Leak Reported
Doc Link:
Title Description Comments:

Sites from GeoTracker Search - Documents (as of May 29, 2021)

Document Type: Monitoring Reports ***Submitted:***
Document Date: 4/15/2021 ***Submitted By:*** AECOM (AUTH_RP)
Size : 16,654 KB
Title: 1Q 2021 GWM AND SVEBV PROGREPORT_04152021
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/1064525902/SL204CN2376.PDF
Type: MONITORING REPORT - QUARTERLY

Document Type: Monitoring Reports ***Submitted:***
Document Date: 1/15/2021 ***Submitted By:*** AECOM (AUTH_RP)
Size : 16,135 KB
Title: 4Q 2020 GWM AND SVEBV PROGREPORT_01152021
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/6884723126/SL204CN2376.PDF
Type: MONITORING REPORT - QUARTERLY

Document Type: Monitoring Reports ***Submitted:***
Document Date: 10/15/2020 ***Submitted By:*** AECOM (AUTH_RP)
Size : 14,319 KB
Title: 3Q2020 GWMANDSVEBVPROGRPT_10-15-20
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/6350323021/SL204CN2376.PDF
Type: MONITORING REPORT - QUARTERLY

Document Type: Monitoring Reports ***Submitted:***
Document Date: 7/15/2020 ***Submitted By:*** AECOM (AUTH_RP)
Size : 14,968 KB
Title: 2020 Q2 GWMANDSVEBVPROGRPT_07152020
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/1553871870/SL204CN2376.PDF
Type: MONITORING REPORT - QUARTERLY

Document Type: Monitoring Reports ***Submitted:***
Document Date: 4/15/2020 ***Submitted By:*** AECOM (AUTH_RP)
Size : 8,341 KB
Title: 2020 Q1 GWMANDSVEBVPROGRPT_04152020
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/9622762858/SL204CN2376.PDF
Type: MONITORING REPORT - QUARTERLY

Document Type: Site Documents ***Submitted:***
Document Date: 3/11/2020 ***Submitted By:*** AECOM (AUTH_RP)
Size : 4,132 KB
Title: COMMERCE_CVOC_OPINION_3_11_20
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/4731786906/SL204CN2376.PDF
Type: SITE INVESTIGATION

Document Type: Monitoring Reports ***Submitted:***
Document Date: 1/15/2020 ***Submitted By:*** AECOM (AUTH_RP)

Size : 13,913 KB
Title: 2019 Q4 GWMANDSVEBVPROGRPT 01_15
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/8211190283/SL204CN2376.PDF
Type: MONITORING REPORT - QUARTERLY

Document Type: Monitoring Reports ***Submitted:***
Document Date: 10/15/2019 ***Submitted By:*** AECOM (AUTH_RP)
Size : 25,818 KB
Title: 2019 Q3 GWMANDSVEBVPROGRPT_10-15-2019
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/9960351049/SL204CN2376.PDF
Type: MONITORING REPORT - QUARTERLY

Document Type: Monitoring Reports ***Submitted:***
Document Date: 7/15/2019 ***Submitted By:*** AECOM (AUTH_RP)
Size : 8,134 KB
Title: 2019_Q2_GWM AND SVE PROG RPT 2019_07
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/9650766193/SL204CN2376.PDF
Type: MONITORING REPORT - QUARTERLY

Document Type: Site Documents ***Submitted:***
Document Date: 4/23/2019 ***Submitted By:*** JEREMY BARELA (REGULATOR)
Size :
Title: APPROVAL OF REQUEST FOR REDUCED GROUNDWATER SAMPLING
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=SL204CN2376&enforcement_id=6400124
Type: TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER

Document Type: Monitoring Reports ***Submitted:***
Document Date: 4/15/2019 ***Submitted By:*** AECOM (AUTH_RP)
Size : 23,579 KB
Title: 2019 Q1 GWMANDSVEBVPROGRPT_2019-04
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/1001497745/SL204CN2376.PDF
Type: MONITORING REPORT - QUARTERLY

Document Type: Site Documents ***Submitted:***
Document Date: 3/11/2019 ***Submitted By:*** AECOM (AUTH_RP)
Size : 10,339 KB
Title: COMMERCE RESPONSE_TO_WATER_BOARD_3-11-19
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/1556579828/SL204CN2376.PDF
Type: CORRESPONDENCE

Document Type: Site Documents ***Submitted:***
Document Date: 2/25/2019 ***Submitted By:*** JEREMY BARELA (REGULATOR)
Size :
Title: RESPONSE TO SHERWIN WILLIAMS REQUEST FOR REDUCED GW SAMPLING FOR TBA
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=SL204CN2376&enforcement_id=6386247
Type: TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER

Document Type: Monitoring Reports ***Submitted:***
Document Date: 1/15/2019 ***Submitted By:*** AECOM (AUTH_RP)
Size : 9,548 KB
Title: GWMANDSVEBVPROGRPT_2019-01-15
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/3892464697/SL204CN2376.PDF
Type: MONITORING REPORT - QUARTERLY

Document Type: Site Documents ***Submitted:***
Document Date: 12/21/2018 ***Submitted By:*** JEREMY BARELA (REGULATOR)
Size :
Title: RESPONSE TO SHERWIN WILLIAM'S REQUEST FOR CLARIFICATION ON REGIONAL BOARD'S COMMENTS
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=SL204CN2376&enforcement_id=6379736
Type: TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER

Document Type: Site Documents ***Submitted:***
Document Date: 11/29/2018 ***Submitted By:*** AECOM (AUTH_RP)
Size : 338 KB
Title: FINAL SW LETTER TO LARWQCB 20181128
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/1086310267/SL204CN2376.PDF
Type: CORRESPONDENCE

Document Type: Site Documents ***Submitted:***

Document Date: 10/31/2018 **Submitted By:** JEREMY BARELA (REGULATOR)
Size :
Title: REVIEW OF SVE/BV SYSTEM OPERATION AND PILOT TEST REPORT
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=SL204CN2376&enforcement_id=6374108
Type: 13267 REQUIREMENT

Document Type: Monitoring Reports **Submitted:**
Document Date: 10/10/2018 **Submitted By:** AECOM (AUTH_RP)
Size : 6,156 KB
Title: GWMANDSVEBVPROGRPT_2018.10.10
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/9870785653/SL204CN2376.PDF
Type: MONITORING REPORT - QUARTERLY

Document Type: Site Documents **Submitted:**
Document Date: 8/31/2018 **Submitted By:** AECOM (AUTH_RP)
Size : 33,876 KB
Title: COMMERCE SVE PILOT TEST REPORT FNL_20180831
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/5463141083/SL204CN2376.PDF
Type: PILOT STUDY/ TREATABILITY REPORT

Document Type: Monitoring Reports **Submitted:**
Document Date: 7/11/2018 **Submitted By:** AECOM (AUTH_RP)
Size : 12,408 KB
Title: GWMANDSVE BIOVENTINGPILOTTESTPROGRPT_ 7-11-2018
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/8994735956/SL204CN2376.PDF
Type: MONITORING REPORT - QUARTERLY

Document Type: Site Documents **Submitted:**
Document Date: 7/2/2018 **Submitted By:** JEREMY BARELA (REGULATOR)
Size :
Title: APPROVAL OF TIME EXTENSION REQUEST FOR SUBMITTAL OF WELL INSTALLATION REPORT
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=SL204CN2376&enforcement_id=6363283
Type: TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER

Document Type: Site Documents **Submitted:**
Document Date: 6/25/2018 **Submitted By:** AECOM (AUTH_RP)
Size : 526 KB
Title: REQUEST FOR EXTENSION TO CONSTRUCT OFF-SITE GROUNDWATER MONITORING WELLS
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/8741501092/SL204CN2376.PDF
Type: CORRESPONDENCE

Document Type: Site Documents **Submitted:**
Document Date: 6/4/2018 **Submitted By:** JEREMY BARELA (REGULATOR)
Size :
Title: APPROVAL OF REQUEST FOR TIME EXTENSION, TECHNICAL REPORT DOCUMENTING SVE/BV PILOT STUDY
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=SL204CN2376&enforcement_id=6360068
Type: TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER

Document Type: Site Documents **Submitted:**
Document Date: 5/25/2018 **Submitted By:** AECOM (AUTH_RP)
Size : 39 KB
Title: 05-25-2018_SW LETTER TO LARWQCB_REQUEST FOR TIME EXTENSION
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/3704713821/SL204CN2376.PDF
Type: CORRESPONDENCE

Document Type: Monitoring Reports **Submitted:**
Document Date: 4/16/2018 **Submitted By:** AECOM (AUTH_RP)
Size : 10,991 KB
Title: GWMANDSVE BIOVENTINGPILOTTESTPROGRPT_4-16-2018
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/6100964486/SL204CN2376.PDF
Type: MONITORING REPORT - QUARTERLY

Document Type: Site Documents **Submitted:**
Document Date: 3/29/2018 **Submitted By:** JEREMY BARELA (REGULATOR)
Size :
Title: SITE CLEANUP PROGRAM OVERSIGHT COST REIMBURSEMENT ACCOUNT
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=SL204CN2376&enforcement_id=6352940
Type: COST RECOVERY AGREEMENT / N. OF REIMBURSEMENT

Document Type: Site Documents
Document Date: 1/30/2018
Size :
Title: REVIEW OF QRLY. REPORT AND APPROVAL OF OFF-SITE GW MONITORING WELLS
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=SL204CN2376&enforcement_id=6347419
Type: 13267 REQUIREMENT
Submitted:
Submitted By: ANGELICA CASTANEDA (REGULATOR)

Document Type: Monitoring Reports
Document Date: 1/15/2018
Size : 10,499 KB
Title: GWMANDSVE BIOVENTINGPILOTTESTPROGRPT_01152018
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/6293540656/SL204CN2376.PDF
Type: MONITORING REPORT - QUARTERLY
Submitted:
Submitted By: AECOM (AUTH_RP)

Document Type: Site Documents
Document Date: 11/9/2017
Size :
Title: EXTENSION APPROVAL FOR SUBMITTAL OF SVE/BV PILOT STUDY REPORT
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=SL204CN2376&enforcement_id=6340606
Type: TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER
Submitted:
Submitted By: ANGELICA CASTANEDA (REGULATOR)

Document Type: Monitoring Reports
Document Date: 10/30/2017*
Size : 11,941 KB
Title: GWMANDSVE BIOVENTINGPILOTTESTPROGRPT_10.30.17
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/9338891804/SL204CN2376.PDF
Type: MONITORING REPORT - QUARTERLY
Submitted:
Submitted By: AECOM (AUTH_RP)

Document Type: Site Documents
Document Date: 10/30/2017
Size : 64 KB
Title: 10-30-2017_VALSPAR LETTER TO LARWQCB_REQUEST FOR TIME EXTENSION TE...
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/2267679035/SL204CN2376.PDF
Type: CORRESPONDENCE
Submitted:
Submitted By: AECOM (AUTH_RP)

Document Type: Site Documents
Document Date: 10/9/2017
Size :
Title: EXTENSION APPROVAL
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=SL204CN2376&enforcement_id=6338507
Type: 13267 REQUIREMENT
Submitted:
Submitted By: ANGELICA CASTANEDA (REGULATOR)

Document Type: Monitoring Reports
Document Date: 7/14/2017*
Size : 8,272 KB
Title: GWMANDSVE BIOVENTINGPILOTTESTPROGRPT_07142017
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/7070990204/SL204CN2376.PDF
Type: MONITORING REPORT - QUARTERLY
Submitted:
Submitted By: AECOM (AUTH_RP)

Document Type: Site Documents
Document Date: 7/3/2017
Size : 7,050 KB
Title: GMW-13 AND -14 WELL INSTALL LETTER REPORT_07032017
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/8735353469/SL204CN2376.PDF
Type: WELL INSTALLATION REPORT
Submitted:
Submitted By: AECOM (AUTH_RP)

Document Type: Site Documents
Document Date: 5/12/2017*
Size : 121 KB
Title: PROJECT UPDATE_05122017
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/4508913040/SL204CN2376.PDF
Type: CORRESPONDENCE
Submitted:
Submitted By: AECOM (AUTH_RP)

Document Type: Monitoring Reports
Document Date: 4/14/2017*
Size : 6,573 KB
Title: GWMANDSVE BIOVENTINGPILOTTESTPROGRPT_4-14-2017
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/9153144538/SL204CN2376.PDF
Submitted:
Submitted By: AECOM (AUTH_RP)

Type: MONITORING REPORT - QUARTERLY

Document Type: Site Documents **Submitted:**
Document Date: 3/6/2017 **Submitted By:** ANGELICA CASTANEDA (REGULATOR)
Size :
Title: TIME EXTENSION APPROVAL
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=SL204CN2376&enforcement_id=6313559
Type: 13267 REQUIREMENT

Document Type: Site Documents **Submitted:**
Document Date: 2/23/2017 **Submitted By:** ANGELICA CASTANEDA (REGULATOR)
Size :
Title: 13267 ORDER TO NEIGHBORING SITE
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=SL204CN2376&enforcement_id=6312484
Type: 13267 REQUIREMENT

Document Type: Monitoring Reports **Submitted:**
Document Date: 1/13/2017* **Submitted By:** AECOM (AUTH_RP)
Size : 6,956 KB
Title: GWMANDSVE BIOVENTINGPILOTTESTPROGRPT_1-13-2017
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/3826972663/SL204CN2376.PDF
Type: MONITORING REPORT - QUARTERLY

Document Type: Site Documents **Submitted:**
Document Date: 11/29/2016 **Submitted By:** ANGELICA CASTANEDA (REGULATOR)
Size :
Title: TIME EXTENSION APPROVAL FOR SUBMITTAL OF GROUNDWATER ASSESSMENT REPORT
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=SL204CN2376&enforcement_id=6305589
Type: 13267 REQUIREMENT

Document Type: Site Documents **Submitted:**
Document Date: 11/8/2016* **Submitted By:** AECOM (AUTH_RP)
Size : 5,513 KB
Title: VALSPAR LETTER TO SAMUEL UNGER, REQUEST FOR TIME EXTENSION, TWO ADDITIONAL OFF-SITE GMWS_11082016
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/8126884162/SL204CN2376.PDF
Type: CORRESPONDENCE

Document Type: Monitoring Reports **Submitted:**
Document Date: 10/14/2016* **Submitted By:** AECOM (AUTH_RP)
Size : 5,762 KB
Title: GWMANDSVE BIOVENTINGPILOTTESTPROGRPT_10142016
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/2561014533/SL204CN2376.PDF
Type: MONITORING REPORT - QUARTERLY

Document Type: Site Documents **Submitted:**
Document Date: 10/13/2016 **Submitted By:** ANGELICA CASTANEDA (REGULATOR)
Size :
Title: TIME EXTENSION APPROVAL FOR THE SUBMITTAL OF THE SVE/BV PILOT TEST REPORT
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=SL204CN2376&enforcement_id=6300822
Type: TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER

Document Type: Site Documents **Submitted:**
Document Date: 10/6/2016* **Submitted By:** AECOM (AUTH_RP)
Size : 198 KB
Title: 10-6-2016_VALSPAR LETTER TO LARWQCB_REQUEST FOR TIME EXTENSION, TECH RPT, SVE-BV PILOT STUDY
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/1577109992/SL204CN2376.PDF
Type: CORRESPONDENCE

Document Type: Site Documents **Submitted:**
Document Date: 7/25/2016 **Submitted By:** ANGELICA CASTANEDA (REGULATOR)
Size :
Title: APPROVAL OF OFF-SITE GROUNDWATER ASSESSMENT
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=SL204CN2376&enforcement_id=6293347
Type: 13267 REQUIREMENT

Document Type: Monitoring Reports **Submitted:**
Document Date: 7/14/2016 **Submitted By:** AECOM (AUTH_RP)

Size : 5,919 KB
Title: 2Q16 GWM REPORT AND SVE/BIOVENTING PILOT TEST REPORT
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/5795065522/SL204CN2376.PDF
Type: MONITORING REPORT - QUARTERLY

Document Type: Monitoring Reports **Submitted:**
Document Date: 4/14/2016* **Submitted By:** AECOM (AUTH_RP)
Size : 3,622 KB
Title: GWMANDSVE BIOVENTINGPILOTTESTPROGRPT_04142016
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/6306342840/SL204CN2376.PDF
Type: MONITORING REPORT - QUARTERLY

Document Type: Site Documents **Submitted:**
Document Date: 3/24/2016 **Submitted By:** ANGELICA CASTANEDA (REGULATOR)
Size :
Title: TIME EXTENSION APPROVAL
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=SL204CN2376&enforcement_id=6281149
Type: 13267 REQUIREMENT

Document Type: Site Documents **Submitted:**
Document Date: 3/16/2016* **Submitted By:** AECOM (AUTH_RP)
Size : 1,063 KB
Title: 3-16-2016_VALSPAR LETTER TO LARWQCB_REQUEST FOR 2ND TIME EXTENSION RESULTS OF OFF-SITE GROUNDWATER MONITORING_
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/3192724645/SL204CN2376.PDF
Type: CORRESPONDENCE

Document Type: Monitoring Reports **Submitted:**
Document Date: 1/14/2016* **Submitted By:** AECOM (AUTH_RP)
Size : 5,023 KB
Title: FOURTH QTR GW MONITORING AND SVE BV PILOT TEST PROGRESS RPT 01_14_2016
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/9195932745/SL204CN2376.PDF
Type: MONITORING REPORT - QUARTERLY

Document Type: Site Documents **Submitted:**
Document Date: 12/1/2015 **Submitted By:** ANGELICA CASTANEDA (REGULATOR)
Size :
Title: GROUNDWATER ASSESSMENT REQUIREMENT FOR NEIGHBORING PROPERTY
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=SL204CN2376&enforcement_id=6268863
Type: 13267 REQUIREMENT

Document Type: Site Documents **Submitted:**
Document Date: 10/19/2015 **Submitted By:** ANGELICA CASTANEDA (REGULATOR)
Size :
Title: EXTENSION APPROVAL TO INSTALLATION OF DOWNGRADIENT MONITORING WELLS
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=SL204CN2376&enforcement_id=6264746
Type: 13267 REQUIREMENT

Document Type: Monitoring Reports **Submitted:**
Document Date: 10/15/2015 **Submitted By:** AECOM (AUTH_RP)
Size : 6,616 KB
Title: COMMERCE 3Q15 GW MON REPORT_10152015
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/3545615911/SL204CN2376.PDF
Type: MONITORING REPORT - QUARTERLY

Document Type: Site Documents **Submitted:**
Document Date: 9/24/2015 **Submitted By:** ANGELICA CASTANEDA (REGULATOR)
Size :
Title: ACCESS REQUEST TO INSTALL GW MONITORING WELL
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=SL204CN2376&enforcement_id=6261792
Type: ACCESS AGREEMENT

Document Type: Site Documents **Submitted:**
Document Date: 9/17/2015 **Submitted By:** ANGELICA CASTANEDA (REGULATOR)
Size :
Title: APPROVAL OF INTERIM REMEDIAL ACTION PLAN (SVE/VB PILOT TEST)
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=SL204CN2376&enforcement_id=6260824
Type: TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER

Document Type: Site Documents **Submitted:**
Document Date: 9/8/2015* **Submitted By:** AECOM (AUTH_RP)
Size : 1,380 KB
Title: 9-8-2015_VALSPAR LETTER TO LARWQCB_REQUEST FOR TIME EXTENSION RESULTS OF OFF-SITE GROUNDWATER MONITORING
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/9526758551/SL204CN2376.PDF
Type: CORRESPONDENCE

Document Type: Site Documents **Submitted:**
Document Date: 8/13/2015 **Submitted By:** AECOM (AUTH_RP)
Size : 12,994 KB
Title: IRAP 08_13_2015
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/3958976507/SL204CN2376.PDF
Type: INTERIM REMEDIAL ACTION PLAN

Document Type: Site Documents **Submitted:**
Document Date: 8/2/2015 **Submitted By:** ANGELICA CASTANEDA (REGULATOR)
Size :
Title: FACT SHEET AUGUST 2015
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=SL204CN2376&enforcement_id=6250906
Type: NOTIFICATION - PUBLIC PARTICIPATION DOCUMENT

Document Type: Monitoring Reports **Submitted:**
Document Date: 7/15/2015 **Submitted By:** AECOM (AUTH_RP)
Size : 3,936 KB
Title: VALSPAR COMMERCE 2Q15 GW MON REPORT_07_15_2015
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/8040046036/SL204CN2376.PDF
Type: MONITORING REPORT - QUARTERLY

Document Type: Site Documents **Submitted:**
Document Date: 6/23/2015 **Submitted By:** ANGELICA CASTANEDA (REGULATOR)
Size :
Title: APPROVAL OF OFF-SITE GROUNDWATER ASSESSMENT WORK PLAN
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=SL204CN2376&enforcement_id=6249714
Type: 13267 REQUIREMENT

Document Type: Site Documents **Submitted:**
Document Date: 5/21/2015* **Submitted By:** AECOM (AUTH_RP)
Size : 3,963 KB
Title: ADDENDUM TO WORKPLAN FOR OFF-SITE GROUNDWATER ASSESSMENT_05_21_2015
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/8847666144/SL204CN2376.PDF
Type: SOIL AND WATER INVESTIGATION WORKPLAN - ADDENDUM

Document Type: Site Documents **Submitted:**
Document Date: 5/15/2015* **Submitted By:** AECOM (AUTH_RP)
Size : 12,199 KB
Title: VALSPAR COMMERCE IRAP_05152015
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/7993204474/SL204CN2376.PDF
Type: INTERIM REMEDIAL ACTION PLAN

Document Type: Site Documents **Submitted:**
Document Date: 5/13/2015 **Submitted By:** AECOM (AUTH_RP)
Size : 1,709 KB
Title: WORKPLAN FOR OFF-SITE GROUNDWATER ASSESSMENT_05132015
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/6640387833/SL204CN2376.PDF
Type: SOIL AND WATER INVESTIGATION WORKPLAN

Document Type: Monitoring Reports **Submitted:**
Document Date: 4/30/2015 **Submitted By:** AECOM (AUTH_RP)
Size : 7,218 KB
Title: 1Q GW MON AND WELL CONST REPORT_4_30_2015
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/2271521031/SL204CN2376.PDF
Type: MONITORING REPORT - QUARTERLY

Document Type: Monitoring Reports **Submitted:**
Document Date: 3/5/2015 **Submitted By:** AECOM (AUTH_RP)
Size : 4,165 KB
Title: GW MON LETTER RPT 03_06_2015
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/9596946060/SL204CN2376.PDF

Type: MONITORING REPORT - QUARTERLY

Document Type: Site Documents **Submitted:**
Document Date: 2/26/2015 **Submitted By:** ANGELICA CASTANEDA (REGULATOR)
Size :
Title: TIME EXTENSION APPROVAL
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=SL204CN2376&enforcement_id=6237270
Type: 13267 REQUIREMENT

Document Type: Site Documents **Submitted:**
Document Date: 2/10/2015 **Submitted By:** ANGELICA CASTANEDA (REGULATOR)
Size :
Title: ADDITIONAL REQUIREMENTS
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=SL204CN2376&enforcement_id=6235687
Type: 13267 REQUIREMENT

Document Type: Site Documents **Submitted:**
Document Date: 10/31/2014* **Submitted By:** AECOM (AUTH_RP)
Size : 16,063 KB
Title: OCT 2014 CSM UPDATE AND SAR_FNL PART 2 OF 2
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/4592338323/SL204CN2376.PDF
Type: SITE ASSESSMENT REPORT

Document Type: Site Documents **Submitted:**
Document Date: 10/31/2014* **Submitted By:** AECOM (AUTH_RP)
Size : 23,749 KB
Title: OCT 2014 CSM UPDATE AND SAR_FNL PART 1 OF 2
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/3410890698/SL204CN2376.PDF
Type: SITE ASSESSMENT REPORT

Document Type: Site Documents **Submitted:**
Document Date: 8/5/2014 **Submitted By:** ANGELICA CASTANEDA (REGULATOR)
Size :
Title: EXTENSION APPROVAL LETTER
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=SL204CN2376&enforcement_id=6215127
Type: 13267 REQUIREMENT

Document Type: Site Documents **Submitted:**
Document Date: 4/11/2014 **Submitted By:** ANGELICA CASTANEDA (REGULATOR)
Size :
Title: GROUNDWATER ASSESSMENT WORK PLAN APPROVAL
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=SL204CN2376&enforcement_id=6199489
Type: 13267 REQUIREMENT

Document Type: Site Documents **Submitted:**
Document Date: 3/4/2014 **Submitted By:** AECOM (AUTH_RP)
Size : 21,830 KB
Title: CONCEPTUAL SITE MODEL AND SUPPLEMENTAL ASSESSMENT REPORT
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/7868318676/SL204CN2376.PDF
Type: CONCEPTUAL SITE MODEL

Document Type: Site Documents **Submitted:**
Document Date: 11/15/2013 **Submitted By:** ANGELICA CASTANEDA (REGULATOR)
Size :
Title: APPROVAL OF SUPPLEMENTAL SITE ASSESSMENT
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=SL204CN2376&enforcement_id=6182747
Type: 13267 REQUIREMENT

Document Type: Site Documents **Submitted:**
Document Date: 10/31/2013 **Submitted By:** AECOM (AUTH_RP)
Size : 19,748 KB
Title: SECOND PHASE SUPPLEMENTAL SITE ASSESSMENT
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/9580834567/SL204CN2376.PDF
Type: SITE ASSESSMENT REPORT

Document Type: Site Documents **Submitted:**
Document Date: 6/12/2013 **Submitted By:** AECOM (AUTH_RP)
Size : 19,165 KB
Title: COMMERCE SECOND PHASE SUPPLEMENTAL SITE ASSESSMENT 06-2013

Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/8453876554/SL204CN2376.PDF
Type: SITE ASSESSMENT REPORT

Document Type: Site Documents **Submitted:**
Document Date: 5/10/2013 **Submitted By:** CRIS MORRIS (REGULATOR)
Size :
Title: TIME EXTENSION APPROVAL
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=SL204CN2376&enforcement_id=6158730
Type: 13267 REQUIREMENT

Document Type: Site Documents **Submitted:**
Document Date: 4/23/2013 **Submitted By:** AECOM (AUTH_RP)
Size : 34 KB
Title: REQUEST FOR AN EXTENSION - SECOND PHASE SUPPLEMENTAL SITE ASSESSMENT REPORT
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/7779590666/SL204CN2376.PDF
Type: CORRESPONDENCE

Document Type: Site Documents **Submitted:**
Document Date: 1/25/2013 **Submitted By:** ANGELICA CASTANEDA (REGULATOR)
Size :
Title: WORK PLAN APPROVAL
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=SL204CN2376&enforcement_id=6148030
Type: 13267 REQUIREMENT

Document Type: Site Documents **Submitted:**
Document Date: 12/11/2012 **Submitted By:** ANGELICA CASTANEDA (REGULATOR)
Size :
Title: UNKNOWN
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=SL204CN2376&document_id=5761166
Type: SITE INVESTIGATION WORKPLAN

Document Type: Site Documents **Submitted:**
Document Date: 12/11/2012* **Submitted By:** AECOM (AUTH_RP)
Size : 267 KB
Title: REVISED WORKPLAN FOR SECOND-PHASE SUPPLEMENTAL SITE ASSESSMENT
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/4036315858/SL204CN2376.PDF
Type: OTHER WORKPLAN

Document Type: Site Documents **Submitted:**
Document Date: 9/12/2012 **Submitted By:** AECOM (AUTH_RP)
Size : 256 KB
Title: 20120912 WORKPLAN FOR SECOND-PHASE SUPPLEMENTAL SITE ASSESSMENT
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/3785367846/SL204CN2376.PDF
Type: OTHER REPORT / DOCUMENT

Document Type: Site Documents **Submitted:**
Document Date: 7/10/2012 **Submitted By:** ANGELICA CASTANEDA (REGULATOR)
Size :
Title: TIME EXTENSION APPROVAL LETTER
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=SL204CN2376&enforcement_id=6129554
Type: 13267 REQUIREMENT

Document Type: Site Documents **Submitted:**
Document Date: 6/29/2012* **Submitted By:** AECOM (AUTH_RP)
Size : 600 KB
Title: REQUEST FOR EXTENSION - ADDENDUM WORK PLAN AND FOCUSED FEASIBILITY STUDY PROTOCOL FOR SOIL VAPOR EXTRACTION SYSTEM
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/3732894182/SL204CN2376.PDF
Type: CORRESPONDENCE

Document Type: Site Documents **Submitted:**
Document Date: 4/20/2012 **Submitted By:** ANGELICA CASTANEDA (REGULATOR)
Size :
Title: COMMENTS ON SUPPLEMENTAL SOIL ASSESSMENT REPORT
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=SL204CN2376&enforcement_id=6119913
Type: 13267 REQUIREMENT

Document Type: Site Documents **Submitted:**
Document Date: 1/5/2012* **Submitted By:** AECOM (AUTH_RP)

Size : 8,613 KB
Title: 01.05.2012 SUPPLEMENTAL SOIL ASSESSMENT REPORT
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/7090652406/SL204CN2376.PDF
Type: SITE ASSESSMENT REPORT

Document Type: Site Documents **Submitted:**
Document Date: 8/30/2010 **Submitted By:** AECOM (AUTH_RP)
Size : 18,337 KB
Title: SOIL AND SOIL GAS ASSESSMENT REPORT
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/7619272887/SL204CN2376.PDF
Type: SITE ASSESSMENT REPORT

Document Type: Site Documents **Submitted:**
Document Date: 3/30/2010 **Submitted By:** ANGELICA CASTANEDA (REGULATOR)
Size :
Title: AUTHORIZATION TO CONDUCT SITE CHARACTERIZATION USING A PHASED APPROACH AND TIME EXTENSION APPROVAL
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=SL204CN2376&enforcement_id=6047060
Type: 13267 REQUIREMENT

Document Type: Site Documents **Submitted:**
Document Date: 3/11/2010 **Submitted By:** AECOM (AUTH_RP)
Size : 58 KB
Title: REQUEST FOR EXTENSION
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/7772370696/SL204CN2376.PDF
Type: CORRESPONDENCE

Document Type: Site Documents **Submitted:**
Document Date: 2/8/2010 **Submitted By:** ANGELICA CASTANEDA (REGULATOR)
Size :
Title: EXTENSION APPROVAL LETTER
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=SL204CN2376&enforcement_id=6046811
Type: 13267 REQUIREMENT

Document Type: Site Documents **Submitted:**
Document Date: 1/29/2010 **Submitted By:** AECOM (AUTH_RP)
Size : 40 KB
Title: REQUEST FOR EXTENSION 1-29-10
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/7362463712/SL204CN2376.PDF
Type: CORRESPONDENCE

Document Type: Site Documents **Submitted:**
Document Date: 11/25/2009 **Submitted By:** AECOM (AUTH_RP)
Size : 1,108 KB
Title: RESPONSE TO APPROVAL OF SITE CHARACTERIZATION WORKPLAN
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/8897119104/SL204CN2376.PDF
Type: CORRESPONDENCE

Document Type: Site Documents **Submitted:**
Document Date: 9/17/2009 **Submitted By:** ANGELICA CASTANEDA (REGULATOR)
Size :
Title: UNKNOWN
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=SL204CN2376&enforcement_id=6031381
Type: 13267 REQUIREMENT

Document Type: Site Documents **Submitted:**
Document Date: 2/26/2009 **Submitted By:** AECOM (AUTH_RP)
Size : 7,254 KB
Title: FINAL WORKPLAN 2-26-09
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/6187401890/SL204CN2376.PDF
Type: OTHER WORKPLAN

Document Type: Site Documents **Submitted:**
Document Date: 2/1/2009 **Submitted By:** AECOM (AUTH_RP)
Size : 9,755 KB
Title: PHASE 1 ENVIRONMENTAL SITE ASSESSMENT 2-2009
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/7663277745/SL204CN2376.PDF
Type: SITE ASSESSMENT REPORT

Document Type: Site Documents **Submitted:**
Document Date: 1/27/2009 **Submitted By:** ANGELICA CASTANEDA (REGULATOR)
Size :
Title: EXTENSION APPROVAL
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=SL204CN2376&enforcement_id=6337295
Type: 13267 REQUIREMENT

Document Type: Site Documents **Submitted:**
Document Date: 11/20/2008 **Submitted By:** ANGELICA CASTANEDA (REGULATOR)
Size :
Title: CALIFORNIA WATER CODE SECTION 13267 ORDER
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=SL204CN2376&enforcement_id=6337294
Type: 13267 REQUIREMENT

Sites from GeoTracker Search - Site Maps (as of May 29, 2021)

Title: BORE LOG (GMW-17) **Submitted By:** AECOM (AUTH_RP)
Size : 259 KB **Submitted:** 1/16/2019
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/2774359583/SL204CN2376.PDF

Title: GEO_MAP **Submitted By:** AECOM (AUTH_RP)
Size : 419 KB **Submitted:** 1/16/2019
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_map/5908291757/SL204CN2376.PDF

Title: GMW-12 BORE LOG (GMW-12) **Submitted By:** AECOM (AUTH_RP)
Size : 247 KB **Submitted:** 4/19/2018
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/7487283527/SL204CN2376.PDF

Title: GMW-3 BORE LOG (GMW-3) **Submitted By:** AECOM (AUTH_RP)
Size : 107 KB **Submitted:** 4/19/2018
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/2265114843/SL204CN2376.PDF

Title: GMW-5 BORE LOG (GMW-5) **Submitted By:** AECOM (AUTH_RP)
Size : 105 KB **Submitted:** 4/19/2018
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/2401703119/SL204CN2376.PDF

Title: GMW-6 BORE LOG (GMW-6) **Submitted By:** AECOM (AUTH_RP)
Size : 104 KB **Submitted:** 4/19/2018
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/5534508764/SL204CN2376.PDF

Title: GMW-8 BORE LOG (GMW-8) **Submitted By:** AECOM (AUTH_RP)
Size : 131 KB **Submitted:** 4/19/2018
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/8942148029/SL204CN2376.PDF

Title: GMW-10 BORE LOG (GMW-10) **Submitted By:** AECOM (AUTH_RP)
Size : 354 KB **Submitted:** 4/19/2018
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/2712424159/SL204CN2376.PDF

Title: GMW-13 BORE LOG (GMW-13) **Submitted By:** AECOM (AUTH_RP)
Size : 438 KB **Submitted:** 4/19/2018
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/2091897785/SL204CN2376.PDF

Title: GMW-11 BORE LOG (GMW-11) **Submitted By:** AECOM (AUTH_RP)
Size : 293 KB **Submitted:** 4/19/2018
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/2606146454/SL204CN2376.PDF

Title: GMW-1 BORE LOG (GMW-1) **Submitted By:** AECOM (AUTH_RP)
Size : 215 KB **Submitted:** 4/19/2018
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/1964593708/SL204CN2376.PDF

Title: GMW-14 BORE LOG (GMW-14) **Submitted By:** AECOM (AUTH_RP)
Size : 356 KB **Submitted:** 4/19/2018
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/3085904061/SL204CN2376.PDF

Title: GEO_MAP **Submitted By:** AECOM (AUTH_RP)
Size : 380 KB **Submitted:** 4/19/2018
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_map/7192044198/SL204CN2376.PDF

Title: GMW-7 BORE LOG (GMW-7) **Submitted By:** AECOM (AUTH_RP)
Size : 122 KB **Submitted:** 4/19/2018
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/8636728107/SL204CN2376.PDF

Title: GMW-9 BORE LOG (GMW-9) **Submitted By:** AECOM (AUTH_RP)
Size : 560 KB **Submitted:** 4/19/2018
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/7905716180/SL204CN2376.PDF

Title: GMW-2 BORE LOG (GMW-2) **Submitted By:** AECOM (AUTH_RP)
Size : 105 KB **Submitted:** 4/19/2018
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/4803341805/SL204CN2376.PDF

Title: GMW-4 BORE LOG (GMW-4) **Submitted By:** AECOM (AUTH_RP)
Size : 109 KB **Submitted:** 4/19/2018
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/1171930134/SL204CN2376.PDF

Title: SG-11 BORE LOG (SG-11) **Submitted By:** AECOM (AUTH_RP)
Size : 92 KB **Submitted:** 8/31/2010
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/4968271911/SL204CN2376.PDF

Title: SG-13 BORE LOG (SG-13) **Submitted By:** AECOM (AUTH_RP)
Size : 90 KB **Submitted:** 8/31/2010
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/9768194913/SL204CN2376.PDF

Title: SG-19 BORE LOG (SG-19) **Submitted By:** AECOM (AUTH_RP)
Size : 90 KB **Submitted:** 8/31/2010
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/7193803191/SL204CN2376.PDF

Title: SG-17 BORE LOG (SG-17) **Submitted By:** AECOM (AUTH_RP)
Size : 92 KB **Submitted:** 8/31/2010
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/3430939674/SL204CN2376.PDF

Title: SG-24 BORE LOG (SG-24) **Submitted By:** AECOM (AUTH_RP)
Size : 93 KB **Submitted:** 8/31/2010
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/7842545866/SL204CN2376.PDF

Title: SG-29 BORE LOG (SG-29) **Submitted By:** AECOM (AUTH_RP)
Size : 93 KB **Submitted:** 8/31/2010
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/9122315764/SL204CN2376.PDF

Title: SB-8/SG-10 BORE LOG (SB-8/SG-10) **Submitted By:** AECOM (AUTH_RP)
Size : 107 KB **Submitted:** 8/31/2010
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/1547753751/SL204CN2376.PDF

Title: SG-23 BORE LOG (SG-23) **Submitted By:** AECOM (AUTH_RP)
Size : 93 KB **Submitted:** 8/31/2010
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/4513413786/SL204CN2376.PDF

Title: SG-25 BORE LOG (SG-25) **Submitted By:** AECOM (AUTH_RP)
Size : 92 KB **Submitted:** 8/31/2010
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/6997033655/SL204CN2376.PDF

Title: SG-26 BORE LOG (SG-26) **Submitted By:** AECOM (AUTH_RP)
Size : 89 KB **Submitted:** 8/31/2010
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/4235962867/SL204CN2376.PDF

Title: SG-30 BORE LOG (SG-30) **Submitted By:** AECOM (AUTH_RP)
Size : 91 KB **Submitted:** 8/31/2010
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/4891160011/SL204CN2376.PDF

Title: SG-5 BORE LOG (SG-5) **Submitted By:** AECOM (AUTH_RP)
Size : 88 KB **Submitted:** 8/31/2010
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/8620675623/SL204CN2376.PDF

Title: SG-1 BORE LOG (SG-1) **Submitted By:** AECOM (AUTH_RP)
Size : 92 KB **Submitted:** 8/31/2010
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/9679356396/SL204CN2376.PDF

Title: SG-18 BORE LOG (SG-18) **Submitted By:** AECOM (AUTH_RP)

Size : 91 KB **Submitted:** 8/31/2010
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/6712648689/SL204CN2376.PDF

Title: SG-14 BORE LOG (SG-14) **Submitted By:** AECOM (AUTH_RP)
Size : 90 KB **Submitted:** 8/31/2010
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/9394730567/SL204CN2376.PDF

Title: SG-16 BORE LOG (SG-16) **Submitted By:** AECOM (AUTH_RP)
Size : 90 KB **Submitted:** 8/31/2010
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/4466467618/SL204CN2376.PDF

Title: SG-22 BORE LOG (SG-22) **Submitted By:** AECOM (AUTH_RP)
Size : 93 KB **Submitted:** 8/31/2010
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/5755853235/SL204CN2376.PDF

Title: SG-2 BORE LOG (SG-2) **Submitted By:** AECOM (AUTH_RP)
Size : 91 KB **Submitted:** 8/31/2010
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/8363297820/SL204CN2376.PDF

Title: SG-3 BORE LOG (SG-3) **Submitted By:** AECOM (AUTH_RP)
Size : 91 KB **Submitted:** 8/31/2010
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/5062753260/SL204CN2376.PDF

Title: SG-9 BORE LOG (SG-9) **Submitted By:** AECOM (AUTH_RP)
Size : 92 KB **Submitted:** 8/31/2010
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/6547669768/SL204CN2376.PDF

Title: SB-6 BORE LOG (SB-6) **Submitted By:** AECOM (AUTH_RP)
Size : 215 KB **Submitted:** 8/31/2010
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/5305077970/SL204CN2376.PDF

Title: SG-28 BORE LOG (SG-28) **Submitted By:** AECOM (AUTH_RP)
Size : 93 KB **Submitted:** 8/31/2010
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/7542710304/SL204CN2376.PDF

Title: SG-12 BORE LOG (SG-12) **Submitted By:** AECOM (AUTH_RP)
Size : 93 KB **Submitted:** 8/31/2010
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/3085565030/SL204CN2376.PDF

Title: SG-31 BORE LOG (SG-31) **Submitted By:** AECOM (AUTH_RP)
Size : 91 KB **Submitted:** 8/31/2010
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/5265726745/SL204CN2376.PDF

Title: SG-6 BORE LOG (SG-6) **Submitted By:** AECOM (AUTH_RP)
Size : 88 KB **Submitted:** 8/31/2010
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/1565873146/SL204CN2376.PDF

Title: SG-7 BORE LOG (SG-7) **Submitted By:** AECOM (AUTH_RP)
Size : 92 KB **Submitted:** 8/31/2010
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/7469109952/SL204CN2376.PDF

Title: SB-4 BORE LOG (SB-4) **Submitted By:** AECOM (AUTH_RP)
Size : 246 KB **Submitted:** 8/31/2010
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/3685477018/SL204CN2376.PDF

Title: SG-21 BORE LOG (SG-21) **Submitted By:** AECOM (AUTH_RP)
Size : 92 KB **Submitted:** 8/31/2010
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/7878076016/SL204CN2376.PDF

Title: SG-4 BORE LOG (SG-4) **Submitted By:** AECOM (AUTH_RP)
Size : 91 KB **Submitted:** 8/31/2010
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/1307831764/SL204CN2376.PDF

Title: SB-5 BORE LOG (SB-5) **Submitted By:** AECOM (AUTH_RP)
Size : 91 KB **Submitted:** 8/31/2010
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/3430810391/SL204CN2376.PDF

Title: SG-15 BORE LOG (SG-15) **Submitted By:** AECOM (AUTH_RP)
Size : 89 KB **Submitted:** 8/31/2010

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/8253243565/SL204CN2376.PDF

Title: SB-7 BORE LOG (SB-7) **Submitted By:** AECOM (AUTH_RP)
Size : 134 KB **Submitted:** 8/31/2010
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/3931982755/SL204CN2376.PDF

Title: SB-9 BORE LOG (SB-9) **Submitted By:** AECOM (AUTH_RP)
Size : 179 KB **Submitted:** 8/31/2010
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/6901566863/SL204CN2376.PDF

Title: SG-20 BORE LOG (SG-20) **Submitted By:** AECOM (AUTH_RP)
Size : 91 KB **Submitted:** 8/31/2010
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/8799478113/SL204CN2376.PDF

Title: SG-32 BORE LOG (SG-32) **Submitted By:** AECOM (AUTH_RP)
Size : 93 KB **Submitted:** 8/31/2010
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/9643617033/SL204CN2376.PDF

Sites from GeoTracker Search - Cleanup Status History (as of May 29, 2021)

Status: Open - Remediation
Date: 3/15/2018

Status: Open - Site Assessment
Date: 9/15/2000

Status: Open - Case Begin Date
Date: 6/6/1989

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
8	8 of 25	S	0.10 / 502.87	142.14 / 0	ENGINEERED POLYMER SOLUTIONS, INC. 5501 E. SLAUSON AVENUE COMMERCE CA 90040	ENVIROSTOR

Estor/EPA ID: 71002138
Site Code:
Nat Priority List: NO
APN: NONE SPECIFIED
Census Tract: 6037532304
Site Type: TIERED PERMIT
Address Description: 5501 E. SLAUSON AVENUE
Office: CLEANUP CHATSWORTH
Special Program:
Funding:
Cleanup Status: REFER: OTHER AGENCY AS OF
Cleanup Oversight Agencies: NONE SPECIFIED
School District:
Past Use that Caused Contam: NONE SPECIFIED
Potential Media Affected: NONE SPECIFIED
Potential Contamin of Concern:

NONE SPECIFIED

Assembly District: 58
Senate District: 32
Permit Renewal Lead:
Public Partici Spclst:
Project Manager:
County: LOS ANGELES
Latitude: 33.987001
Longitude: -118.166533
Acres: NONE SPECIFIED
Supervisor:

Site History:

Status: REFER: OTHER AGENCY
Program Type: TIERED PERMIT
CalEnviroScreen Score: 96-100%
Summary Link: https://www.envirostor.dtsc.ca.gov/public/profile_report?global_id=71002138

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
8	9 of 25	S	0.10 / 502.87	142.14 / 0	5501 E SLAUSON AVE COMMERCE CA 900402920	HMS LA

Site No: 002643

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Area: 3V

Detail Info

Permit No: 000002933
Permit Cat Desc: Industrial Waste Permit
Status Code: CLOS
Status Desc: Permit Closed
Permit Status Desc: Permit Closed
Permit Type: 00
Permit Type Desc: Open Industrial Waste Permit Record (historic)
Permit Status Code: CLOS
Permit Category: I
File No: I02729
File Name: SEE FILE I03530 (DEST)

Detail Info

Permit No: 00002904T
Permit Cat Desc: Underground Storage Tank
Status Code: CLOS
Status Desc: Permit Closed
Permit Status Desc: Permit Closed
Permit Type: 0
Permit Type Desc: Underground Storage Tank Operating Permit
Permit Status Code: CLOS
Permit Category: T
File No: 003530
File Name: ENGINEERED POLYMER SOLUTIONS

Detail Info

Permit No: 00000561J
Permit Cat Desc: Industrial Waste Permit
Status Code: PERM
Status Desc: Equipment Permitted
Permit Status Desc: Permit Closed
Permit Type: 01
Permit Type Desc: Operating Industrial Waste Permit - Local Sewer
Permit Status Code: CLOS
Permit Category: I
File No: I03530
File Name: ENGINEERED POLYMER SOLUTIONS

Detail Info

Permit No: CGI000411
Permit Cat Desc: Stormwater Permit
Status Code: CLOS
Status Desc: Permit Closed
Permit Status Desc: Permit Closed
Permit Type: S6
Permit Type Desc: Stormwater Certificate GIASP
Permit Status Code: CLOS
Permit Category: S
File No: 047403
File Name: ENGINEERED POLYMER SOLUTIONS

Detail Info

Permit No: 000015612
Permit Cat Desc: Industrial Waste Permit
Status Code: PERM
Status Desc: Equipment Permitted
Permit Status Desc: Equipment Permitted
Permit Type: 01
Permit Type Desc: Operating Industrial Waste Permit - Local Sewer
Permit Status Code: PERM
Permit Category: I
File No: I03530
File Name: ENGINEERED POLYMER SOLUTIONS

8	10 of 25	S	0.10 / 502.87	142.14 / 0	MCCLOSKEY VARNISH CO WEST 5501 E. SLAUSON AVE CITY OF COMMERCE CA 90040	HHSS

County: Los Angeles
Tank Details Microfiche: http://geotracker.waterboards.ca.gov/ustpdfs/pdf/00027af8.pdf

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
8	11 of 25	S	0.10 / 502.87	142.14 / 0	5501 E SLAUSON LOS ANGELES CA	HMIRS

Incident County: LOS ANGELES

HMIR Historical Reports

Report No:	I-2015080376	**Fed DOT Agency Nm:**	
Report Type:	A hazardous material incident	**Fed DOT Report No:**	
Date of Incident:	07/22/2015	**Report Submit Src:**	Paper
Time of Incident:	1015	**Inc Multiple Rows:**	No
Haz Class Code:	3	**Inc Non US State:**	
Hazardous Class:	FLAMMABLE - COMBUSTIBLE LIQUID	**Mode Transport:**	Highway
Commodity Short Nm:	BUTYL ACRYLATES STABILI	**Transport Phase:**	UNLOADING
Commodity Long Nm:	BUTYL ACRYLATES STABILIZED	**Incident Occrrnce:**	
Trade Name:		**Mat Ship Approval?:**	No
ID No:	UN2348	**Mat Ship Approv No:**	
Haz Waste Ind:	No	**Undecl Hazmat Ship?:**	No
Haz Waste EPA No:		**Packaging Type:**	Cargo Tank Motor Vehicle (CTMV)
HMIS Tox Inhalation?:	No	**Packing Group:**	III
TIH Hazard Zone:		**Carrier Reporter:**	QUALITY CARRIERS INC.
Qty Released:	0.0625	**CR Street Name:**	1208 E KENNEDY BLVD
Unit of Measure:	Liquid - Gallon	**CR City:**	TAMPA
What Failed:	121	**CR State:**	FL
What Failed Desc:	Gasket	**CR Postal Code:**	33602-3504
How Failed Code:	306	**CR Non US State:**	
How Failed Desc:	Failed to Operate	**CR Fed DOT ID:**	76600
Failure Cause Code:	510	**CR Hazmat Reg ID:**	050814550050WX
Failure Cause Desc:	Deterioration or Aging	**CR Country:**	US
Ident. Markings:	MC 307	**Shipper Name:**	ROHM AND HAAS TEXAS INCORPORATED
Cont1 Pkging Type:		**Shipper Street Name:**	1900 TIDAL RD
Cont1 Const Mat:		**Shipper City:**	DEER PARK
Cont1 Head Type:		**Shipper State:**	TX
Cont1 Pkg Capacity:	6505	**Shipper Postal:**	77536-2416
C1 Capacity UOM:	LGA	**Shipper Non US St:**	
Cont1 Pkg Amt:	5472.3750	**Shipper Country:**	US
C1 Pkg Amt UOM:	LGA	**Shipper Waybill:**	0025627949
Cont1 Pkg No:	1	**Ship Hazmat Reg ID:**	
C1 Pkg NO Failed:	1	**Origin City:**	DEER PARK
Cont1 Pkg Mnfctr:	BULK EQUIPMENT MFG INC	**Origin State:**	TEXAS
Cont1 Pkg Mnfct Dt:	7/1/1995 12:00:00 AM	**Origin Postal:**	77536
Cont1 Pkg Serial NO:	1B9TS61B2S129534	**Origin Non US St:**	
C1 Pkg Last Test Dt:	6/1/2015 12:00:00 AM	**Origin Country:**	US
C1 Test Const Mat:		**Destination City:**	LOS ANGELES
C1 Pkg Dsign Pres.:	25	**Destination State:**	CALIFORNIA
C1 Dsign Press UOM:	PSI	**Destination Postal:**	90040
C1 Pkg Shell Thick:	0.1350	**Destination Non US:**	
C1 Shell Thick UOM:	INCH	**Destination Country:**	US
C1 Head Thickness:	0.1350	**Cont2 Package Type:**	
C1 Head Thick UOM:	INCH	**Cont2 Const Mat:**	
C1 Pkg Srvc Pres.:		**Cont2 Pkg Capacity:**	
C1 Srvc Press UOM:		**Cont2 Capacity UOM:**	
C1 Valve/Device Fail?:	No	**Cont2 Pkg Amount:**	
C1 Device Type:		**Cont2 Pkg Amt UOM:**	
C1 Device Mnfctr:		**Cont2 Pkg No:**	
C1 Device Model:		**Cont2 Pkg No Failed:**	
NRC No:			

RAM Pkg Category:		**Haz NonHosp Public:**	0
RAM Pkg Cert.:	FALSE	**Haz NonHosp Old:**	0
RAM Pkg Cert. NBR:		**Tot Haz Non Hosp Inj:**	1
RAM Nuclide S:		**Total Hazmat Injuries:**	1
RAM Transport Index:		**Evacuation Indicator:**	No
RAM UOM:		**Public Evacuated:**	0
RAM Activity Rpted:		**Employees Evac:**	0
RAM UOM Rpted:		**Total Evacuated:**	0
RAM Activity:	0	**Total Evacuation Hrs:**	0

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

RAM Activity UOM:		**Major Artery Closed:**	No
RAM Mat Safety:		**Mjr Artery Hrs Closed:**	0
Spillage Result:	Yes	**Material Involved:**	No
Fire Result:	No	**Estimated Speed:**	0
Explosion Result:	No	**Weather Conditions:**	
Water Sewer Result:	No	**Vehicle Overturn:**	No
Gas Dispersion:	No	**Vehicle Left Roadway:**	No
Environment Damage:	No	**Passenger Aircraft:**	No
No Release Result:	No	**Cargo Baggage:**	
Fire EMS Report:	No	**Ship Non Transport:**	No
Fire EMS EMS Report:		**Ship Air First Flight:**	No
Police Report:	No	**Ship Air Subflight:**	No
Police Report No:		**Ship Init Transport:**	No
In House Cleanup:	Yes	**Ship Phase Transfer:**	No
Other Cleanup:	No	**Contact Name:**	ANGELA METZER
Damage > 500:	No	**Contact Title:**	CALL CENTER CLAIMS SPECIALIST
Material Loss:	0	**Contact Business:**	Quality Carriers Inc.
Carrier Damage:	0	**Contact Street:**	4041 Park Oaks BLVD. STE 200
Property Damage:	0	**Contact City:**	Tampa
Response Cost:	0	**Contact State:**	FL
Remediation Cost:	0	**Contact Postal:**	33610
Damage Old Form:	0	**Contact Non US St:**	
Total Damages Amt:	0	**Contact Country:**	US
Hazmat Fatality:	No	**Inc. Report Prepared:**	Carrier
Haz Fatal Employees:	0	**HMIS Serious Incidnt:**	No
Haz Fatal Respndrs:	0	**HMIS Serious Fatality:**	No
Haz Fatal Gen Public:	0	**HMIS Serious Injury:**	No
Tot Hazmat Fatalities:	0	**HMIS Flight Plan:**	No
Non Hazmat Fatality:	No	**HMIS Serious Evacs:**	No
Non Hazmat Fatals:	0	**HMIS Major Artery:**	No
Hazmat Injury:	Yes	**HMIS Bulk Release:**	No
Haz Hospital Empl:	0	**HMIS Marine Pollutnt:**	No
Haz Hospital Resp:	0	**HMIS Radioactive:**	No
Haz Hosp Gen Public:	0	**HMIS Gen Pkg Type:**	OHMIR.Ref_Container.descr_txt
Haz Hosp Old Form:	0	**HMIS Container Code:**	MC307
Total Haz Hosp Inj:	0	**HMIS Container Desc:**	Cargo tanks
Haz Non Hosp Empl:	1	**HMIS Bulk Incident:**	Yes
Haz Non Hosp Resp:	0	**Undeclared Shipment:**	No

Description of Events: CARRIER AT CONSIGNEE LOCATION TO OFFLOAD. CONSIGNEE OPENED THE EXTERNAL VALVE ON CARRIER'S TRAILER TO OBTAIN A SAMPLE 1 CUP OF PRODUCT SPILLED OUT SPLASHING THE CONSIGNEE EMPLOYEE'S ARM AND IMPACTING THE BELOW ASPHALT GROUND. CONSIGNEE EMPLOYEE RECEIVED ON SITE FIRST AID. PRODUCT THAT IMPACTED THE GROUND WAS CLEANED BY CONSIGNEE. OFFLOADING WAS POSTPONED. CARRIER MECHANIC INSPECTED THE TRAILER VALVES AND FOUND THE HEAD GASKET ON THE INTERNAL VALVE TO BE FAULTY. THE GASKET WAS REPLACED. PRODUCT WAS DELIVERED TO THE CUSTOMER WITH NO FURTHER ISSUES. EVENT # 47196

Recommend Actions Taken: NO COMMENTS PROVIDED

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
8	12 of 25	S	0.10 / 502.87	142.14 / 0	MC CLOSKEY VARNISH CO 5501 E SLAUSON AVE COMMERCE CA 90040	EMISSIONS

1987 Criteria Data

Facility ID:	20720	**CERR Code:**	
Facility SIC Code:	2821	**TOGT:**	6.7
CO:	19	**ROGT:**	5.75586
Air Basin:	SC	**COT:**	
District:	SC	**NOXT:**	13.7
COID:	LA	**SOXT:**	
DISN:	SOUTH COAST AQMD	**PMT:**	0
CHAPIS:		**PM10T:**	0

1987 Toxic Data

Facility ID:	20720	**COID:**	LA

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Facility SIC Code:	2821	**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:			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
8	13 of 25	S	0.10 / 502.87	142.14 / 0	ENGINEERED POLYMER SOLUTIONS I 5501 E SLAUSON AVE COMMERCE CA 90040	EMISSIONS

1996 Criteria Data

Facility ID:	74060	**CERR Code:**	
Facility SIC Code:	2821	**TOGT:**	10.9
CO:	19	**ROGT:**	10.31563
Air Basin:	SC	**COT:**	1.447
District:	SC	**NOXT:**	5.631
COID:	LA	**SOXT:**	.013
DISN:	SOUTH COAST AQMD	**PMT:**	.317
CHAPIS:		**PM10T:**	.3053

1996 Toxic Data

Facility ID:	74060	**COID:**	LA
Facility SIC Code:	2821	**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:			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
8	14 of 25	S	0.10 / 502.87	142.14 / 0	ENGINEERED POLYMER SOLUTIONS I 5501 E SLAUSON AV COMMERCE CA 90040	EMISSIONS

1993 Criteria Data

Facility ID:	74060	**CERR Code:**	
Facility SIC Code:	2821	**TOGT:**	6.6
CO:	19	**ROGT:**	6.23734
Air Basin:	SC	**COT:**	.9
District:	SC	**NOXT:**	3.5
COID:	LA	**SOXT:**	0
DISN:	SOUTH COAST AQMD	**PMT:**	.2
CHAPIS:		**PM10T:**	.2

1993 Toxic Data

Facility ID:	74060	**COID:**	LA
Facility SIC Code:	2821	**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:

1995 Criteria Data

Facility ID:	74060	***CERR Code:***	
Facility SIC Code:	2821	***TOGT:***	6.6
CO:	19	***ROGT:***	6.23734
Air Basin:	SC	***COT:***	.9
District:	SC	***NOXT:***	3.5
COID:	LA	***SOXT:***	0
DISN:	SOUTH COAST AQMD	***PMT:***	.2
CHAPIS:		***PM10T:***	.2

1995 Toxic Data

Facility ID:	74060	***COID:***	LA
Facility SIC Code:	2821	***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:			

1997 Criteria Data

Facility ID:	74060	***CERR Code:***	
Facility SIC Code:	2821	***TOGT:***	3.2603485
CO:	19	***ROGT:***	2.3242161
Air Basin:	SC	***COT:***	.912
District:	SC	***NOXT:***	3.386
COID:	LA	***SOXT:***	.022
DISN:	SOUTH COAST AQMD	***PMT:***	.195
CHAPIS:		***PM10T:***	.195

1997 Toxic Data

Facility ID:	74060	***COID:***	LA
Facility SIC Code:	2821	***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:			

1998 Criteria Data

Facility ID:	74060	***CERR Code:***	
Facility SIC Code:	2821	***TOGT:***	2.6103485
CO:	19	***ROGT:***	2.0133455
Air Basin:	SC	***COT:***	.912
District:	SC	***NOXT:***	3.386
COID:	LA	***SOXT:***	.022
DISN:	SOUTH COAST AQMD	***PMT:***	.195
CHAPIS:		***PM10T:***	.195

1998 Toxic Data

Facility ID:	74060	**COID:**	LA
Facility SIC Code:	2821	**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:			

1999 Criteria Data

Facility ID:	74060	**CERR Code:**	
Facility SIC Code:	2821	**TOGT:**	3.2603485
CO:	19	**ROGT:**	2.3242161
Air Basin:	SC	**COT:**	.912
District:	SC	**NOXT:**	3.386
COID:	LA	**SOXT:**	.022
DISN:	SOUTH COAST AQMD	**PMT:**	.195
CHAPIS:		**PM10T:**	.195

1999 Toxic Data

Facility ID:	74060	**COID:**	LA
Facility SIC Code:	2821	**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:			

2000 Criteria Data

Facility ID:	74060	**CERR Code:**	
Facility SIC Code:	2821	**TOGT:**	3.2603485
CO:	19	**ROGT:**	2.32
Air Basin:	SC	**COT:**	.912
District:	SC	**NOXT:**	3.386
COID:	LA	**SOXT:**	.022
DISN:	SOUTH COAST AQMD	**PMT:**	.195
CHAPIS:		**PM10T:**	.2

2000 Toxic Data

Facility ID:	74060	**COID:**	LA
Facility SIC Code:	2821	**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:			

2001 Criteria Data

Facility ID:	74060	**CERR Code:**	
Facility SIC Code:	2821	**TOGT:**	3.25
CO:	19	**ROGT:**	2.31
Air Basin:	SC	**COT:**	.92

District:	SC	**NOXT:**	3.39
COID:	LA	**SOXT:**	.02
DISN:	SOUTH COAST AQMD	**PMT:**	.2
CHAPIS:		**PM10T:**	.2

2001 Toxic Data

Facility ID:	74060	**COID:**	LA
Facility SIC Code:	2821	**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:			

2002 Criteria Data

Facility ID:	74060	**CERR Code:**	
Facility SIC Code:	2821	**TOGT:**	6.316289
CO:	19	**ROGT:**	6.010587
Air Basin:	SC	**COT:**	2.74
District:	SC	**NOXT:**	3.26
COID:	LA	**SOXT:**	.0196
DISN:	SOUTH COAST AQMD	**PMT:**	1.288
CHAPIS:		**PM10T:**	1.184

2002 Toxic Data

Facility ID:	74060	**COID:**	LA
Facility SIC Code:	2821	**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:			

2003 Criteria Data

Facility ID:	74060	**CERR Code:**	
Facility SIC Code:	2821	**TOGT:**	6.306289
CO:	19	**ROGT:**	5.99
Air Basin:	SC	**COT:**	2.74
District:	SC	**NOXT:**	3.26
COID:	LA	**SOXT:**	.0196
DISN:	SOUTH COAST AQMD	**PMT:**	1.288
CHAPIS:		**PM10T:**	1.19

2003 Toxic Data

Facility ID:	74060	**COID:**	LA
Facility SIC Code:	2821	**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:			

2004 Criteria Data

Facility ID:	74060	***CERR Code:***	
Facility SIC Code:	2821	***TOGT:***	9.94991
CO:	19	***ROGT:***	7.520814879
Air Basin:	SC	***COT:***	2.35
District:	SC	***NOXT:***	2.8
COID:	LA	***SOXT:***	.0168
DISN:	SOUTH COAST AQMD	***PMT:***	.994
CHAPIS:		***PM10T:***	.9159

2004 Toxic Data

Facility ID:	74060	***COID:***	LA
Facility SIC Code:	2821	***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:			

2005 Criteria Data

Facility ID:	74060	***CERR Code:***	
Facility SIC Code:	2821	***TOGT:***	15.020977536829271036629731106997403461 99
CO:	19	***ROGT:***	9.642
Air Basin:	SC	***COT:***	1.036
District:	SC	***NOXT:***	3.833
COID:	LA	***SOXT:***	.018
DISN:	SOUTH COAST AQMD	***PMT:***	3.717
CHAPIS:		***PM10T:***	3.3499

2005 Toxic Data

Facility ID:	74060	***COID:***	LA
Facility SIC Code:	2821	***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:			

2006 Criteria Data

Facility ID:	74060	***CERR Code:***	
Facility SIC Code:	2821	***TOGT:***	14.040419319266236672941232779001040729 46
CO:	19	***ROGT:***	7.511
Air Basin:	SC	***COT:***	1.194
District:	SC	***NOXT:***	3.167
COID:	LA	***SOXT:***	.016
DISN:	SOUTH COAST AQMD	***PMT:***	1.255
CHAPIS:		***PM10T:***	1.1444

2006 Toxic Data

Facility ID:	74060	***COID:***	LA

Facility SIC Code:	2821	**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:			

2007 Criteria Data

Facility ID:	74060	**CERR Code:**	
Facility SIC Code:	2821	**TOGT:**	14.040419319266236672941232779001040729 46
CO:	19	**ROGT:**	7.511
Air Basin:	SC	**COT:**	1.194
District:	SC	**NOXT:**	3.167
COID:	LA	**SOXT:**	.016
DISN:	SOUTH COAST AQMD	**PMT:**	1.255
CHAPIS:		**PM10T:**	1.1444

2007 Toxic Data

Facility ID:	74060	**COID:**	LA
Facility SIC Code:	2821	**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:			

2008 Criteria Data

Facility ID:	74060	**CERR Code:**	
Facility SIC Code:	2295	**TOGT:**	12.060816744851148470765300088611456490 92
CO:	19	**ROGT:**	6.697134416451500503768811
Air Basin:	SC	**COT:**	2.45775
District:	SC	**NOXT:**	2.92589
COID:	LA	**SOXT:**	.01753
DISN:	SOUTH COAST AQMD	**PMT:**	1.17778
CHAPIS:		**PM10T:**	1.07362

2008 Toxic Data

Facility ID:	74060	**COID:**	LA
Facility SIC Code:	2295	**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:			

2009 Criteria Data

Facility ID:	74060	**CERR Code:**	
Facility SIC Code:	2295	**TOGT:**	11.177930639085382311631064401226362514 65
CO:	19	**ROGT:**	6.479395029

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Air Basin:	SC	**COT:**	1.54
District:	SC	**NOXT:**	1.82
COID:	LA	**SOXT:**	.011074
DISN:	SOUTH COAST AQMD	**PMT:**	1.45562
CHAPIS:		**PM10T:**	1.21562

2009 Toxic Data

Facility ID:	74060	**COID:**	LA
Facility SIC Code:	2295	**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:			

2010 Toxic Data

Facility ID:	74060	**COID:**	LA
Facility SIC Code:	2295	**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:			

2011 Criteria Data

Facility ID:	74060	**CERR Code:**	
Facility SIC Code:	2295	**TOGT:**	8.37081940252041872722040487395712560299
CO:	19	**ROGT:**	6.42721668501326
Air Basin:	SC	**COT:**	1.63748
District:	SC	**NOXT:**	1.9494
COID:	LA	**SOXT:**	.01168
DISN:	SOUTH COAST AQMD	**PMT:**	1.35663
CHAPIS:		**PM10T:**	1.126455

2011 Toxic Data

Facility ID:	74060	**COID:**	LA
Facility SIC Code:	2295	**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:			

8	***15 of 25***	***S***	***0.10 / 502.87***	***142.14 / 0***	***MC WHORTER INC 5501 E SLAUSON AVE LOS ANGELES CA 90040***	***EMISSIONS***

1987 Criteria Data

Facility ID:	74060	**CERR Code:**	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Facility SIC Code:	2821	**TOGT:**	2.6
CO:	19	**ROGT:**	.30382
Air Basin:	SC	**COT:**	1
District:	SC	**NOXT:**	3.5
COID:	LA	**SOXT:**	4.4
DISN:	SOUTH COAST AQMD	**PMT:**	.2
CHAPIS:		**PM10T:**	.2

1987 Toxic Data

Facility ID:	74060	**COID:**	LA
Facility SIC Code:	2821	**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:			

1990 Criteria Data

Facility ID:	74060	**CERR Code:**	
Facility SIC Code:	2821	**TOGT:**	6.3
CO:	19	**ROGT:**	6.07756
Air Basin:	SC	**COT:**	1
District:	SC	**NOXT:**	10.4
COID:	LA	**SOXT:**	0
DISN:	SOUTH COAST AQMD	**PMT:**	.1
CHAPIS:		**PM10T:**	.1

1990 Toxic Data

Facility ID:	74060	**COID:**	LA
Facility SIC Code:	2821	**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:			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
8	16 of 25	S	0.10 / 502.87	142.14 / 0	ENGINEERED POLYMER SOLUTIONS INC 5501 E SLAUSON AVE LOS ANGELES CA 90040	EMISSIONS

2012 Criteria Data

Facility ID:	74060	**CERR Code:**	
Facility SIC Code:	2295	**TOGT:**	7.12307076117631863134018238088385312827
CO:	19	**ROGT:**	5.684587195
Air Basin:	SC	**COT:**	1.46797
District:	SC	**NOXT:**	1.43516
COID:	LA	**SOXT:**	.01047
DISN:	SOUTH COAST AQMD	**PMT:**	1.2943
CHAPIS:		**PM10T:**	1.068827

2012 Toxic Data

Facility ID: 74060
Facility SIC Code: 2295
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:

2013 Criteria Data

Facility ID: 74060
Facility SIC Code: 2821
CO: 19
Air Basin: SC
District: SC
COID: LA
DISN: SOUTH COAST AQMD
CHAPIS:
CERR Code:
TOGT: 6.8868222614126521569193413768773164425 7
ROGT: 5.084544455
COT: 1.31208
NOXT: 1.13445
SOXT: .00936
PMT: 1.29575
PM10T: 1.068459

2013 Toxic Data

Facility ID: 74060
Facility SIC Code: 2821
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:

2014 Criteria Data

Facility ID: 74060
Facility SIC Code: 2821
CO: 19
Air Basin: SC
District: SC
COID: LA
DISN: SOUTH COAST AQMD
CHAPIS:
CERR Code:
TOGT: 8.1514986777712714293568309292064494777 77
ROGT: 6.50071962
COT: .86146
NOXT: 1.20128
SOXT: .00782
PMT: 1.26491
PM10T: 1.148241

2014 Toxic Data

Facility ID: 74060
Facility SIC Code: 2821
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:

2015 Criteria Data

Facility ID: 74060
Facility SIC Code: 2821
CERR Code:
TOGT: 17.33299488248821226561322137089055541

			345
CO:	19	**ROGT:**	15.955098682
Air Basin:	SC	**COT:**	.849547
District:	SC	**NOXT:**	.771875
COID:	LA	**SOXT:**	.007914
DISN:	SOUTH COAST AQMD	**PMT:**	1.267706
CHAPIS:		**PM10T:**	1.1508655

2015 Toxic Data

Facility ID:	74060	**COID:**	LA
Facility SIC Code:	2821	**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:	74060	**CERR CODE:**	
Facility SIC Code:	2821	**TOGT:**	5.2344189811961046507061614198965825295
CO:	19	**ROGT:**	3.83966345
Air Basin:	SC	**COT:**	.67
District:	SC	**NOXT:**	.240274
COID:	LA	**SOXT:**	.0083
DISN:	SOUTH COAST AQMD	**PMT:**	1.45
CHAPIS:		**PM10T:**	1.313

2016 Toxic Data

Facility ID:	74060	**TS:**	
Facility SIC Code:	2821	**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:	74060	**CERR Code:**	
Facility SIC Code:	2821	**TOGT:**	5.7220575511961046507061614198965825295
CO:	19	**ROGT:**	4.32730202
Air Basin:	SC	**COT:**	.63
District:	SC	**NOXT:**	.32941
COID:	LA	**SOXT:**	.00796
DISN:	SOUTH COAST AQMD	**PMT:**	1.15
CHAPIS:		**PM10T:**	1.043

2017 Toxic Data

Facility ID:	74060	**COID:**	LA
Facility SIC Code:	2821	**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:	74060	***CERR Code:***	
Facility SIC Code:	2821	***TOGT:***	5.691772366909071967034045036203198682 01
CO:	19	***ROGT:***	4.331469927
Air Basin:	SC	***COT:***	.496753018
District:	SC	***NOXT:***	.46255885
COID:	LA	***SOXT:***	.008515579
DISN:	SOUTH COAST AQMD	***PMT:***	1.08040243
CHAPIS:		***PM10T:***	.98300668

2018 Toxic Data

Facility ID:	74060	***COID:***	LA
Facility SIC Code:	2821	***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 Criteria Data

CO:	19	***CHAPIS:***	
Air Basin:	SC	***CERR Code:***	
Facility ID:	74060	***ROGT:***	4.88973501275
District:	SC	***COT:***	.612475792
Facility SIC Code:	2295	***NOXT:***	.6188014078
CO ID:	LA	***SOXT:***	.0104993753
DISN:	SOUTH COAST AQMD		
PM10T:	1.0773874538		
TOGT:	6.3255030475526729706242578140219576939 1		
PMT:	1.1825147038		

2019 Toxic Data

CO:	19	***CHAPIS:***	
Air Basin:	SC	***CERR Code:***	
Faccility ID:	74060	***TS:***	
District:	SC	***Health Risk Asmt:***	
Facility SIC Code:	2295	***NonCncrChrnicHazInd :***	
COID:	LA	***NonCncrActeHazInd:***	
DISN:	SOUTH COAST AQMD		

8	***17 of 25***	***S***	***0.10 / 502.87***	***142.14 / 0***	***ENGINEERED POLYMER SOLUTIONS 5501 E SLAUSON AVE COMMERCE CA 90040***	***CERS TANK***

Site ID:	114627	***Latitude:***	33.986301
Longitude:	-118.165935		

Regulated Programs

EI ID: 10153871

EI Description: Hazardous Waste Generator

EI ID: 10153871
EI Description: RCRA LQ HW Generator

EI ID: 10153871
EI Description: Hazardous Chemical Management

EI ID: 10153871
EI Description: Aboveground Petroleum Storage

EI ID: 10153871
EI Description: Chemical Storage Facilities

Violations

Violation Date: 05/04/2021 ***Violation Source:*** CERS
Violation Program: HWRecycler ***Violation Division:*** Los Angeles County Fire Department
Citation: HSC 6.5 25143.9 - California Health and Safety Code, Chapter 6.5, Section(s) 25143.9
Violation Notes:

OBSERVATION: Owner/Operator failed to manage a recyclable material pursuant to HSC 6.5 25143.2(b), (c), or (d). Observed 1 x 55-gallon drum of Xylene cleaning wash with the ERM label. Facility is claiming HSC 6.5 25143.2(c) for the reclamation of Xylene. CORRECTIVE ACTION: Submit documentation demonstrating compliance with HSC 6.5 25143.2(b), (c), or (d) for any material you claim qualifies as an excluded recyclable material, or indicate that this material is to be managed as a hazardous waste.

Violation Description:

Failure to manage a recyclable material pursuant to HSC 6.5 25143.2(b), (c), or (d).

Violations

Violation Date: 05/15/2019 ***Violation Source:*** CERS
Violation Program: CalARP ***Violation Division:*** Los Angeles County Fire Department
Citation: 19 CCR 4.5 2760.2(g) - California Code of Regulations, Title 19, Chapter 4.5, Section(s) 2760.2(g)
Violation Notes:

Returned to compliance on 09/24/2019. OBSERVATION: The owner/operator did not provide 2010 PHA recommendations and tracking of documented resolution for the PHA recommendations for review. CORRECTIVE ACTION: Obtain the missing Process Hazard Analysis and updates/revalidation for each covered process as well as the documented resolution of recommendations for the life of the process and submit a copy to the CUPA.

Violation Description:

Failure to retain the Process Hazard Analysis and updates/revalidations for each covered process as well as the documented resolution of recommendations for the life of the process.

Violations

Violation Date: 05/04/2021 ***Violation Source:*** CERS
Violation Program: HWLQG ***Violation Division:*** Los Angeles County Fire Department
Citation: 22 CCR 15 66265.35 - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.35
Violation Notes:

Returned to compliance on 07/14/2021. OBSERVATION: The hazardous waste storage area located in the 90-day Hazardous Waste accumulation area did not have adequate aisle space allowing for unobstructed movement. CORRECTIVE ACTION: Submit photos to the CUPA demonstrating that adequate aisle space has been provided.

Violation Description:

Failure to maintain aisle space to allow the unobstructed movement of personnel, fire protection equipment, spill control equipment, and decontamination equipment to any area of facility operation in an emergency, unless aisle space is not needed for any of these purposes.

Violations

Violation Date: 05/15/2019 ***Violation Source:*** CERS
Violation Program: CalARP ***Violation Division:*** Los Angeles County Fire Department
Citation: 19 CCR 4.5 2760.5(d) - California Code of Regulations, Title 19, Chapter 4.5, Section(s) 2760.5(d)
Violation Notes:

Returned to compliance on 09/24/2019. OBSERVATION: The owner/operator failed to provide documentation on the following: inspections and tests are performed on process equipment; inspection and testing procedures follow recognized and generally accepted good engineering practices; the frequency of inspections and tests of process equipment is consistent with applicable manufacturers' recommendations and good engineering practices, and more frequently if determined to be necessary by prior operating experience; each inspection or test that has been performed on process equipment is documented and includes the date of inspection or test, name of the person who performed the inspection or test, serial number or other identifier of the equipment inspected or tested, description of the inspection or test performed, and the results of the inspection or test. A copy of the written mechanical integrity program was not available for review at the time of inspection. A copy of the tank inspection schedule and pipe [Truncated]

Violation Description:

Failure to ensure the following:
1. Inspections and tests are performed on process equipment;
2. Inspection and testing procedures follow recognized and generally accepted good engineering practices;
3. The frequency of inspections and tests of process equipment is consistent with applicable manufacturers' recommendations and good engineering practices, and more frequently if determined to be necessary by prior operating experience;
4. Each inspection or test that has been performed on process equipment is documented and includes the date of inspection or test, name of the person who performed the inspection or test, serial number or other identifier of the equipment inspected or tested, description of the inspection or test performed, and the results of the inspection or test.

Violations

Violation Date: 05/15/2019 ***Violation Source:*** CERS
Violation Program: CalARP ***Violation Division:*** Los Angeles County Fire Department
Citation: 19 CCR 4.5 2760.2(e) - California Code of Regulations, Title 19, Chapter 4.5, Section(s) 2760.2(e)
Violation Notes:

Returned to compliance on 09/24/2019. OBSERVATION: The owner/operator failed to address the following in the Process Hazard Analysis: document the action taken to resolve each recommendation and the date of completion for each recommendation. Review of MQ006P/ Isocyanate, a 2015 PHA recommendation tracking document, received during the inspection shows "closed" status for the recommendations identified during the PHA process; however, the date of work completed was not documented as required. All PHA recommendation shall be completed within two and one-half (2.5) years of performing the PHA. Tracking logs for the 2014 seismic recommendation and action taken to resolve the recommendations were not available for review. (2014 seismic report was based on the piping inspection conducted in 2011 and pressure vessel & process tank inspection in 2012) CORRECTIVE ACTION: Provide updated tracking with date of completion for all hazards/recommendation identified during the PHA process and provide copy to the [Truncated]

Violation Description:

Failure to address the following in the Process Hazard Analysis:
1. Establish a system to address the teams findings and recommendations;
2. Assure that the recommendations are resolved and documented;
3. Document what actions are to be taken;
4. Develop a written schedule of when these actions are to be completed;
5. Complete these actions on a timetable agreed upon with the AA, or within two and one-half (2.5) years of performing the PHA, or the next planned turnaround, for those items that require a turnaround;
6. Document the final resolution taken to address each recommendation and actual completion date; and
7. Communicate the actions to operating, maintenance and other employees whose work assignments are in the process and who may be affected by the recommendations or actions.

Violations

Violation Date: 01/26/2006 ***Violation Source:*** CERS
Violation Program: OSHA ***Violation Division:*** Cal/OSHA
Citation: 01004 - Search Title 8 regulations for 5189 G02 at https://www.dir.ca.gov/title8/index/T8index.asp
Violation Notes:

Violation Description:

Cal/OSHA Violation

Violations

Violation Date: 05/15/2019 ***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 09/24/2019. OBSERVATION: The hazmat chemical inventory reported in CERS failed to include "chemical name" for each chemical stored on site. Title 19 section 2652 (d)states, Businesses shall report mixtures that are hazardous materials by their common name (the common name or trade name of the mixture as a whole). Hazardous components in the mixture shall be identified by chemical name, percent weight, and Chemical Abstract Service (CAS) numbers (refer to Material Safety Data Sheet (MSDS) or, in case of trade secrets, refer to manufacturer). (for example- MT0007B, CC0053B listed as the common name instead of vinyl acetate and aqueous ammonia respectively. Include chemical name along code name, i.e. MT0007B/ vinyl acetate, CC0053B/aqueous ammonia etc. for all the chemical stored on site.) In the event of an emergency, emergency response personal often relay on CERS information to plan their response methods. Therefore, it is imperative that the chemical names and common names used [Truncated]

Violation Description:

Failure to complete and electronically submit hazardous material inventory information for all reportable hazardous materials on site at or above reportable quantities.

Violations

Violation Date: 05/15/2019 ***Violation Source:*** CERS
Violation Program: CalARP ***Violation Division:*** Los Angeles County Fire Department
Citation: 19 CCR 4.5 2760.8(e) - California Code of Regulations, Title 19, Chapter 4.5, Section(s) 2760.8(e)
Violation Notes:

Returned to compliance on 09/24/2019. OBSERVATION: A copy of the 2018 compliance audit report was not available for review. Operator provided copy of the recommendation that was derived from the 2018 compliance audit report. Review of the 2015 compliance audit report that was provided during the inspection revealed, owner/operator did not properly document answer to each questions that was reviewed during the compliance audit. 2015 compliance audit report documentation portion shows "no answer" to majority of the scenario/ questions reviewed during the compliance audit process. CORRECTIVE ACTION: Provide a copy of the 2018 and 2015 compliance audit and documentation showing proper response to each scenarios/ questions addressed as required and send a copy to the CUPA.

Violation Description:

Failure to retain the two most recent compliance audit reports.

Violations

Violation Date: 05/15/2019 ***Violation Source:*** CERS
Violation Program: CalARP ***Violation Division:*** Los Angeles County Fire Department
Citation: 19 CCR 4.5 2760.5(e) - California Code of Regulations, Title 19, Chapter 4.5, Section(s) 2760.5(e)
Violation Notes:

Returned to compliance on 09/24/2019. OBSERVATION: The ammonia pipe between K-reactors and ammonia storage container (275-G polyurethane tote) was not adequately secured to prevent lateral movement in the event of a seismic activity. The ammonia pipe was not properly labeled with the required ammonia labels. CORRECTIVE ACTION: Properly secure and provide label to the pipe and Submit documentation to the CUPA demonstrating the owner/operator has corrected deficiencies in the equipment that is outside acceptable limits.

Violation Description:

Failure to correct deficiencies in equipment that are outside acceptable limits before further use or in a safe and timely manner when necessary means are taken to assure safe operation.

Violations

Violation Date: 05/04/2021 ***Violation Source:*** CERS
Violation Program: HWLQG ***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 07/14/2021. OBSERVATION: 1 x 275-gallon tote and 3 x 55-gallon drums containing Butanol Water Waste and 4 x 55-gallon

drums of Waste Solvent located at the 90-day waste accumulation area were observed without the following information on the label: Hazard Waste Code 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 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: 06/13/2019 ***Violation Source:*** CERS
Violation Program: HWLQG ***Violation Division:*** Los Angeles County Fire Department
Citation: 22 CCR 15 66265.192(h) - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.192(h)
Violation Notes:

Returned to compliance on 07/16/2019. OBSERVATION: A hazardous waste tank reassessment has not been conducted for the 10,000-gallon waste tank system within 5 years of the previous tank system assessment or within the remaining service life of the tank system as stated in the engineer's report, whichever is less. CORRECTIVE ACTION: Obtain a written hazardous waste tank system reassessment for the 10,000-gallon waste tank system in accordance with 22 CCR 15 66265.192 and submit a copy to the CUPA.

Violation Description:

Failure of generator to obtain assessment or reassessment every five (5) years or the remaining service life of the tank system, as stated in the engineer's assessment, whichever is less. This assessment applies to onground or aboveground tank systems containing only non-RCRA hazardous wastes generated onsite, or for a small quantity generator onground or aboveground tank systems containing RCRA hazardous wastes generated onsite.

Violations

Violation Date: 05/15/2019 ***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 09/24/2019. OBSERVATION: The site map submitted for the facility did not include the following: loading area, storm and sewer drains, emergency shut offs and hazardous materials/waste storage areas. CORRECTIVE ACTION: Revise the site map to include all required elements and resubmit into the CERS.

Violation Description:

Failure to complete and electronically submit a site map with all required content.

Evaluations

Eval Date: 05/04/2021
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: HWRecycler
Eval Source: CERS
Eval Notes:

DAN OSSMAN, PLANT MANAGER; Note: data in [EVAL Notes] field for some records is truncated from the source.

Eval Date: 05/15/2019
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: HMRRP
Eval Source: CERS
Eval Notes:

Thomas Ball, Operations Manager. Van Huynh, HSE Specialist.; Note: data in [EVAL Notes] field for some records is truncated from the source.

Eval Date: 04/24/2014
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: PBR
Eval Source: CERS
Eval Notes:

Eval Date: 09/28/2017
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: APSA
Eval Source: CERS
Eval Notes:

Justin Lanyon, Plant Manager; Note: data in [EVAL Notes] field for some records is truncated from the source.

Eval Date: 05/30/2018
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: HWLQG
Eval Source: CERS
Eval Notes:

Eval Date: 05/24/2012
Violations Found: No
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Los Angeles County Department of Public Works
Eval Program: HWLQG
Eval Source: CERS
Eval Notes:

Eval Date: 03/24/2016
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:

Justin Lanyon, Plant Manager; Note: data in [EVAL Notes] field for some records is truncated from the source.

Eval Date: 05/04/2021
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: APSA
Eval Source: CERS
Eval Notes:

DAN OSSMAN, PLANT MANAGER; Note: data in [EVAL Notes] field for some records is truncated from the source.

Eval Date: 06/18/2014
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: CE
Eval Source: CERS
Eval Notes:

Site visit with petrochem unit- confirmed and confirmed drum rinsing on site; Note: data in [EVAL Notes] field for some records is truncated from the source.

Eval Date: 04/11/2016
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: CE
Eval Source: CERS
Eval Notes:

Justin R. Lanyon (Plant Manager) Observed no significant violation on site at time of inspection.; Note: data in [EVAL Notes] field for some records is truncated from the source.

Eval Date: 05/04/2021
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: HWLQG
Eval Source: CERS
Eval Notes:

DAN OSSMAN, PLANT MANAGER; Note: data in [EVAL Notes] field for some records is truncated from the source.

Eval Date: 01/09/2013
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: 05/15/2019
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: CalARP
Eval Source: CERS
Eval Notes:

Thomas Ball, Operations Manager Van Huynh, HSE Specialist.; Note: data in [EVAL Notes] field for some records is truncated from the source.

Eval Date: 01/09/2013
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: CalARP
Eval Source: CERS
Eval Notes:

Inspected by Michael Whitehead, HMS III; Note: data in [EVAL Notes] field for some records is truncated from the source.

Eval Date: 06/13/2019
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: APSA
Eval Source: CERS
Eval Notes:

Dan Ossman, Plant Manager; Note: data in [EVAL Notes] field for some records is truncated from the source.

Eval Date: 01/09/2013
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:

Inspected by Michael Whitehead, HMS III; Note: data in [EVAL Notes] field for some records is truncated from the source.

Eval Date: 03/24/2016
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: CalARP
Eval Source: CERS
Eval Notes:

Justin Lanyon, Plant Manager; Note: data in [EVAL Notes] field for some records is truncated from the source.

Eval Date: 05/04/2021
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: CE
Eval Source: CERS
Eval Notes:

DAN OSSMAN, PLANT MANAGER; Note: data in [EVAL Notes] field for some records is truncated from the source.

Eval Date: 06/13/2019
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: HWLQG
Eval Source: CERS
Eval Notes:

Dan Ossman, Plant Manager; Note: data in [EVAL Notes] field for some records is truncated from the source.

Eval Date: 09/24/2014
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: APSA
Eval Source: CERS
Eval Notes:

Edgar Herrara, HSE Manager No significant violations noted. Advised on 5 year review upgoing and amendments logs. Tank facilities statement not needed in CERS due to complaince with HMBP requirements.; Note: data in [EVAL Notes] field for some records is truncated from the source.

Eval Date: 06/13/2019
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: CE
Eval Source: CERS
Eval Notes:

Dan Ossman, Plant Manager; Note: data in [EVAL Notes] field for some records is truncated from the source.

Eval Date: 01/09/2013
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: CalARP
Eval Source: CERS
Eval Notes:

Eval Date: 07/27/2005
Violations Found: Yes
Eval General Type: Occupational Safety and Health Administration Inspection
Eval Type: Cal/OSHA Inspection
Eval Division: Cal/OSHA
Eval Program: OSHA
Eval Source: CERS
Eval Notes:

Eval Date: 09/18/2014
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: APSA
Eval Source: CERS
Eval Notes:

Eval Date: 04/11/2016
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: HWLQG
Eval Source: CERS
Eval Notes:

Justin R. Lanyon (Plant Manager) Observed no significant violation on site at time of inspection. ; Note: data in [EVAL Notes] field for some records is truncated from the source.

Affiliations

Affil Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title:
Address: 5523 E SLAUSON AVE
City: LOS ANGELES
State: CA
Country:

Zip Code: 90040
Phone:

Affil Type Desc: Parent Corporation
Entity Name: Engineered Polymer Solutions, Inc.
Entity Title:
Address:
City:
State:
Country:
Zip Code:
Phone:

Affil Type Desc: Identification Signer
Entity Name: Daniel Ossman
Entity Title: Plant Manager
Address:
City:
State:
Country:
Zip Code:
Phone:

Affil Type Desc: Property Owner
Entity Name: The Sherwin-Williams Company
Entity Title:
Address: 101 Prospect Avenue NW
City: Cleveland
State: OH
Country: United States
Zip Code: 44115
Phone: (216) 566-2000

Affil Type Desc: Onsite Treatment Unit Owner Operator
Entity Name: EDGAR HERRERA
Entity Title: HSE MANAGER
Address:
City:
State:
Country:
Zip Code:
Phone:

Affil Type Desc: Document Preparer
Entity Name: Van Huynh
Entity Title:
Address:
City:
State:
Country:
Zip Code:
Phone:

Affil Type Desc: Environmental Contact
Entity Name: VAN HUYNH
Entity Title:
Address: 5523 E SLAUSON AVE
City: LOS ANGELES
State: CA
Country:
Zip Code: 90040
Phone:

Affil Type Desc: Legal Owner
Entity Name: The Sherwin-Williams Manufacturing Company
Entity Title:
Address: 5523 E. SLAUSON AVE
City: LOS ANGELES
State: CA

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Country: United States
Zip Code: 90040
Phone: (216) 566-2000

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: Operator
Entity Name: Daniel Ossman
Entity Title:
Address:
City:
State:
Country:
Zip Code:
Phone: (323) 889-7272

Coordinates

Env Int Type Code: CalARP
Program ID: 10153871
Latitude: 33.986300
Longitude: -118.165940
Coord Name:
Ref Point Type Desc: Center of a facility or station.

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
8	18 of 25	S	0.10 / 502.87	142.14 / 0	MCCLOSKEY VARNISH CO WEST 5501 E. SLAUSON AVE CITY OF COMMERCE CA	HIST TANK

Owner Name: MCCLOSKEY VARNISH CO
Owner Street: 7600 STATE ROAD
Owner City: PHILADELPHIA
Owner State: PA
Owner Zip: 19136
No of Containers: 29
County: LOS ANGELES
Facility State: CA
Facility Zip: 90040

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
8	19 of 25	S	0.10 / 502.87	142.14 / 0	ENGINEERED POLYMER SOLUTIONS 5501 E SLAUSON AVE COMMERCE CA 90040	CUPA LA COUNTY

Facility ID: FA0025145
CERS ID: 10153871

Active Facility Details

PE: 2002

PE: 3005

PE: 3703

PE: 3506

PE: 1103

Inactive Facility Details

PE: 7124

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
PE:		2020				
8	20 of 25	S	0.10 / 502.87	142.14 / 0	5501 E SLAUSON AVE LOS ANGELES CA	HMIRS

Incident County: LOS ANGELES

HMIR Incident Reports

Report No:	I-1996061194	**Fed DOT Agency Nm:**	
Report Type:	A hazardous material incident	**Fed DOT Report No:**	
Date of Incident:	1996-06-09	**Report Submit Src:**	Paper
Time of Incident:	1037	**Inc Multiple Rows:**	No
Haz Class Code:		**Inc Non US State:**	
Hazardous Class:	8	**Mode Transport:**	Highway
Commodity Short Nm:	METHACRYLIC ACID, STABIL	**Transport Phase:**	Unloading
Commodity Long Nm:	METHACRYLIC ACID, STABILIZED	**Incident Occrrnce:**	
Trade Name:		**Mat Ship Approval?:**	No
ID No:	UN2531	**Mat Ship Approv No:**	
Haz Waste Ind:	No	**Undecl Hazmat Ship?:**	No
Haz Waste EPA No:		**Packaging Type:**	Non-Bulk
HMIS Tox Inhalation?:	No	**Packing Group:**	
TIH Hazard Zone:		**Carrier Reporter:**	YELLOW FREIGHT SYSTEM INC
Qty Released:	0.007813	**CR Street Name:**	10990 ROE AVENUE
Unit of Measure:	Liquid - Gallon	**CR City:**	OVERLAND PARK
What Failed:		**CR State:**	KS
What Failed Desc:		**CR Postal Code:**	66207
How Failed Code:		**CR Non US State:**	
How Failed Desc:		**CR Fed DOT ID:**	555940
Failure Cause Code:		**CR Hazmat Reg ID:**	
Failure Cause Desc:		**CR Country:**	US
Ident. Markings:		**Shipper Name:**	ROHM & HAAS CO
Cont1 Pkging Type:		**Shipper Street Name:**	11931 HWY 225
Cont1 Const Mat:		**Shipper City:**	LA PORTE
Cont1 Head Type:		**Shipper State:**	TX
Cont1 Pkg Capacity:	55	**Shipper Postal:**	77571
C1 Capacity UOM:	LGA	**Shipper Non US St:**	
Cont1 Pkg Amt:	0	**Shipper Country:**	US
C1 Pkg Amt UOM:		**Shipper Waybill:**	190243517
Cont1 Pkg No:	10	**Ship Hazmat Reg ID:**	
C1 Pkg NO Failed:	1	**Origin City:**	
Cont1 Pkg Mnfctr:	NOT REPORTED BY CARRIER	**Origin State:**	
Cont1 Pkg Mnfct Dt:	0-00-00 00:00:00	**Origin Postal:**	
Cont1 Pkg Serial NO:		**Origin Non US St:**	
C1 Pkg Last Test Dt:	0-00-00 00:00:00	**Origin Country:**	US
C1 Test Const Mat:		**Destination City:**	LOS ANGELES
C1 Pkg Dsign Pres.:	0	**Destination State:**	CALIFORNIA
C1 Dsign Press UOM:		**Destination Postal:**	90040
C1 Pkg Shell Thick:	0	**Destination Non US:**	
C1 Shell Thick UOM:		**Destination Country:**	US
C1 Head Thickness:	0	**Cont2 Package Type:**	
C1 Head Thick UOM:		**Cont2 Const Mat:**	
C1 Pkg Srvc Pres.:	0	**Cont2 Pkg Capacity:**	0
C1 Srvc Press UOM:		**Cont2 Capacity UOM:**	
C1 Valve/Device Fail?:	No	**Cont2 Pkg Amount:**	0
C1 Device Type:		**Cont2 Pkg Amt UOM:**	
C1 Device Mnfctr:		**Cont2 Pkg No:**	0
C1 Device Model:		**Cont2 Pkg No Failed:**	0
NRC No:			

RAM Pkg Category:		**Haz NonHosp Public:**	0
RAM Pkg Cert.:	FALSE	**Haz NonHosp Old:**	
RAM Pkg Cert. NBR:		**Tot Haz Non Hosp Inj:**	
RAM Nuclide S:		**Total Hazmat Injuries:**	0
RAM Transport Index:		**Evacuation Indicator:**	No

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

RAM UOM:		**Public Evacuated:**	0
RAM Activity Rpted:	0	**Employees Evac:**	0
RAM UOM Rpted:		**Total Evacuated:**	0
RAM Activity:	0	**Total Evacuation Hrs:**	0
RAM Activity UOM:		**Major Artery Closed:**	No
RAM Mat Safety:		**Mjr Artery Hrs Closed:**	0
Spillage Result:	Yes	**Material Involved:**	No
Fire Result:	No	**Estimated Speed:**	0
Explosion Result:	No	**Weather Conditions:**	
Water Sewer Result:	No	**Vehicle Overturn:**	No
Gas Dispersion:	No	**Vehicle Left Roadway:**	No
Environment Damage:	No	**Passenger Aircraft:**	No
No Release Result:	No	**Cargo Baggage:**	
Fire EMS Report:	No	**Ship Non Transport:**	No
Fire EMS EMS Report:		**Ship Air First Flight:**	No
Police Report:	No	**Ship Air Subflight:**	No
Police Report No:		**Ship Init Transport:**	No
In House Cleanup:	No	**Ship Phase Transfer:**	No
Other Cleanup:	No	**Contact Name:**	TOM WILSON
Damage > 500:	No	**Contact Title:**	HAZMAT SPECIALIST
Material Loss:	5	**Contact Business:**	
Carrier Damage:	0	**Contact Street:**	
Property Damage:	0	**Contact City:**	
Response Cost:	0	**Contact State:**	
Remediation Cost:	125	**Contact Postal:**	
Damage Old Form:	300	**Contact Non US St:**	
Total Damages Amt:	430	**Contact Country:**	US
Hazmat Fatality:	No	**Inc. Report Prepared:**	
Haz Fatal Employees:	0	**HMIS Serious Incidnt:**	No
Haz Fatal Respndrs:	0	**HMIS Serious Fatality:**	No
Haz Fatal Gen Public:	0	**HMIS Serious Injury:**	No
Tot Hazmat Fatalities:	0	**HMIS Flight Plan:**	No
Non Hazmat Fatality:	No	**HMIS Serious Evacs:**	No
Non Hazmat Fatals:	0	**HMIS Major Artery:**	No
Hazmat Injury:	No	**HMIS Bulk Release:**	No
Haz Hospital Empl:	0	**HMIS Marine Pollutnt:**	No
Haz Hospital Resp:	0	**HMIS Radioactive:**	No
Haz Hosp Gen Public:	0	**HMIS Gen Pkg Type:**	DRUM NON-METAL
Haz Hosp Old Form:	0	**HMIS Container Code:**	DRUM PLS
Total Haz Hosp Inj:	0	**HMIS Container Desc:**	Plastic drum
Haz Non Hosp Empl:	0	**HMIS Bulk Incident:**	No
Haz Non Hosp Resp:	0	**Undeclared Shipment:**	No

Description of Events: WHILE UNLOADING THE TRAILER AT CONSIGNEE'S DOCK, DISCOVERED A TRICKLE OF PRODUCT LEAKING FROM A LOOSE BUNG. THE DRUM WAS REFUSED BY THE CONSIGNEE. THE DRUM WAS RECOOPED AND RETURNED TO THE SHIPPER FOR CLAIMS CREDIT.

Recommend Actions Taken:

HMIR Incident Reports

Report No:	I-2014060439	**Fed DOT Agency Nm:**	
Report Type:	A hazardous material incident	**Fed DOT Report No:**	
Date of Incident:	2014-05-24	**Report Submit Src:**	Paper
Time of Incident:	1700	**Inc Multiple Rows:**	No
Haz Class Code:		**Inc Non US State:**	
Hazardous Class:	3	**Mode Transport:**	Highway
Commodity Short Nm:	FLAMMABLE LIQUIDS, N.O.S.	**Transport Phase:**	In Transit
Commodity Long Nm:	FLAMMABLE LIQUIDS, N.O.S.	**Incident Occrrnce:**	
Trade Name:	ETHYLHEXYL ACRYLATE	**Mat Ship Approval?:**	No
ID No:	UN1993	**Mat Ship Approv No:**	
Haz Waste Ind:	No	**Undecl Hazmat Ship?:**	No
Haz Waste EPA No:		**Packaging Type:**	Cargo Tank Motor Vehicle (CTMV)
HMIS Tox Inhalation?:	No	**Packing Group:**	II
TIH Hazard Zone:		**Carrier Reporter:**	QUALITY CARRIERS, INC.
Qty Released:	0.015625	**CR Street Name:**	4041 PARK OAKS BLVD # 200
Unit of Measure:	Liquid - Gallon	**CR City:**	TAMPA
What Failed:	105	**CR State:**	FL
What Failed Desc:	Bolts or Nuts	**CR Postal Code:**	33610-9531
How Failed Code:	308	**CR Non US State:**	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

How Failed Desc:	Leaked	**CR Fed DOT ID:**	76600
Failure Cause Code:	526	**CR Hazmat Reg ID:**	051012551075UV
Failure Cause Desc:	Loose Closure, Component, or Device	**CR Country:**	US
Ident. Markings:	DOT 307	**Shipper Name:**	UNION CARBIDE
Cont1 Pkging Type:		**Shipper Street Name:**	HWY 18 RIVER RD
Cont1 Const Mat:		**Shipper City:**	Taft
Cont1 Head Type:		**Shipper State:**	LA
Cont1 Pkg Capacity:	6728	**Shipper Postal:**	70057
C1 Capacity UOM:	LGA	**Shipper Non US St:**	
Cont1 Pkg Amt:	0	**Shipper Country:**	US
C1 Pkg Amt UOM:		**Shipper Waybill:**	72015159
Cont1 Pkg No:	0	**Ship Hazmat Reg ID:**	
C1 Pkg NO Failed:	0	**Origin City:**	
Cont1 Pkg Mnfctr:	SUNSHINE	**Origin State:**	
Cont1 Pkg Mnfct Dt:	1990-03-01 00:00:00	**Origin Postal:**	
Cont1 Pkg Serial NO:	1S9T00001L112904	**Origin Non US St:**	
C1 Pkg Last Test Dt:	0-00-00 00:00:00	**Origin Country:**	US
C1 Test Const Mat:		**Destination City:**	LOS ANGELES
C1 Pkg Dsign Pres.:	25	**Destination State:**	CALIFORNIA
C1 Dsign Press UOM:	PSI	**Destination Postal:**	90040
C1 Pkg Shell Thick:	0.134	**Destination Non US:**	
C1 Shell Thick UOM:	INCH	**Destination Country:**	US
C1 Head Thickness:	0.134	**Cont2 Package Type:**	
C1 Head Thick UOM:	INCH	**Cont2 Const Mat:**	
C1 Pkg Srvc Pres.:	0	**Cont2 Pkg Capacity:**	0
C1 Srvc Press UOM:		**Cont2 Capacity UOM:**	
C1 Valve/Device Fail?:	No	**Cont2 Pkg Amount:**	0
C1 Device Type:		**Cont2 Pkg Amt UOM:**	
C1 Device Mnfctr:		**Cont2 Pkg No:**	0
C1 Device Model:		**Cont2 Pkg No Failed:**	0
NRC No:			

RAM Pkg Category:		**Haz NonHosp Public:**	0
RAM Pkg Cert.:	FALSE	**Haz NonHosp Old:**	
RAM Pkg Cert. NBR:		**Tot Haz Non Hosp Inj:**	
RAM Nuclide S:		**Total Hazmat Injuries:**	0
RAM Transport Index:		**Evacuation Indicator:**	No
RAM UOM:		**Public Evacuated:**	0
RAM Activity Rpted:	0	**Employees Evac:**	0
RAM UOM Rpted:		**Total Evacuated:**	0
RAM Activity:	0	**Total Evacuation Hrs:**	0
RAM Activity UOM:		**Major Artery Closed:**	No
RAM Mat Safety:		**Mjr Artery Hrs Closed:**	0
Spillage Result:	Yes	**Material Involved:**	No
Fire Result:	No	**Estimated Speed:**	0
Explosion Result:	No	**Weather Conditions:**	
Water Sewer Result:	No	**Vehicle Overturn:**	No
Gas Dispersion:	No	**Vehicle Left Roadway:**	No
Environment Damage:	No	**Passenger Aircraft:**	No
No Release Result:	No	**Cargo Baggage:**	
Fire EMS Report:	No	**Ship Non Transport:**	No
Fire EMS EMS Report:		**Ship Air First Flight:**	No
Police Report:	No	**Ship Air Subflight:**	No
Police Report No:		**Ship Init Transport:**	No
In House Cleanup:	Yes	**Ship Phase Transfer:**	No
Other Cleanup:	No	**Contact Name:**	PAM KOEHLER
Damage > 500:	No	**Contact Title:**	SRLAIMS AJUSTER
Material Loss:	0	**Contact Business:**	QUALITY CARRIERS INC
Carrier Damage:	0	**Contact Street:**	4041 PARK OAKS BLVD SUITE 200
Property Damage:	0	**Contact City:**	Tampa
Response Cost:	0	**Contact State:**	FL
Remediation Cost:	0	**Contact Postal:**	33610
Damage Old Form:	0	**Contact Non US St:**	
Total Damages Amt:	0	**Contact Country:**	US
Hazmat Fatality:	No	**Inc. Report Prepared:**	Carrier
Haz Fatal Employees:	0	**HMIS Serious Incidnt:**	No
Haz Fatal Respndrs:	0	**HMIS Serious Fatality:**	No
Haz Fatal Gen Public:	0	**HMIS Serious Injury:**	No
Tot Hazmat Fatalities:	0	**HMIS Flight Plan:**	No

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Non Hazmat Fatality:	No	**HMIS Serious Evacs:**	No
Non Hazmat Fatals:	0	**HMIS Major Artery:**	No
Hazmat Injury:	No	**HMIS Bulk Release:**	No
Haz Hospital Empl:	0	**HMIS Marine Pollutnt:**	No
Haz Hospital Resp:	0	**HMIS Radioactive:**	No
Haz Hosp Gen Public:	0	**HMIS Gen Pkg Type:**	TANK
Haz Hosp Old Form:	0	**HMIS Container Code:**	MC307
Total Haz Hosp Inj:	0	**HMIS Container Desc:**	Cargo tanks
Haz Non Hosp Empl:	0	**HMIS Bulk Incident:**	Yes
Haz Non Hosp Resp:	0	**Undeclared Shipment:**	No

Description of Events: Carrier tank at Consignee for delivery. Tanker began to leak product from internal valve flange approx 1 drop every few minutes. Consignee put bucket under the drip to contain. Consignee was able to complete off-loading of product. Once Carrier tank empty, Carrier had mechanic come out to inspect/repair. 2 loose internal valve flange bolts were discovered. Mechanic tightened the flange bolts. Event 41480

Recommend Actions Taken: NO DESCRIPTION INCLUDED.

8	21 of 25	S	0.10 / 502.87	142.14 / 0	5501 E SLAUSON LOS ANGELES CA	HMIRS

Incident County: LOS ANGELES

HMIR Incident Reports

Report No:	I-2015080376	**Fed DOT Agency Nm:**	
Report Type:	A hazardous material incident	**Fed DOT Report No:**	
Date of Incident:	2015-07-22	**Report Submit Src:**	Paper
Time of Incident:	1015	**Inc Multiple Rows:**	No
Haz Class Code:		**Inc Non US State:**	
Hazardous Class:	3	**Mode Transport:**	Highway
Commodity Short Nm:	BUTYL ACRYLATES, STABILI	**Transport Phase:**	Unloading
Commodity Long Nm:	BUTYL ACRYLATES, STABILIZED	**Incident Occrrnce:**	
Trade Name:		**Mat Ship Approval?:**	No
ID No:	UN2348	**Mat Ship Approv No:**	
Haz Waste Ind:	No	**Undecl Hazmat Ship?:**	No
Haz Waste EPA No:		**Packaging Type:**	Cargo Tank Motor Vehicle (CTMV)
HMIS Tox Inhalation?:	No	**Packing Group:**	III
TIH Hazard Zone:		**Carrier Reporter:**	QUALITY CARRIERS, INC.
Qty Released:	0.0625	**CR Street Name:**	4041 PARK OAKS BLVD # 200
Unit of Measure:	Liquid - Gallon	**CR City:**	TAMPA
What Failed:	121	**CR State:**	FL
What Failed Desc:	Gasket	**CR Postal Code:**	33610-9531
How Failed Code:	306	**CR Non US State:**	
How Failed Desc:	Failed to Operate	**CR Fed DOT ID:**	76600
Failure Cause Code:	510	**CR Hazmat Reg ID:**	050814550050WX
Failure Cause Desc:	Deterioration or Aging	**CR Country:**	US
Ident. Markings:	MC 307	**Shipper Name:**	ROHM AND HAAS COMPANY
Cont1 Pkging Type:		**Shipper Street Name:**	1900 TIDAL ROAD
Cont1 Const Mat:		**Shipper City:**	DEER PARK
Cont1 Head Type:		**Shipper State:**	TX
Cont1 Pkg Capacity:	6505	**Shipper Postal:**	77536
C1 Capacity UOM:	LGA	**Shipper Non US St:**	
Cont1 Pkg Amt:	5472.375	**Shipper Country:**	US
C1 Pkg Amt UOM:	LGA	**Shipper Waybill:**	0025627949
Cont1 Pkg No:	1	**Ship Hazmat Reg ID:**	
C1 Pkg NO Failed:	1	**Origin City:**	
Cont1 Pkg Mnfctr:	BULK EQUIPMENT MFG, INC	**Origin State:**	
Cont1 Pkg Mnfct Dt:	1995-07-01 00:00:00	**Origin Postal:**	
Cont1 Pkg Serial NO:	1B9TS61B2S129534	**Origin Non US St:**	
C1 Pkg Last Test Dt:	2015-06-01 00:00:00	**Origin Country:**	US
C1 Test Const Mat:		**Destination City:**	LOS ANGELES
C1 Pkg Dsign Pres.:	25	**Destination State:**	CALIFORNIA
C1 Dsign Press UOM:	PSI	**Destination Postal:**	90040
C1 Pkg Shell Thick:	0.135	**Destination Non US:**	
C1 Shell Thick UOM:	INCH	**Destination Country:**	US
C1 Head Thickness:	0.135	**Cont2 Package Type:**	
C1 Head Thick UOM:	INCH	**Cont2 Const Mat:**	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

C1 Pkg Srvc Pres.:	0	Cont2 Pkg Capacity:	0
C1 Srvc Press UOM:		Cont2 Capacity UOM:	
C1 Valve/Device Fail?:	No	Cont2 Pkg Amount:	0
C1 Device Type:		Cont2 Pkg Amt UOM:	
C1 Device Mnfctr:		Cont2 Pkg No:	0
C1 Device Model:		Cont2 Pkg No Failed:	0
NRC No:			
RAM Pkg Category:		Haz NonHosp Public:	0
RAM Pkg Cert.:	FALSE	Haz NonHosp Old:	
RAM Pkg Cert. NBR:		Tot Haz Non Hosp Inj:	
RAM Nuclide S:		Total Hazmat Injuries:	1
RAM Transport Index:		Evacuation Indicator:	No
RAM UOM:		Public Evacuated:	0
RAM Activity Rpted:	0	Employees Evac:	0
RAM UOM Rpted:		Total Evacuated:	0
RAM Activity:	0	Total Evacuation Hrs:	0
RAM Activity UOM:		Major Artery Closed:	No
RAM Mat Safety:		Mjr Artery Hrs Closed:	0
Spillage Result:	Yes	Material Involved:	No
Fire Result:	No	Estimated Speed:	0
Explosion Result:	No	Weather Conditions:	
Water Sewer Result:	No	Vehicle Overturn:	No
Gas Dispersion:	No	Vehicle Left Roadway:	No
Environment Damage:	No	Passenger Aircraft:	No
No Release Result:	No	Cargo Baggage:	
Fire EMS Report:	No	Ship Non Transport:	No
Fire EMS EMS Report:		Ship Air First Flight:	No
Police Report:	No	Ship Air Subflight:	No
Police Report No:		Ship Init Transport:	No
In House Cleanup:	Yes	Ship Phase Transfer:	No
Other Cleanup:	No	Contact Name:	ANGELA METZER
Damage > 500:	No	Contact Title:	CALL CENTER CLAIMS SPECIALIST
Material Loss:	0	Contact Business:	Quality Carriers, Inc.
Carrier Damage:	0	Contact Street:	4041 Park Oaks BLVD. STE 200
Property Damage:	0	Contact City:	Tampa
Response Cost:	0	Contact State:	FL
Remediation Cost:	0	Contact Postal:	33610
Damage Old Form:	0	Contact Non US St:	
Total Damages Amt:	0	Contact Country:	US
Hazmat Fatality:	No	Inc. Report Prepared:	Carrier
Haz Fatal Employees:	0	HMIS Serious Incidnt:	No
Haz Fatal Respndrs:	0	HMIS Serious Fatality:	No
Haz Fatal Gen Public:	0	HMIS Serious Injury:	No
Tot Hazmat Fatalities:	0	HMIS Flight Plan:	No
Non Hazmat Fatality:	No	HMIS Serious Evacs:	No
Non Hazmat Fatals:	0	HMIS Major Artery:	No
Hazmat Injury:	Yes	HMIS Bulk Release:	No
Haz Hospital Empl:	0	HMIS Marine Pollutnt:	No
Haz Hospital Resp:	0	HMIS Radioactive:	No
Haz Hosp Gen Public:	0	HMIS Gen Pkg Type:	TANK
Haz Hosp Old Form:	0	HMIS Container Code:	MC307
Total Haz Hosp Inj:	0	HMIS Container Desc:	Cargo tanks
Haz Non Hosp Empl:	1	HMIS Bulk Incident:	Yes
Haz Non Hosp Resp:	0	Undeclared Shipment:	No

Description of Events: CARRIER AT CONSIGNEE LOCATION TO OFFLOAD. CONSIGNEE OPENED THE EXTERNAL VALVE ON CARRIER'S TRAILER TO OBTAIN A SAMPLE, 1 CUP OF PRODUCT SPILLED OUT, SPLASHING THE CONSIGNEE EMPLOYEE'S ARM AND IMPACTING THE BELOW ASPHALT GROUND. CONSIGNEE EMPLOYEE RECEIVED ON SITE FIRST AID. PRODUCT THAT IMPACTED THE GROUND WAS CLEANED BY CONSIGNEE. OFFLOADING WAS POSTPONED. CARRIER MECHANIC INSPECTED THE TRAILER VALVES AND FOUND THE HEAD GASKET ON THE INTERNAL VALVE TO BE FAULTY. THE GASKET WAS REPLACED. PRODUCT WAS DELIVERED TO THE CUSTOMER WITH NO FURTHER ISSUES. EVENT # 47196

Recommend Actions Taken: NO COMMENTS PROVIDED

8	22 of 25	S	0.10 / 502.87	142.14 / 0	ENGINEERED POLYMER SOLUTIONS INC 5501 EAST SLAUSON AVENUE LOS ANGELES CA 90040	RCRA NON GEN

EPA Handler ID:	CAP000147843
Gen Status Universe:	No Report
Contact Name:	TERRI W FAIR
Contact Address:	ASHLAND EHS DEPT , 5200 BLAZER PARKWAY , DUBLIN , OH, 43017 , US
Contact Phone No and Ext:	614-790-3826
Contact Email:	
Contact Country:	US
County Name:	LOS ANGELES
EPA Region:	09
Land Type:	Private
Receive Date:	20030904
Location Latitude:	
Location Longitude:	

Violation/Evaluation Summary

Note:	NO RECORDS: As of Nov 2021, 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:	20030904
Handler Name:	ENGINEERED POLYMER SOLUTIONS INC
Source Type:	Implementer
Federal Waste Generator Code:	N
Generator Code Description:	Not a Generator, Verified

Hazardous Waste Handler Details

Sequence No:	1
Receive Date:	20030904
Handler Name:	ENGINEERED POLYMER SOLUTIONS INC
Source Type:	Temporary
Federal Waste Generator Code:	1
Generator Code Description:	Large Quantity Generator

Waste Code Details

Hazardous Waste Code:	D001
Waste Code Description:	IGNITABLE WASTE

Owner/Operator Details

Owner/Operator Ind:	Current Operator	**Street No:**	
Type:	Private	**Street 1:**	
Name:	ENGINEERED POLYMER SOLUTIONS	**Street 2:**	
Date Became Current:	20030826	**City:**	
Date Ended Current:		**State:**	
Phone:		**Country:**	
Source Type:	Implementer	**Zip Code:**	

Owner/Operator Ind:	Current Owner	**Street No:**	
Type:	Private	**Street 1:**	
Name:	ENGINEERED POLYMER SOLUTIONS	**Street 2:**	
Date Became Current:	20030826	**City:**	
Date Ended Current:		**State:**	
Phone:		**Country:**	
Source Type:	Implementer	**Zip Code:**	

Owner/Operator Ind:	Current Operator	**Street No:**	
Type:	Private	**Street 1:**	
Name:	ENGINEERED POLYMER SOLUTIONS	**Street 2:**	
Date Became Current:	20030826	**City:**	
Date Ended Current:		**State:**	
Phone:		**Country:**	
Source Type:	Temporary	**Zip Code:**	

Owner/Operator Ind:	Current Owner	**Street No:**	
Type:	Private	**Street 1:**	
Name:	ENGINEERED POLYMER SOLUTIONS	**Street 2:**	
Date Became Current:	20030826	**City:**	
Date Ended Current:		**State:**	
Phone:		**Country:**	
Source Type:	Temporary	**Zip Code:**	

Historical Handler Details

Receive Dt:	20030904
Generator Code Description:	Large Quantity Generator
Handler Name:	ENGINEERED POLYMER SOLUTIONS INC

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
8	23 of 25	S	0.10 / 502.87	142.14 / 0	ENGINEERED POLYMER SOLUTIONS - LOS ANGELES 5501 EAST SLAUSOM AVENUE LOS ANGELES CA 90040	TSCA

Site County:
Zip 2:

2002 Site Details

CBI Chem ID:	N	**SiteI:**	N
CBI Comp ID:	N	**CBI Site L:**	N
CAS Access:	67701080	**CBI PLNT SIT:**	N
C Or A:	C	**LERR Code:**	
MFGIMP:	I	**Hold Flag:**	
CBI MFGIMP:	N		
Comp Name:	VALSPAR CORPORATION		
Chem Name:	Fatty acids, C16-18 and C18-unsatd.		
Lcomments:			

CBI Chem ID:	N	**SiteI:**	N
CBI Comp ID:	N	**CBI Site L:**	N
CAS Access:	115775	**CBI PLNT SIT:**	N
C Or A:	C	**LERR Code:**	
MFGIMP:	I	**Hold Flag:**	
CBI MFGIMP:	N		
Comp Name:	VALSPAR CORPORATION		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Chem Name:	1,3-Propanediol, 2,2-bis(hydroxymethyl)-					
Lcomments:						

8	24 of 25	S	0.10 / 502.87	142.14 / 0	**MC WHORTER INC** **5501 E SLAUSON AVE** **CITY OF COMMERCE CA**	UST SWEEPS

C C:	I19-000-3530	**D Filename:**	NSITE3
BOE:	44-007733	**Page No:**	104
Comp:	3530	**County:**	LOS ANGELES
Status:	INACTIVE	**State :**	CA
No of Tanks:	16	**Zip:**	90040
Jurisdict:	LOS ANGELES COUNTY	**Latitude:**	33.986527
Agency:	WASTE MANAGEMENT DEPARTMENT	**Longitude:**	-118.165918
Phone:	(213) 726-7272	**Georesult:**	S5HPNTSCZA

Tank Details

Tank ID:	000015	**S Contain:**	NONE
O Tank ID:		**Stg:**	
SWRCB No:	19-000-003530-000015	**Storage :**	PRODUCT
Removed:		**Storag Type:**	PRODUCT
Installed:	01-01-70	**P Contain:**	BARE STEEL
A Date:		**Content:**	
Capac:	10000	**ONA:**	
Tank Use:	PETROLEUM	**D File Name:**	NTANK3

Tank Details

Tank ID:	000001	**S Contain:**	NONE
O Tank ID:		**Stg:**	
SWRCB No:	19-000-003530-000001	**Storage :**	PRODUCT
Removed:		**Storag Type:**	PRODUCT
Installed:	01-01-57	**P Contain:**	BARE STEEL
A Date:		**Content:**	
Capac:	10000	**ONA:**	
Tank Use:	CHEMICAL	**D File Name:**	NTANK3

Tank Details

Tank ID:	000007	**S Contain:**	NONE
O Tank ID:		**Stg:**	
SWRCB No:	19-000-003530-000007	**Storage :**	PRODUCT
Removed:		**Storag Type:**	PRODUCT
Installed:	01-01-57	**P Contain:**	BARE STEEL
A Date:		**Content:**	
Capac:	6000	**ONA:**	
Tank Use:	CHEMICAL	**D File Name:**	NTANK3

Tank Details

Tank ID:	000013	**S Contain:**	NONE
O Tank ID:		**Stg:**	
SWRCB No:	19-000-003530-000013	**Storage :**	PRODUCT
Removed:		**Storag Type:**	PRODUCT
Installed:	01-01-70	**P Contain:**	BARE STEEL
A Date:		**Content:**	
Capac:	5000	**ONA:**	
Tank Use:	CHEMICAL	**D File Name:**	NTANK3

Tank Details

Tank ID:	000004	**S Contain:**	NONE
O Tank ID:		**Stg:**	
SWRCB No:	19-000-003530-000004	**Storage :**	PRODUCT
Removed:		**Storag Type:**	PRODUCT
Installed:	01-01-57	**P Contain:**	BARE STEEL
A Date:		**Content:**	
Capac:	6000	**ONA:**	
Tank Use:	PETROLEUM	**D File Name:**	NTANK3

Tank Details

Tank ID:	000014	**S Contain:**	NONE
O Tank ID:		**Stg:**	
SWRCB No:	19-000-003530-000014	**Storage :**	PRODUCT
Removed:		**Storag Type:**	PRODUCT
Installed:	01-01-70	**P Contain:**	BARE STEEL
A Date:		**Content:**	
Capac:	5000	**ONA:**	
Tank Use:	PETROLEUM	**D File Name:**	NTANK3

Tank Details

Tank ID:	000019	**S Contain:**	NONE
O Tank ID:		**Stg:**	
SWRCB No:	19-000-003530-000019	**Storage :**	PRODUCT
Removed:		**Storag Type:**	PRODUCT
Installed:	01-01-60	**P Contain:**	BARE STEEL
A Date:		**Content:**	
Capac:	11800	**ONA:**	
Tank Use:	PETROLEUM	**D File Name:**	NTANK3

Tank Details

Tank ID:	000006	**S Contain:**	NONE
O Tank ID:		**Stg:**	
SWRCB No:	19-000-003530-000006	**Storage :**	PRODUCT
Removed:		**Storag Type:**	PRODUCT
Installed:	01-01-57	**P Contain:**	BARE STEEL
A Date:		**Content:**	
Capac:	6000	**ONA:**	
Tank Use:	PETROLEUM	**D File Name:**	NTANK3

Tank Details

Tank ID:	000005	**S Contain:**	NONE
O Tank ID:		**Stg:**	
SWRCB No:	19-000-003530-000005	**Storage :**	PRODUCT
Removed:		**Storag Type:**	PRODUCT
Installed:	01-01-57	**P Contain:**	BARE STEEL
A Date:		**Content:**	
Capac:	6000	**ONA:**	
Tank Use:	PETROLEUM	**D File Name:**	NTANK3

Tank Details

Tank ID:	000012	**S Contain:**	NONE
O Tank ID:		**Stg:**	
SWRCB No:	19-000-003530-000012	**Storage :**	PRODUCT
Removed:		**Storag Type:**	PRODUCT
Installed:	01-01-70	**P Contain:**	BARE STEEL
A Date:		**Content:**	
Capac:	5000	**ONA:**	
Tank Use:	CHEMICAL	**D File Name:**	NTANK3

Tank Details

Tank ID:	000018	***S Contain:***	NONE
O Tank ID:		***Stg:***	
SWRCB No:	19-000-003530-000018	***Storage :***	PRODUCT
Removed:		***Storag Type:***	PRODUCT
Installed:	01-01-60	***P Contain:***	BARE STEEL
A Date:		***Content:***	
Capac:	11800	***ONA:***	
Tank Use:	CHEMICAL	***D File Name:***	NTANK3

Tank Details

Tank ID:	000010	***S Contain:***	NONE
O Tank ID:		***Stg:***	
SWRCB No:	19-000-003530-000010	***Storage :***	PRODUCT
Removed:		***Storag Type:***	PRODUCT
Installed:	01-01-70	***P Contain:***	BARE STEEL
A Date:		***Content:***	
Capac:	20000	***ONA:***	
Tank Use:	PETROLEUM	***D File Name:***	NTANK3

Tank Details

Tank ID:	000008	***S Contain:***	NONE
O Tank ID:		***Stg:***	
SWRCB No:	19-000-003530-000008	***Storage :***	PRODUCT
Removed:		***Storag Type:***	PRODUCT
Installed:	01-01-57	***P Contain:***	BARE STEEL
A Date:		***Content:***	
Capac:	6000	***ONA:***	
Tank Use:	CHEMICAL	***D File Name:***	NTANK3

Tank Details

Tank ID:	000011	***S Contain:***	NONE
O Tank ID:		***Stg:***	
SWRCB No:	19-000-003530-000011	***Storage :***	PRODUCT
Removed:		***Storag Type:***	PRODUCT
Installed:	01-01-70	***P Contain:***	BARE STEEL
A Date:		***Content:***	
Capac:	5000	***ONA:***	
Tank Use:	PETROLEUM	***D File Name:***	NTANK3

Tank Details

Tank ID:	000016	***S Contain:***	NONE
O Tank ID:		***Stg:***	
SWRCB No:	19-000-003530-000016	***Storage :***	PRODUCT
Removed:		***Storag Type:***	PRODUCT
Installed:	01-01-60	***P Contain:***	BARE STEEL
A Date:		***Content:***	
Capac:	5100	***ONA:***	
Tank Use:	CHEMICAL	***D File Name:***	NTANK3

Tank Details

Tank ID:	000017	***S Contain:***	NONE
O Tank ID:		***Stg:***	
SWRCB No:	19-000-003530-000017	***Storage :***	PRODUCT
Removed:		***Storag Type:***	PRODUCT

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Installed:	01-01-60	**P Contain:**	BARE STEEL
A Date:		**Content:**	
Capac:	6200	**ONA:**	
Tank Use:	CHEMICAL	**D File Name:**	NTANK3

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8 | **25 of 25** | **S** | **0.10 / 502.87** | **142.14 / 0** | **MC WHORTER INC**
5501 E SLAUSON AVE
CITY OF COMMERCE CA | **UST SWEEPS**

C C:	A19-000-3530	**D Filename:**	SITE04A
BOE:	44-007733	**Page No:**	134
Comp:	3530	**County:**	LOS ANGELES
Status:	ACTIVE	**State :**	CA
No of Tanks:	3	**Zip:**	90040
Jurisdict:	LOS ANGELES COUNTY	**Latitude:**	33.986527
Agency:	WASTE MANAGEMENT DEPARTMENT	**Longitude:**	-118.165918
Phone:		**Georesult:**	S5HPNTSCZA

Tank Details

Tank ID:	000002	**S Contain:**	
O Tank ID:		**Stg:**	W
SWRCB No:	19-000-003530-000002	**Storage :**	
Removed:		**Storag Type:**	WASTE
Installed:		**P Contain:**	
A Date:	06-30-89	**Content:**	
Capac:		**ONA:**	
Tank Use:	UNKNOWN	**D File Name:**	TANK4A

Tank Details

Tank ID:	000003	**S Contain:**	
O Tank ID:		**Stg:**	W
SWRCB No:	19-000-003530-000003	**Storage :**	
Removed:		**Storag Type:**	WASTE
Installed:		**P Contain:**	
A Date:	06-30-89	**Content:**	
Capac:		**ONA:**	
Tank Use:	UNKNOWN	**D File Name:**	TANK4A

Tank Details

Tank ID:	000009	**S Contain:**	
O Tank ID:		**Stg:**	W
SWRCB No:	19-000-003530-000009	**Storage :**	
Removed:		**Storag Type:**	WASTE
Installed:		**P Contain:**	
A Date:	06-30-89	**Content:**	
Capac:		**ONA:**	
Tank Use:	UNKNOWN	**D File Name:**	TANK4A

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9 | **1 of 1** | **SSE** | **0.10 / 505.10** | **141.05 / -1** | **5545 E SLAUSON AVE**
COMMERCE CA 90040 | **HMS LA**

Site No:	001670
Area:	3V

Detail Info

Permit No:	000001036	**Permit Status Code:**	CLOS
Permit Cat Desc:	Industrial Waste Permit	**Permit Category:**	I
Status Code:	CLOS	**File No:**	I01745

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Status Desc: Permit Closed
File Name: GENERAL PIPE & SUPPLY CO
Permit Status Desc: Permit Closed
Permit Type: 00
Permit Type Desc: Open Industrial Waste Permit Record (historic)

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10 | **1 of 2** | **SSE** | **0.10 / 505.62** | **140.41 / -2** | **TUKATECH INC**
5527 E SLAUSON AVE A
LOS ANGELES CA 90040 | **CUPA**
LA COUNTY

Facility ID: FA0043534
CERS ID: 10303096

Inactive Facility Details

PE: 1002

PE: 3001

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10 | **2 of 2** | **SSE** | **0.10 / 505.62** | **140.41 / -2** | **SPRINT NXTL TUKATECH**
5527 E SLAUSON AVE
COMMERCE CA 90040 | **CUPA**
LA COUNTY

Facility ID: FA0038993
CERS ID: 0

Inactive Facility Details

PE: 3000

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11 | **1 of 1** | **SSE** | **0.10 / 505.66** | **140.41 / -2** | **5529 E SLAUSON AVE**
COMMERCE CA 90040 | **HMS LA**

Site No: 026873
Area: 3V

Detail Info

Permit No: 000425649
Permit Cat Desc: Industrial Waste Permit
Status Code: CLOS
Status Desc: Permit Closed
Permit Status Desc: Permit Closed
Permit Type: 01
Permit Type Desc: Operating Industrial Waste Permit - Local Sewer
Permit Status Code: CLOS
Permit Category: I
File No: 037485
File Name: JAZIA'S DESIGN

Detail Info

Permit No:
Permit Cat Desc:
Status Code: OPEN
Status Desc: File Opened, no permit exists
Permit Status Desc:
Permit Type:
Permit Type Desc:
Permit Status Code:
Permit Category:
File No: 058924
File Name: RICHARD PARKER LLC DESIGNS

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12 | **1 of 1** | **SSE** | **0.10 / 505.70** | **140.41 / -2** | **5531 E SLAUSON AVE**
COMMERCE CA 90040 | **HMS LA**

Site No: 008344

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Area: 3V

Detail Info

Permit No: 00012309J
Permit Cat Desc: Industrial Waste Permit
Status Code: CLOS
Status Desc: Permit Closed
Permit Status Desc: Permit Closed
Permit Type: 01
Permit Type Desc: Operating Industrial Waste Permit - Local Sewer
Permit Status Code: CLOS
Permit Category: I
File No: I08906
File Name: HILL-ROM

13	1 of 5	SE	0.10 / 515.32	140.41 / -2	F AND D METALS 5555 E SLAUSON AVE COMMERCE CA 90040	RCRA NON GEN

EPA Handler ID: CAD983582446
Gen Status Universe: No Report
Contact Name: DON BEITZ
Contact Address: 5555 E SLAUSON AVE , , COMMERCE , CA, 90040 , US
Contact Phone No and Ext: 213-726-6783
Contact Email:
Contact Country: US
County Name: LOS ANGELES
EPA Region: 09
Land Type:
Receive Date: 19921016
Location Latitude:
Location Longitude:

Violation/Evaluation Summary

Note: NO RECORDS: As of Nov 2021, 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: 19921016
Handler Name: F AND D METALS
Source Type: Notification
Federal Waste Generator Code: N
Generator Code Description: Not a Generator, Verified

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:	Private	***Street 1:***	NOT REQUIRED
Name:	MARVIN HUSETH	***Street 2:***	
Date Became Current:		***City:***	NOT REQUIRED
Date Ended Current:		***State:***	ME
Phone:	415-555-1212	***Country:***	
Source Type:	Notification	***Zip Code:***	99999

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:	Notification	***Zip Code:***	99999

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
13	*2 of 5*	*SE*	*0.10 / 515.32*	*140.41 / -2*	***FORMER MACE METAL SALES INC 5555 E SLAUSON AVE COMMERCE CA 90040***	***SML LA***

Site ID:	SD0000521
Case ID:	RO0001521
Status:	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
13	*3 of 5*	*SE*	*0.10 / 515.32*	*140.41 / -2*	***5555 E SLAUSON AVE COMMERCE CA 90040***	***HMS LA***

Site No:	001669
Area:	3V

Detail Info

Permit No:	000731863	***Permit Status Code:***	REM
Permit Cat Desc:	Underground Storage Tank	***Permit Category:***	T
Status Code:	REM	***File No:***	001744
Status Desc:	Equipment Removed	***File Name:***	LAKE SHORE PRODUCTS
Permit Status Desc:	Equipment Removed		
Permit Type:	1		
Permit Type Desc:	Underground Storage Tank Interim Permit		

Detail Info

Permit No:		***Permit Status Code:***	
Permit Cat Desc:		***Permit Category:***	
Status Code:	OPEN	***File No:***	I01744
Status Desc:	File Opened, no permit exists	***File Name:***	LAKE SHORE PRODUCTS
Permit Status Desc:			
Permit Type:			
Permit Type Desc:			

Detail Info

Permit No:	000834019	***Permit Status Code:***	PERM
Permit Cat Desc:	Industrial Waste Permit	***Permit Category:***	I
Status Code:	PERM	***File No:***	061997
Status Desc:	Equipment Permitted	***File Name:***	IPT COMMERCE IC LP
Permit Status Desc:	Equipment Permitted		
Permit Type:	S4		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Permit Type Desc: Operating Industrial Waste Permit - Stormwater BMPs

Detail Info

Permit No:
Permit Cat Desc:
Status Code: OPEN
Status Desc: File Opened, no permit exists
Permit Status Desc:
Permit Type:
Permit Type Desc:
Permit Status Code:
Permit Category:
File No: 061072
File Name: SAMSUNG C&T

Detail Info

Permit No: 000819812
Permit Cat Desc: Industrial Waste Permit
Status Code: CLOS
Status Desc: Permit Closed
Permit Status Desc: Permit Closed
Permit Type: S4
Permit Type Desc: Operating Industrial Waste Permit - Stormwater BMPs
Permit Status Code: CLOS
Permit Category: I
File No: 059635
File Name: 5545 SLAUSON XC LLC

13	4 of 5	SE	0.10 / 515.32	140.41 / -2	MACE METAL SALES INC 5555 E SLAUSON AVE LOS ANGELES CA 90040	CUPA LA COUNTY

Facility ID: FA0025101
CERS ID: 0

Inactive Facility Details

PE: 3003

PE: 1001

13	5 of 5	SE	0.10 / 515.32	140.41 / -2	LAKE SHORE PRODUCTS 5555 E SLAUSON AVE COMMERCE CA	UST SWEEPS

C C: A19-000-1744
BOE:
Comp: 1744
Status: ACTIVE
No of Tanks:
Jurisdict: LOS ANGELES COUNTY
Agency: WASTE MANAGEMENT DEPARTMENT
Phone:
D Filename: SITE04A
Page No: 156
County: LOS ANGELES
State : CA
Zip:
Latitude: 33.986414
Longitude: -118.164911
Georesult: S5HPNTS--A

14	1 of 2	SSW	0.10 / 520.66	142.41 / 0	5428 E SLAUSON AVE COMMERCE CA 90040	HMS LA

Site No: 014883
Area: 3V

Detail Info

Permit No:
Permit Cat Desc:
Status Code: OPEN
Status Desc: File Opened, no permit exists
Permit Status Desc:
Permit Status Code:
Permit Category:
File No: 015679
File Name: PARIS ACE BEAUTY SUPPLY

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Permit Type:						
Permit Type Desc:						
14	2 of 2	SSW	0.10 / 520.66	142.41 / 0	BEAUTY DISTRIBUTION CO 5428 E SLAUSON AVE COMMERCE CA 90040	CUPA LA COUNTY
Facility ID:		FA0025197				
CERS ID:		0				
Inactive Facility Details						
PE:		3001				
15	1 of 4	SSW	0.10 / 521.50	142.41 / 0	5424 E SLAUSON AVE COMMERCE CA 90040	HMS LA
Site No:		005188				
Area:		3V				
Detail Info						
Permit No:				**Permit Status Code:**		
Permit Cat Desc:				**Permit Category:**		
Status Code:		OPEN		**File No:**	005387	
Status Desc:		File Opened, no permit exists		**File Name:**	LTV STEEL CO	
Permit Status Desc:						
Permit Type:						
Permit Type Desc:						
Detail Info						
Permit No:		000011789		**Permit Status Code:**	REM	
Permit Cat Desc:		Industrial Waste Permit		**Permit Category:**	I	
Status Code:		REM		**File No:**	I05387	
Status Desc:		Equipment Removed		**File Name:**	CHAMPION PRODUCTS	
Permit Status Desc:		Equipment Removed				
Permit Type:		01				
Permit Type Desc:		Operating Industrial Waste Permit - Local Sewer				
15	2 of 4	SSW	0.10 / 521.50	142.41 / 0	ELITE LIGHTING, INC 5424 E SLAUSON AVE COMMERCE CA 90040	EMISSIONS
2016 Toxic Data						
Facility ID:		183630		**TS:**		
Facility SIC Code:		3648		**HRA:**		
CERR CODE:				**CH Index:**		
COID:		LA		**AH Index:**		
CO:		19		**Air Basin:**	SC	
DISN:		SOUTH COAST AQMD		**District:**	SC	
CHAPIS:						
15	3 of 4	SSW	0.10 / 521.50	142.41 / 0	ELITE LIGHTING 5424 E SLAUSON AVE G COMMERCE CA 90040	CUPA LA COUNTY
Facility ID:		FA0043536				

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
CERS ID:		0				

Inactive Facility Details

PE:	3000

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
15	4 of 4	SSW	0.10 / 521.50	142.41 / 0	CHAMPION PRODUCTS INK 5424 E SLAUSON AVE COMMERCE CA 90040	CUPA LA COUNTY

Facility ID:	FA0025198
CERS ID:	0

Inactive Facility Details

PE:	3001

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
16	1 of 6	SE	0.10 / 528.47	140.41 / -2	RUSSELL PROPERTY ~5500 E SLAUSON AVE COMMERCE CA 90040	SML LA

Site ID:	SD0010576
Case ID:	RO0000526
Status:	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
16	2 of 6	SE	0.10 / 528.47	140.41 / -2	RUSSELL PROPERTY 5500 E SLAUSON AVE COMMERCE CA 90040	SML LA

Site ID:	SD0000133
Case ID:	RO0000139
Status:	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
16	3 of 6	SE	0.10 / 528.47	140.41 / -2	5500 E SLAUSON AVE COMMERCE CA 90040	HMS LA

Site No:	013062
Area:	3V

Detail Info

Permit No:		**Permit Status Code:**	
Permit Cat Desc:		**Permit Category:**	
Status Code:	REM	**File No:**	013330
Status Desc:	Equipment Removed	**File Name:**	AMAN BROS
Permit Status Desc:			
Permit Type:			
Permit Type Desc:			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
16	4 of 6	SE	0.10 / 528.47	140.41 / -2	CARRINI INC 5500 E SLAUSON AVE COMMERCE CA 90040	DELISTED HAZ

Siteid:	389412
Latitude:	33.985394
Longitude:	-118.166313
Original Source:	CHAZ
Record Date:	09-JUL-2018

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
16	5 of 6	SE	0.10 / 528.47	140.41 / -2	ALSWEST COAST LOGISTICS 5500 E SLAUSON AVE COMMERCE CA 90040	CUPA LA COUNTY

Facility ID: FA0044023
CERS ID: 10292491

Inactive Facility Details

PE: 3002

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
16	6 of 6	SE	0.10 / 528.47	140.41 / -2	AMAN BROS 5500 E SLAUSON AVE COMMERCE CA	UST SWEEPS

C C: A19-000-13330
BOE:
Comp: 13330
Status: ACTIVE
No of Tanks:
Jurisdict: LOS ANGELES COUNTY
Agency: WASTE MANAGEMENT DEPARTMENT
Phone:

D Filename: SITE04A
Page No: 155
County: LOS ANGELES
State : CA
Zip:
Latitude: 33.986325
Longitude: -118.165921
Georesult: S5HPNTS--A

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
17	1 of 1	SSW	0.10 / 530.53	142.41 / 0	REPUBLIC STL UNION DRAWN DIV LA 5424 EAST SLAUSON AVE LOS ANGELES CA 90040	RCRA SQG

EPA Handler ID: CAD094436011
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: 33.985098
Location Longitude: -118.167629

Violation/Evaluation Summary

Note: NO RECORDS: As of Nov 2021, 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: 19800818
Handler Name: REPUBLIC STL UNION DRAWN DIV LA
Federal Waste Generator Code: 1
Generator Code Description: Large Quantity Generator
Source Type: Notification

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 19960901
Handler Name: REPUBLIC STL UNION DRAWN DIV LA
Federal Waste Generator Code: 2
Generator Code Description: Small Quantity Generator
Source Type: Implementer

Owner/Operator Details

Owner/Operator Ind: Current Owner
Type: Private
Name: REPUBLIC STEEL CORPORATION
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: Implementer
Street No:
Street 1: NOT REQUIRED
Street 2:
City: NOT REQUIRED
State: ME
Country:
Zip Code: 99999

Historical Handler Details

Receive Dt: 19800818
Generator Code Description: Large Quantity Generator
Handler Name: REPUBLIC STL UNION DRAWN DIV LA

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
18	1 of 2	SE	0.10 / 532.19	140.41 / -2	5560 E SLAUSON LOS ANGELES CA	HMIRS

Incident County: LOS ANGELES

HMIR Historical Reports

Report No: I-2002010933
Report Type: A hazardous material incident
Date of Incident: 12/12/2001
Time of Incident: 0830
Haz Class Code: 3
Hazardous Class: FLAMMABLE - COMBUSTIBLE LIQUID
Commodity Short Nm: DIESEL FUEL
Fed DOT Agency Nm:
Fed DOT Report No:
Report Submit Src: Paper
Inc Multiple Rows: No
Inc Non US State:
Mode Transport: Highway
Transport Phase: UNLOADING

Commodity Long Nm:	DIESEL FUEL	**Incident Occrrnce:**	
Trade Name:	DIESEL #2	**Mat Ship Approval?:**	No
ID No:	NA1993	**Mat Ship Approv No:**	
Haz Waste Ind:	No	**Undecl Hazmat Ship?:**	No
Haz Waste EPA No:		**Packaging Type:**	Portable Tank
HMIS Tox Inhalation?:	No	**Packing Group:**	
TIH Hazard Zone:		**Carrier Reporter:**	ADVANCED MOBIL FUELS
Qty Released:	60	**CR Street Name:**	1903 N DURFEE AVE
Unit of Measure:	Liquid - Gallon	**CR City:**	EL MONTE
What Failed:	125; 135	**CR State:**	CA
What Failed Desc:	Hose; Loading or Unloading Lines	**CR Postal Code:**	N/A
How Failed Code:	303;	**CR Non US State:**	
How Failed Desc:	Burst or Ruptured;	**CR Fed DOT ID:**	671383
Failure Cause Code:	;	**CR Hazmat Reg ID:**	
Failure Cause Desc:	;	**CR Country:**	US
Ident. Markings:		**Shipper Name:**	ADVANCED MOBIL FUELS
Cont1 Pkging Type:		**Shipper Street Name:**	1903 N DURFEE AVE
Cont1 Const Mat:		**Shipper City:**	EL MONTE
Cont1 Head Type:		**Shipper State:**	CA
Cont1 Pkg Capacity:	3400	**Shipper Postal:**	N/A
C1 Capacity UOM:	LGA	**Shipper Non US St:**	
Cont1 Pkg Amt:		**Shipper Country:**	US
C1 Pkg Amt UOM:		**Shipper Waybill:**	915785
Cont1 Pkg No:	1	**Ship Hazmat Reg ID:**	
C1 Pkg NO Failed:	1	**Origin City:**	MONTEBELLO
Cont1 Pkg Mnfctr:	NOT REPORTED BY CARRIER	**Origin State:**	CALIFORNIA
Cont1 Pkg Mnfct Dt:		**Origin Postal:**	
Cont1 Pkg Serial NO:		**Origin Non US St:**	
C1 Pkg Last Test Dt:		**Origin Country:**	US
C1 Test Const Mat:		**Destination City:**	LOS ANGELES
C1 Pkg Dsign Pres.:		**Destination State:**	CALIFORNIA
C1 Dsign Press UOM:		**Destination Postal:**	
C1 Pkg Shell Thick:		**Destination Non US:**	
C1 Shell Thick UOM:		**Destination Country:**	US
C1 Head Thickness:		**Cont2 Package Type:**	
C1 Head Thick UOM:		**Cont2 Const Mat:**	
C1 Pkg Srvc Pres.:		**Cont2 Pkg Capacity:**	
C1 Srvc Press UOM:		**Cont2 Capacity UOM:**	
C1 Valve/Device Fail?:	No	**Cont2 Pkg Amount:**	
C1 Device Type:		**Cont2 Pkg Amt UOM:**	
C1 Device Mnfctr:		**Cont2 Pkg No:**	
C1 Device Model:		**Cont2 Pkg No Failed:**	
NRC No:	588506		

RAM Pkg Category:		**Haz NonHosp Public:**	0
RAM Pkg Cert.:	FALSE	**Haz NonHosp Old:**	0
RAM Pkg Cert. NBR:		**Tot Haz Non Hosp Inj:**	0
RAM Nuclide S:		**Total Hazmat Injuries:**	0
RAM Transport Index:		**Evacuation Indicator:**	No
RAM UOM:		**Public Evacuated:**	0
RAM Activity Rpted:		**Employees Evac:**	0
RAM UOM Rpted:		**Total Evacuated:**	0
RAM Activity:		**Total Evacuation Hrs:**	0
RAM Activity UOM:		**Major Artery Closed:**	No
RAM Mat Safety:		**Mjr Artery Hrs Closed:**	0
Spillage Result:	Yes	**Material Involved:**	No
Fire Result:	No	**Estimated Speed:**	2
Explosion Result:	No	**Weather Conditions:**	
Water Sewer Result:	No	**Vehicle Overturn:**	No
Gas Dispersion:	No	**Vehicle Left Roadway:**	No
Environment Damage:	No	**Passenger Aircraft:**	No
No Release Result:	No	**Cargo Baggage:**	
Fire EMS Report:	No	**Ship Non Transport:**	No
Fire EMS EMS Report:		**Ship Air First Flight:**	No
Police Report:	No	**Ship Air Subflight:**	No
Police Report No:		**Ship Init Transport:**	No
In House Cleanup:	No	**Ship Phase Transfer:**	No
Other Cleanup:	No	**Contact Name:**	BRIAN DECKER
Damage > 500:	Yes	**Contact Title:**	PROJECT MANAGER

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Material Loss:	67	**Contact Business:**	
Carrier Damage:	0	**Contact Street:**	
Property Damage:	0	**Contact City:**	
Response Cost:	0	**Contact State:**	
Remediation Cost:	1600	**Contact Postal:**	
Damage Old Form:	0	**Contact Non US St:**	
Total Damages Amt:	1667	**Contact Country:**	US
Hazmat Fatality:	No	**Inc. Report Prepared:**	
Haz Fatal Employees:	0	**HMIS Serious Incidnt:**	No
Haz Fatal Respndrs:	0	**HMIS Serious Fatality:**	No
Haz Fatal Gen Public:	0	**HMIS Serious Injury:**	No
Tot Hazmat Fatalities:	0	**HMIS Flight Plan:**	No
Non Hazmat Fatality:	No	**HMIS Serious Evacs:**	No
Non Hazmat Fatals:	0	**HMIS Major Artery:**	No
Hazmat Injury:	No	**HMIS Bulk Release:**	No
Haz Hospital Empl:	0	**HMIS Marine Pollutnt:**	No
Haz Hospital Resp:	0	**HMIS Radioactive:**	No
Haz Hosp Gen Public:	0	**HMIS Gen Pkg Type:**	OHMIR.Ref_Container.descr_txt
Haz Hosp Old Form:	0	**HMIS Container Code:**	TANK TRK
Total Haz Hosp Inj:	0	**HMIS Container Desc:**	Tank truck tank mounted on truck chassis
Haz Non Hosp Empl:	0	**HMIS Bulk Incident:**	Yes
Haz Non Hosp Resp:	0	**Undeclared Shipment:**	No

Description of Events: DRIVER DROVE OVER A PRESSURIZED DELIVERY HOSE CAUSING IT TO RUPTURE.

Recommend Actions Taken:

18	2 of 2	SE	0.10 / 532.19	140.41 / -2	5560 E SLAUSON LOS ANGELES CA	HMIRS

Incident County: LOS ANGELES

HMIR Incident Reports

Report No:	I-2002010933	**Fed DOT Agency Nm:**	
Report Type:	A hazardous material incident	**Fed DOT Report No:**	
Date of Incident:	2001-12-12	**Report Submit Src:**	Paper
Time of Incident:	0830	**Inc Multiple Rows:**	No
Haz Class Code:		**Inc Non US State:**	
Hazardous Class:	3	**Mode Transport:**	Highway
Commodity Short Nm:	DIESEL FUEL	**Transport Phase:**	Unloading
Commodity Long Nm:	DIESEL FUEL	**Incident Occrrnce:**	
Trade Name:	DIESEL #2	**Mat Ship Approval?:**	No
ID No:	NA1993	**Mat Ship Approv No:**	
Haz Waste Ind:	No	**Undecl Hazmat Ship?:**	No
Haz Waste EPA No:		**Packaging Type:**	Portable Tank
HMIS Tox Inhalation?:	No	**Packing Group:**	
TIH Hazard Zone:		**Carrier Reporter:**	ADVANCED MOBIL FUELS
Qty Released:	60	**CR Street Name:**	1903 N DURFEE AVE
Unit of Measure:	Liquid - Gallon	**CR City:**	EL MONTE
What Failed:	125; 135	**CR State:**	CA
What Failed Desc:	Hose; Loading or Unloading Lines	**CR Postal Code:**	
How Failed Code:	303;	**CR Non US State:**	
How Failed Desc:	Burst or Ruptured;	**CR Fed DOT ID:**	671383
Failure Cause Code:	;	**CR Hazmat Reg ID:**	
Failure Cause Desc:	;	**CR Country:**	US
Ident. Markings:		**Shipper Name:**	ADVANCED MOBIL FUELS
Cont1 Pkging Type:		**Shipper Street Name:**	1903 N DURFEE AVE
Cont1 Const Mat:		**Shipper City:**	EL MONTE
Cont1 Head Type:		**Shipper State:**	CA
Cont1 Pkg Capacity:	3400	**Shipper Postal:**	
C1 Capacity UOM:	LGA	**Shipper Non US St:**	
Cont1 Pkg Amt:	0	**Shipper Country:**	US
C1 Pkg Amt UOM:		**Shipper Waybill:**	915785
Cont1 Pkg No:	1	**Ship Hazmat Reg ID:**	
C1 Pkg NO Failed:	1	**Origin City:**	MONTEBELLO
Cont1 Pkg Mnfctr:	NOT REPORTED BY CARRIER	**Origin State:**	CA
Cont1 Pkg Mnfct Dt:	0-00-00 00:00:00	**Origin Postal:**	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Cont1 Pkg Serial NO:		**Origin Non US St:**	
C1 Pkg Last Test Dt:	0-00-00 00:00:00	**Origin Country:**	US
C1 Test Const Mat:		**Destination City:**	LOS ANGELES
C1 Pkg Dsign Pres.:	0	**Destination State:**	CALIFORNIA
C1 Dsign Press UOM:		**Destination Postal:**	
C1 Pkg Shell Thick:	0	**Destination Non US:**	
C1 Shell Thick UOM:		**Destination Country:**	US
C1 Head Thickness:	0	**Cont2 Package Type:**	
C1 Head Thick UOM:		**Cont2 Const Mat:**	
C1 Pkg Srvc Pres.:	0	**Cont2 Pkg Capacity:**	0
C1 Srvc Press UOM:		**Cont2 Capacity UOM:**	
C1 Valve/Device Fail?:	No	**Cont2 Pkg Amount:**	0
C1 Device Type:		**Cont2 Pkg Amt UOM:**	
C1 Device Mnfctr:		**Cont2 Pkg No:**	0
C1 Device Model:		**Cont2 Pkg No Failed:**	0
NRC No:	588506		

RAM Pkg Category:		**Haz NonHosp Public:**	0
RAM Pkg Cert.:	FALSE	**Haz NonHosp Old:**	
RAM Pkg Cert. NBR:		**Tot Haz Non Hosp Inj:**	
RAM Nuclide S:		**Total Hazmat Injuries:**	0
RAM Transport Index:		**Evacuation Indicator:**	No
RAM UOM:		**Public Evacuated:**	0
RAM Activity Rpted:	0	**Employees Evac:**	0
RAM UOM Rpted:		**Total Evacuated:**	0
RAM Activity:	0	**Total Evacuation Hrs:**	0
RAM Activity UOM:		**Major Artery Closed:**	No
RAM Mat Safety:		**Mjr Artery Hrs Closed:**	0
Spillage Result:	Yes	**Material Involved:**	No
Fire Result:	No	**Estimated Speed:**	2
Explosion Result:	No	**Weather Conditions:**	
Water Sewer Result:	No	**Vehicle Overturn:**	No
Gas Dispersion:	No	**Vehicle Left Roadway:**	No
Environment Damage:	No	**Passenger Aircraft:**	No
No Release Result:	No	**Cargo Baggage:**	
Fire EMS Report:	No	**Ship Non Transport:**	No
Fire EMS EMS Report:		**Ship Air First Flight:**	No
Police Report:	No	**Ship Air Subflight:**	No
Police Report No:		**Ship Init Transport:**	No
In House Cleanup:	No	**Ship Phase Transfer:**	No
Other Cleanup:	No	**Contact Name:**	BRIAN DECKER
Damage > 500:	Yes	**Contact Title:**	PROJECT MANAGER
Material Loss:	67	**Contact Business:**	
Carrier Damage:	0	**Contact Street:**	
Property Damage:	0	**Contact City:**	
Response Cost:	0	**Contact State:**	
Remediation Cost:	1600	**Contact Postal:**	
Damage Old Form:	0	**Contact Non US St:**	
Total Damages Amt:	1667	**Contact Country:**	US
Hazmat Fatality:	No	**Inc. Report Prepared:**	
Haz Fatal Employees:	0	**HMIS Serious Incidnt:**	No
Haz Fatal Respndrs:	0	**HMIS Serious Fatality:**	No
Haz Fatal Gen Public:	0	**HMIS Serious Injury:**	No
Tot Hazmat Fatalities:	0	**HMIS Flight Plan:**	No
Non Hazmat Fatality:	No	**HMIS Serious Evacs:**	No
Non Hazmat Fatals:	0	**HMIS Major Artery:**	No
Hazmat Injury:	No	**HMIS Bulk Release:**	No
Haz Hospital Empl:	0	**HMIS Marine Pollutnt:**	No
Haz Hospital Resp:	0	**HMIS Radioactive:**	No
Haz Hosp Gen Public:	0	**HMIS Gen Pkg Type:**	TANK
Haz Hosp Old Form:	0	**HMIS Container Code:**	TANK TRK
Total Haz Hosp Inj:	0	**HMIS Container Desc:**	Tank truck, tank mounted on truck chassis
Haz Non Hosp Empl:	0	**HMIS Bulk Incident:**	Yes
Haz Non Hosp Resp:	0	**Undeclared Shipment:**	No

Description of Events: DRIVER DROVE OVER A PRESSURIZED DELIVERY HOSE CAUSING IT TO RUPTURE.

Recommend Actions Taken:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
19	1 of 2	SW	0.10 / 540.62	142.41 / 0	ACTION PAINTING SVC INC 5366 E SLAUSON AVE COMMERCE CA 90040-7140	RCRA SQG

EPA Handler ID: CA0000383984
Gen Status Universe: Small Quantity Generator
Contact Name: EDGAR NOICE
Contact Address: 5366 E SLAUSON AVE , , COMMERCE , CA, 90040-7140 , US
Contact Phone No and Ext: 213-724-6200
Contact Email:
Contact Country: US
County Name: LOS ANGELES
EPA Region: 09
Land Type: Private
Receive Date: 19940628
Location Latitude: 33.985386
Location Longitude: -118.168389

Violation/Evaluation Summary

Note: NO RECORDS: As of Nov 2021, 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: 19940628
Handler Name: ACTION PAINTING SVC 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: EDGAR L NOICE
Date Became Current:
Date Ended Current:
Phone: 213-724-6200
Source Type: Notification
Street No:
Street 1: 5366 E SLAUSON AVE
Street 2:
City: COMMERCE
State: CA
Country:
Zip Code: 90040-7140

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
19	2 of 2	SW	0.10 / 540.62	142.41 / 0	CANVAS SPECIALTY 5366 E SLAUSON AVE COMMERCE CA 90040	CUPA LA COUNTY

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Facility ID: FA0025251
CERS ID: 10273810

Inactive Facility Details

PE: 1001

PE: 3002

20	1 of 3	SW	0.10 / 544.72	143.91 / 1	THE LANGLOIS COMPANY 5354 E. SLAUSON AVENUE COMMERCE CA 90040	HHSS

County: Los Angeles
Tank Details Microfiche: http://geotracker.waterboards.ca.gov/ustpdfs/pdf/00028ba1.pdf

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20	2 of 3	SW	0.10 / 544.72	143.91 / 1	THE LANGLOIS COMPANY 5354 E. SLAUSON AVE. COMMERCE CA 90022	EMISSIONS

1987 Criteria Data

Facility ID: 20716
Facility SIC Code: 2041
CO: 19
Air Basin: SC
District: SC
COID: LA
DISN: SOUTH COAST AQMD
CHAPIS:

CERR Code:
TOGT:
ROGT:
COT:
NOXT:
SOXT:
PMT: .3
PM10T: .27

1987 Toxic Data

Facility ID: 20716
Facility SIC Code: 2041
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:

20	3 of 3	SW	0.10 / 544.72	143.91 / 1	THE LANGLOIS COMPANY 5354 E. SLAUSON AVENUE COMMERCE CA	HIST TANK

Owner Name: THE LANGLOIS COMPANY
Owner Street: 5354 E. SLAUSON AVENUE
Owner City: COMMERCE
Owner State: CA
Owner Zip: 90040

No of Containers: 2
County: LOS ANGELES
Facility State: CA
Facility Zip: 90040

21	1 of 5	SW	0.11 / 562.04	143.91 / 1	5354 E SLAUSON AVE COMMERCE CA 90040	HMS LA

Site No: 006469
Area: 3V

Detail Info

Permit No:	00000950T	***Permit Status Code:***	REM
Permit Cat Desc:	Underground Storage Tank	***Permit Category:***	T
Status Code:	REM	***File No:***	006689
Status Desc:	Equipment Removed	***File Name:***	THE LANGLOIS CO
Permit Status Desc:	Equipment Removed		
Permit Type:	0		
Permit Type Desc:	Underground Storage Tank Operating Permit		

Detail Info

Permit No:	000084072	***Permit Status Code:***	REM
Permit Cat Desc:	Underground Storage Tank	***Permit Category:***	T
Status Code:	REM	***File No:***	006689
Status Desc:	Equipment Removed	***File Name:***	THE LANGLOIS CO
Permit Status Desc:	Equipment Removed		
Permit Type:	0		
Permit Type Desc:	Underground Storage Tank Operating Permit		

Detail Info

Permit No:	000010739	***Permit Status Code:***	CLOS
Permit Cat Desc:	Industrial Waste Permit	***Permit Category:***	I
Status Code:	CLOS	***File No:***	I06689
Status Desc:	Permit Closed	***File Name:***	THE LANGLOIS CO
Permit Status Desc:	Permit Closed		
Permit Type:	09		
Permit Type Desc:	Operating Industrial Waste Permit - Offsite		

Detail Info

Permit No:	000012749	***Permit Status Code:***	CLOS
Permit Cat Desc:	Industrial Waste Permit	***Permit Category:***	I
Status Code:	CLOS	***File No:***	I16954
Status Desc:	Permit Closed	***File Name:***	NORTHERN PRODUCE
Permit Status Desc:	Permit Closed		
Permit Type:	09		
Permit Type Desc:	Operating Industrial Waste Permit - Offsite		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
21	2 of 5	SW	0.11 / 562.04	143.91 / 1	PRODUCE MARKET 5354 EAST SLAUSON AVENUE CITY OF COMMERCE CA 90040	WASTE DISCHG

Global ID:	WDR100000957	***Site Facility Type:***	* WDR SITE
Facility ID:		***Site Code:***	
Status:	HISTORICAL - WDR	***County:***	LOS ANGELES
Note:	Information related to facilities can be searched on Geo Tracker Website: https://geotracker.waterboards.ca.gov/search		
Source:	Cleanup Program Sites from GeoTracker Search		

WDR Sites from GeoTracker Search - Facilities (as of Oct 20, 2021)

Site Facility Name:	PRODUCE MARKET	***WDR File No:***	79-020
Site Facility Type:	* WDR SITE	***WDR Order No:***	01-02703
Cleanup Status:	HISTORICAL - WDR	***File Location:***	
Cleanup Stat Detail:		***Address/Partial Add:***	5354 EAST SLAUSON AVENUE
Potential COC:		***City:***	CITY OF COMMERCE
CUF Claimno No:		***Zip:***	90040
CUF Amount Paid:		***County:***	LOS ANGELES
WDR Place Type:	Facility		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Potential Media of Concern:
User Defined Beneficial Use:
Designated Beneficial Use: MUN, AGR, IND, PROC
Designated Beneficl Use Desc: Municipal and Domestic Supply, Agricultural Supply, Industrial Service Supply, Industrial Process Supply
Post Closure Site Management:
Future Land Use Reported:
CUF Priority Assigned:
Project Status: HISTORICAL - WDR AS OF 2/22/2001
DWR GW Sub Basin: Coastal Plain Of Los Angeles - Central (4-011.04)
Calwater Watershed: Los Angeles River - Los Angeles (412.10)
Cleanup Oversight Agencies:
Project Oversight Agencies: LOS ANGELES RWQCB (REGION 4) (LEAD) - CI #: 6490C
Facility Type:
Composting Method:
Groundwater Monitoring Freque:
Report Link: https://geotracker.waterboards.ca.gov/profile_report?global_id=WDR100000957
Cleanup History Link: https://geotracker.waterboards.ca.gov/profile_report_include?global_id=WDR100000957&tabname=regulatoryhistory
Site History:

No site history available

WDR Sites from GeoTracker Search - Project Status History (as of Oct 20, 2021)

Status: Open - Case Begin Date
Date: 6/17/2004

Status: Historical - WDR
Date: 2/22/2001

Status: Open - Case Begin Date
Date: 2/22/2001

21	3 of 5	SW	0.11 / 562.04	143.91 / 1	THE LANGLOIS COMPANY 5354 E SLAUSON AVE LOS ANGELES CA 90040	EMISSIONS

1990 Criteria Data

Facility ID:	20716	***CERR Code:***	
Facility SIC Code:	2045	***TOGT:***	
CO:	19	***ROGT:***	
Air Basin:	SC	***COT:***	
District:	SC	***NOXT:***	
COID:	LA	***SOXT:***	
DISN:	SOUTH COAST AQMD	***PMT:***	.1
CHAPIS:		***PM10T:***	.09

1990 Toxic Data

Facility ID:	20716	***COID:***	LA
Facility SIC Code:	2045	***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:			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
21	4 of 5	SW	0.11 / 562.04	143.91 / 1	LANGLOIS FLOUR CO 5354 E SLAUSON AVE COMMERCE CA 90040	CUPA LA COUNTY

Facility ID: FA0025220
CERS ID: 0

Inactive Facility Details

PE: 3001

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
21	5 of 5	SW	0.11 / 562.04	143.91 / 1	THE LANGLOIS COMPANY 5354 E SLAUSON AVE COMMERCE CA	UST SWEEPS

C C: I19-000-6689
BOE:
Comp: 6689
Status: INACTIVE
No of Tanks: 1
Jurisdict: LOS ANGELES COUNTY
Agency: WASTE MANAGEMENT DEPARTMENT
Phone: (213) 000-0000

D Filename: NSITE3
Page No: 110
County: LOS ANGELES
State : CA
Zip: 90022
Latitude: 33.986635
Longitude: -118.168622
Georesult: S5HPNTS--A

Tank Details

Tank ID: 000002
O Tank ID:
SWRCB No: 19-000-006689-000002
Removed:
Installed: 01-01-01
A Date:
Capac: 2000
Tank Use: M.V. FUEL

S Contain: NONE
Stg:
Storage : PRODUCT
Storag Type: PRODUCT
P Contain: BARE STEEL
Content: DIESEL
ONA:
D File Name: NTANK3

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
22	1 of 1	WSW	0.11 / 595.21	147.29 / 5	ULTRA INDUSTRIES INC 5331 E SLAUSON BLVD COMMERCE CA	UST SWEEPS

C C: A19-000-2995
BOE:
Comp: 2995
Status: ACTIVE
No of Tanks:
Jurisdict: LOS ANGELES COUNTY
Agency: WASTE MANAGEMENT DEPARTMENT
Phone:

D Filename: SITE04A
Page No: 157
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
23	1 of 3	SE	0.12 / 621.34	139.69 / -3	5560 E SLAUSON AVE COMMERCE CA 90040	HMS LA

Site No: 033696
Area: 3V

Detail Info

Permit No:
Permit Cat Desc:
Status Code: OPEN
Status Desc: File Opened, no permit exists
Permit Status Desc:
Permit Type:

Permit Status Code:
Permit Category:
File No: 066967
File Name: CENTURY SNACKS LLC

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Permit Type Desc:

Detail Info

Permit No: 000021190
Permit Cat Desc: Industrial Waste Permit
Status Code: PERM
Status Desc: Equipment Permitted
Permit Status Desc: Equipment Permitted
Permit Type: 01
Permit Type Desc: Operating Industrial Waste Permit - Local Sewer
Permit Status Code: PERM
Permit Category: I
File No: 057433
File Name: NEW CENTURY SNACKS LLC

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
23	2 of 3	SE	0.12 / 621.34	139.69 / -3	Century Snacks LLC 5560 E SLAUSON AVE COMMERCE CA 90040	CERS HAZ

Site ID: 408677
Latitude: 33.986020
Longitude: -118.164582
County:

Regulated Programs

EI ID: 10274899
EI Description: Chemical Storage Facilities

Violations

Violation Date: 12/07/2015
Violation Program: HMRRP
Violation Source: CERS
Violation Division: Los Angeles County Fire Department
Citation: HSC 6.95 25507 - California Health and Safety Code, Chapter 6.95, Section(s) 25507
Violation Notes:

Returned to compliance on 11/28/2016. OBSERVATION: Owner/Operator failed to establish and implement a Hazardous Materials Business Plan when storing hazardous materials at or above the thresholds quantities of 55 gallons/500 lbs/200 cubic feet. Observed no submittal of Business Plan and required information to California Environmental Reporting System due to change of ownership. CORRECTIVE ACTION: Establish and implement a Hazardous Materials Business Plan when storing hazardous materials at or above the thresholds quantities of 55 gallons/500 lbs/200 cubic feet. Complete and submit the following information to CERS: 1. Business Activities: Select "Yes" to Hazardous Material Handler only. 2. Owner's Identification Page: Complete this section and submit on line. 3. Hazardous Material Inventory: Refrigerant for cooling units in pounds. Compressed propane 34 x 8 gallons, Electrolyte in fork lift batteries (x 13) in gallons. 4. Site Map: Complete, scan and upload the site map with the following [Truncated]

Violation Description:

Failure to adequately establish and implement a business plan when storing/handling a hazardous material at or above reportable quantities.

Violations

Violation Date: 09/27/2019
Violation Program: HMRRP
Violation Source: CERS
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 02/10/2020. OBSERVATION: The business failed to establish and electronically submit adequate emergency response procedures for a release or threatened release of a hazardous material. CORRECTIVE ACTION: Establish and electronically submit adequate emergency response procedures for a release or threatened release of a hazardous material within 30 days.

Violation Description:

Failure to establish and electronically submit an adequate emergency response plan and procedures for a release or threatened release of a hazardous material.

Violations

Violation Date: 09/08/2016
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 11/28/2016. OBSERVATION: Owner/Operator failed to establish and implement a Hazardous Materials Business Plan when storing hazardous materials at or above the thresholds quantities of 55 gallons/500 lbs/200 cubic feet. Observed no submittal of Business Plan and required information to California Environmental Reporting System due to ownership change. CORRECTIVE ACTION: Establish and implement a Hazardous Materials Business Plan when storing hazardous materials at or above the thresholds quantities of 55 gallons/500 lbs/200 cubic feet. Complete and submit the following information to CERS: 1. Business Activities: Select "Yes" to Hazardous Material Handler only. 2. Owner's Identification Page: Complete this section and submit on line. 3. Hazardous Material Inventory: Report all the following hazardous materials at maximum daily amount: Refrigerant for cooling units in pounds. Compressed propane 2 x 8 gallons (Total 16 gallons) Electrolyte in fork lift batteries (x 16), [Truncated]

Violation Description:

Failure to complete and electronically submit a business plan when storing/handling a hazardous material at or above reportable quantities.

Violations

Violation Date: 09/27/2019
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 02/10/2020. OBSERVATION: The business failed to complete and electronically submit chemical inventory information for all reportable hazardous materials on site at or above reportable quantities. CORRECTIVE ACTION: Complete and electronically submit the chemical inventory information for all reportable hazardous materials on site at or above reportable quantities.

Violation Description:

Failure to complete and electronically submit hazardous material inventory information for all reportable hazardous materials on site at or above reportable quantities.

Evaluations

Eval Date: 03/31/2016
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:

Marc Williamson (Plant Engineer) ; Note: data in [EVAL Notes] field for some records is truncated from the source.

Eval Date: 11/28/2016
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: 09/27/2019
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: HMRRP

Eval Source: CERS
Eval Notes:

BOB HREHA, PLANT MANAGER; Note: data in [EVAL Notes] field for some records is truncated from the source.

Eval Date: 10/11/2016
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: 09/08/2016
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:

Marc Williamson (Plant Engineer); Note: data in [EVAL Notes] field for some records is truncated from the source.

Eval Date: 12/07/2015
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:

Marc Williamson (Plant Engineer); Note: data in [EVAL Notes] field for some records is truncated from the source.

Affiliations

Affil Type Desc: Parent Corporation
Entity Name: Century Snacks LLC
Entity Title:
Address:
City:
State:
Country:
Zip Code:
Phone:

Affil Type Desc: Property Owner
Entity Name: Prologis LP
Entity Title:
Address: PO Box 846255
City: Dallas
State: TX
Country: United States
Zip Code: 75284
Phone: (562) 345-9207

Affil Type Desc: Environmental Contact
Entity Name: Gheorghe Marcus
Entity Title:
Address: 5560 East Slauson Avenue
City: Commerce
State: CA
Country:

Zip Code: 90040
Phone:

Affil Type Desc: Identification Signer
Entity Name: Robert Hreha
Entity Title: Plant Manager
Address:
City:
State:
Country:
Zip Code:
Phone:

Affil Type Desc: Legal Owner
Entity Name: Century Snacks LLC
Entity Title:
Address: 5560 East Slauson Avenue
City: Commerce
State: CA
Country: United States
Zip Code: 90040
Phone: (323) 278-9578

Affil Type Desc: Document Preparer
Entity Name: Robert Hreha
Entity Title:
Address:
City:
State:
Country:
Zip Code:
Phone:

Affil Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title:
Address: 5560 East Slauson Avenue
City: Commerce
State: CA
Country:
Zip Code: 90040
Phone:

Affil Type Desc: Operator
Entity Name: Century Snacks LLC
Entity Title:
Address:
City:
State:
Country:
Zip Code:
Phone: (323) 278-9578

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

Coordinates

Env Int Type Code: HMBP
Program ID: 10274899
Latitude: 33.986020
Longitude: -118.164580
Coord Name:
Ref Point Type Desc: Center of a facility or station.

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
23	3 of 3	SE	0.12 / 621.34	139.69 / -3	CENTURY SNACKS LLC 5560 E SLAUSON AVE COMMERCE CA 90040	CUPA LA COUNTY

Facility ID: FA0043482
CERS ID: 10274899

Active Facility Details

PE: 3001

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
24	1 of 1	E	0.13 / 665.12	140.41 / -2	WESTERN GOURMET FOODS 5667 MANSFIELD WAY BELL CA 90201	CUPA LA COUNTY

Facility ID: FA0043990
CERS ID: 10302643

Inactive Facility Details

PE: 3001

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
25	1 of 1	ESE	0.13 / 702.63	139.41 / -3	5603 E SLAUSON AVE COMMERCE CA 90040	HMS LA

Site No: 030725
Area: 3V

Detail Info

Permit No: 000474892
Permit Cat Desc: Industrial Waste Permit
Status Code: CLOS
Status Desc: Permit Closed
Permit Status Desc: Permit Closed
Permit Type: S4
Permit Type Desc: Operating Industrial Waste Permit - Stormwater BMPs
Permit Status Code: CLOS
Permit Category: I
File No: 046145
File Name: AP-COMMERCE PLAZA LLC

Detail Info

Permit No: 000869230
Permit Cat Desc: Industrial Waste Permit
Status Code: PERM
Status Desc: Equipment Permitted
Permit Status Desc: Equipment Permitted
Permit Type: S4
Permit Type Desc: Operating Industrial Waste Permit - Stormwater BMPs
Permit Status Code: PERM
Permit Category: I
File No: 063834
File Name: CDCF111 PACIFIC COMMERCE PLAZA

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
26	1 of 4	ENE	0.13 / 712.33	141.41 / -1	Hain Celestial Group 5630 RICKENBAKER RD. BELL CA 90201	DELISTED CTNK

Site ID: 446995
County: Los Angeles County
Tank Type:
Original Source: CTNK
Record Date: 18-NOV-2019
Latitude: 33.989020
Longitude: -118.165160

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
26	2 of 4	ENE	0.13 / 712.33	141.41 / -1	Hain Celestial Group 5630 RICKENBACKER RD COMMERCE CA 90201	CUPA LA COUNTY

Facility ID: FA0051725
CERS ID: 10779406

Active Facility Details

PE: 3001

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
26	3 of 4	ENE	0.13 / 712.33	141.41 / -1	THE HAIN CELESTIAL GROUP 5630 RICKENBACKER RD BELL GARDENS CA 90201-6412	RCRA NON GEN

EPA Handler ID: CAC003063267
Gen Status Universe: No Report
Contact Name: FRANK GROSS
Contact Address: 5630 RICKENBACKER RD , , BELL GARDENS , CA, 90201-6412 ,
Contact Phone No and Ext: 562-275-2012
Contact Email: GREGG.THOMAS@SAFETY-KLEEN.COM
Contact Country:
County Name: LOS ANGELES
EPA Region: 09
Land Type:
Receive Date: 20200414
Location Latitude:
Location Longitude:

Violation/Evaluation Summary

Note: NO RECORDS: As of Nov 2021, 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: 20200414
Handler Name: THE HAIN CELESTIAL GROUP
Source Type: Implementer
Federal Waste Generator Code: N
Generator Code Description: Not a Generator, Verified

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Owner/Operator Details

Owner/Operator Ind:	Current Operator	***Street No:***	
Type:	Other	***Street 1:***	5630 RICKENBACKER RD
Name:	FRANK GROSS	***Street 2:***	
Date Became Current:		***City:***	BELL GARDENS
Date Ended Current:		***State:***	CA
Phone:	562-275-2012	***Country:***	
Source Type:	Implementer	***Zip Code:***	90201-6412
Owner/Operator Ind:	Current Owner	***Street No:***	
Type:	Other	***Street 1:***	5630 RICKENBACKER RD
Name:	FRANK GROSS	***Street 2:***	
Date Became Current:		***City:***	BELL GARDENS
Date Ended Current:		***State:***	CA
Phone:	562-275-2012	***Country:***	
Source Type:	Implementer	***Zip Code:***	90201-6412

26	*4 of 4*	*ENE*	*0.13 / 712.33*	*141.41 / -1*	***THE HAIN CELESTIAL GROUP 5630 RICKENBACKER RD BELL GARDENS CA 90201-6412***	***RCRA NON GEN***

EPA Handler ID:	CAL000457865
Gen Status Universe:	No Report
Contact Name:	THE HAIN CELESTIAL GROUP
Contact Address:	5630 RICKENBACKER RD , , BELL GARDENS , CA, 90201-6412 ,
Contact Phone No and Ext:	310-384-9436
Contact Email:	ANTHONY.TURGMAN@HAIN.COM
Contact Country:	
County Name:	LOS ANGELES
EPA Region:	09
Land Type:	
Receive Date:	20201030
Location Latitude:	
Location Longitude:	

Violation/Evaluation Summary

Note:	NO RECORDS: As of Nov 2021, 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:	20201030
Handler Name:	THE HAIN CELESTIAL GROUP

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

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: THE HAIN CELESTIAL GROUP
Date Became Current:
Date Ended Current:
Phone: 516-587-5800
Source Type: Implementer
Street No:
Street 1: 111 MARCUS AVE
Street 2:
City: LAKE SUCCESS
State: NY
Country:
Zip Code: 11042

Owner/Operator Ind: Current Operator
Type: Other
Name: THE HAIN CELESTIAL GROUP
Date Became Current:
Date Ended Current:
Phone: 310-384-9436
Source Type: Implementer
Street No:
Street 1: 5630 RICKENBACKER RD
Street 2:
City: BELL GARDENS
State: CA
Country:
Zip Code: 90201-6412

27	1 of 1	N	0.15 / 766.95	143.41 / 1	5555 RICKENBACKER RD BELL CA 90201	HMS LA

Site No: 016772
Area: 2A

Detail Info

Permit No:
Permit Cat Desc:
Status Code: OPEN
Status Desc: File Opened, no permit exists
Permit Status Desc:
Permit Type:
Permit Type Desc:
Permit Status Code:
Permit Category:
File No: 013192
File Name: US POSTAL SERVICE

28	1 of 1	ESE	0.15 / 807.81	138.67 / -4	MINOLTA BUSINESS SYSTEMS 5628 E SLAUSON AVE COMMERCE CA 90040	CUPA LA COUNTY

Facility ID: FA0025250
CERS ID: 0

Inactive Facility Details

PE: 3001

29	1 of 2	NNW	0.16 / 861.15	144.41 / 2	LAUSD--SLAWSON SOUTHEAST OCCUPATIONAL CENTER 5500 RICKENBACKER RD BELL CA 90201	CUPA LA COUNTY

Facility ID: FA0047104
CERS ID: 10503214

Active Facility Details

PE: 1001

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
PE:		3001				
29	2 of 2	NNW	0.16 / 861.15	144.41 / 2	SLAWSON SOUTHEAST OCCUPATIONAL CENTER 5500 RICKENBACKER RD BELL CA 90201	RCRA LQG

EPA Handler ID: CAR000233171
Gen Status Universe: Large Quantity Generator
Contact Name: SOE AUNG
Contact Address: 333 S BEAUDRY AVE , 28TH FL , LOS ANGELES , CA, 90017 , US
Contact Phone No and Ext: 213-241-3904
Contact Email: SOE.AUNG@LAUSD.NET
Contact Country: US
County Name: LOS ANGELES
EPA Region: 09
Land Type: District
Receive Date: 20121204
Location Latitude: 33.989297
Location Longitude: -118.163859

Violation/Evaluation Summary

Note: NO RECORDS: As of Nov 2021, 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: 20121204
Handler Name: SLAWSON SOUTHEAST OCCUPATIONAL CENTER
Federal Waste Generator Code: 1
Generator Code Description: Large Quantity Generator
Source Type: Notification

Waste Code Details

Hazardous Waste Code: 181
Waste Code Description: Other inorganic solid waste

Hazardous Waste Code: D008
Waste Code Description: LEAD

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:	District	**Street 1:**	333 S BEAUDRY AVE
Name:	LOS ANGELES UNIFIED SCHOOL DISTRICT	**Street 2:**	28TH FL
Date Became Current:	20090811	**City:**	LOS ANGELES
Date Ended Current:		**State:**	CA
Phone:	213-241-3199	**Country:**	US
Source Type:	Notification	**Zip Code:**	90017
Owner/Operator Ind:	Current Operator	**Street No:**	
Type:	District	**Street 1:**	
Name:	SLAWSON SOUTHEAST OCCUPATIONAL CENTER	**Street 2:**	
Date Became Current:	20090811	**City:**	
Date Ended Current:		**State:**	
Phone:		**Country:**	US
Source Type:	Notification	**Zip Code:**	

30	1 of 4	ENE	0.17 / 903.53	140.96 / -1	**BELL AFRC** **5631 RICKENBACKER RD** **BELL CA 90201-6413**	**RCRA NON GEN**

EPA Handler ID:	CAL000352841
Gen Status Universe:	No Report
Contact Name:	SUSAN OAKLEY
Contact Address:	9800 GOETHE ROAD BOX 17 , , SACRAMENTO , CA, 95827-3561 ,
Contact Phone No and Ext:	805-238-8418
Contact Email:	SUSAN.L.OAKLEY4.NFG@MAIL.MIL
Contact Country:	
County Name:	LOS ANGELES
EPA Region:	09
Land Type:	
Receive Date:	20100528
Location Latitude:	33.989386
Location Longitude:	-118.163381

Violation/Evaluation Summary

Note: NO RECORDS: As of Nov 2021, 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:	20100528
Handler Name:	BELL AFRC
Source Type:	Implementer

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Federal Waste Generator Code: N
Generator Code Description: Not a Generator, Verified

Owner/Operator Details

Owner/Operator Ind: Current Operator
Type: Other
Name: SUSAN OAKLEY
Date Became Current:
Date Ended Current:
Phone: 805-238-8418
Source Type: Implementer
Street No:
Street 1: 9800 GOETHE ROAD BOX 17
Street 2:
City: SACRAMENTO
State: CA
Country:
Zip Code: 95827-3561

Owner/Operator Ind: Current Owner
Type: Other
Name: STATE MILITARY DEPT
Date Became Current:
Date Ended Current:
Phone: 805-238-8418
Source Type: Implementer
Street No:
Street 1: 9800 GOETHE ROAD BOX 17
Street 2:
City: SACRAMENTO
State: CA
Country:
Zip Code: 95827-3561

30	2 of 4	ENE	0.17 / 903.53	140.96 / -1	NATIONAL GUARD FMS #6 5631 RICKENBACKER RD BELL CA 90201	CUPA LA COUNTY

Facility ID: FA0043187
CERS ID: 10264660

Active Facility Details

PE: 1002

PE: 3003

30	3 of 4	ENE	0.17 / 903.53	140.96 / -1	3D ANGLICO USMC 5631 RICKENBACKER RD B BELL CA 90201	CUPA LA COUNTY

Facility ID: FA0043849
CERS ID: 10272643

Active Facility Details

PE: 3001

PE: 1001

30	4 of 4	ENE	0.17 / 903.53	140.96 / -1	USMCR 3RD AIR AND NAVAL GUNFIRE LIAISON CO 5631 RICKENBACKER RD BELL CA 90201-6413	RCRA NON GEN

EPA Handler ID: CAL000360629
Gen Status Universe: No Report
Contact Name: CHRIS HURST
Contact Address: 2000 OPELOUSAS AVE , , NEW ORLEANS , LA, 70114-1500 ,
Contact Phone No and Ext: 504-697-9839
Contact Email: RAFAEL.J.TORRES@NAVY.MIL
Contact Country:
County Name: LOS ANGELES
EPA Region: 09
Land Type:
Receive Date: 20110127

Location Latitude:
Location Longitude:

Violation/Evaluation Summary

Note: NO RECORDS: As of Nov 2021, 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:	20110127
Handler Name:	USMCR 3RD AIR AND NAVAL GUNFIRE LIAISON CO
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:**	2000 OPELOUSAS AVE
Name:	CHRIS HURST	**Street 2:**	
Date Became Current:		**City:**	NEW ORLEANS
Date Ended Current:		**State:**	LA
Phone:	504-697-9839	**Country:**	
Source Type:	Implementer	**Zip Code:**	70114-1500

Owner/Operator Ind:	Current Owner	**Street No:**	
Type:	Other	**Street 1:**	2000 OPELOUSAS AVENUE
Name:	UNITED STATES MARINE CORPS	**Street 2:**	
Date Became Current:		**City:**	NEW ORLEANS
Date Ended Current:		**State:**	LA
Phone:	504-697-9892	**Country:**	
Source Type:	Implementer	**Zip Code:**	70114-0000

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
31	1 of 2	ESE	0.18 / 972.09	138.41 / -4	VERIZON WIRELESS: COMMERCE 5701 S EASTERN AVE 400 COMMERCE CA 90040	CUPA LA COUNTY

Facility ID: FA0009535
CERS ID: 10161803

Inactive Facility Details

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
PE:		3000				
31	2 of 2	ESE	0.18 / 972.09	138.41 / -4	METROPCS CAL #LA0320B 5701 S EASTERN AVE COMMERCE CA 90040	CUPA LA COUNTY

Facility ID: FA0040166
CERS ID: 10298716

Inactive Facility Details

PE: 3000

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
32	1 of 1	ESE	0.20 / 1,051.06	138.41 / -4	T-MOBILE WEST SITE ID#LA03349A 5705 S EASTERN AVE COMMERCE CA 90040	CUPA LA COUNTY

Facility ID: FA0041075
CERS ID: 10412206

Inactive Facility Details

PE: 3000

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
33	1 of 1	ESE	0.20 / 1,052.75	138.41 / -4	5709 S EASTERN AVE COMMERCE CA 90040	HMS LA

Site No: 013768
Area: 3V

Detail Info

Permit No:
Permit Cat Desc:
Status Code: OPEN
Status Desc: File Opened, no permit exists
Permit Status Desc:
Permit Type:
Permit Type Desc:
Permit Status Code:
Permit Category:
File No: 014244
File Name: CIRCLE K STORES

Detail Info

Permit No:
Permit Cat Desc:
Status Code: OPEN
Status Desc: File Opened, no permit exists
Permit Status Desc:
Permit Type:
Permit Type Desc:
Permit Status Code:
Permit Category:
File No: 014196
File Name: CIRCLE K STORES

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
34	1 of 1	E	0.20 / 1,065.07	138.41 / -4	HUMAN-I-T DBA COMPUTER FOR A CAUSE 4941 EASTERN AVE BELL CA 90201	RCRA NON GEN

EPA Handler ID: CAL000465729
Gen Status Universe: No Report
Contact Name: MICHAEL A WILKINS
Contact Address: 4941 EASTERN AVE , , BELL , CA, 90201 ,

Contact Phone No and Ext:	562-264-5199
Contact Email:	AARON.WILKINS@HUMAN-I-T.ORG
Contact Country:	
County Name:	LOS ANGELES
EPA Region:	09
Land Type:	
Receive Date:	20210924
Location Latitude:	
Location Longitude:	

Violation/Evaluation Summary

Note:	NO RECORDS: As of Nov 2021, 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:	20210924
Handler Name:	HUMAN-I-T DBA COMPUTER FOR A CAUSE
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:**	4941 EASTERN AVE
Name:	MICHAEL A WILKINS	**Street 2:**	
Date Became Current:		**City:**	BELL
Date Ended Current:		**State:**	CA
Phone:	562-264-5199	**Country:**	
Source Type:	Implementer	**Zip Code:**	90201

Owner/Operator Ind:	Current Operator	**Street No:**	
Type:	Other	**Street 1:**	4941 EASTERN AVE
Name:	MICHAEL A WILKINS	**Street 2:**	
Date Became Current:		**City:**	BELL
Date Ended Current:		**State:**	CA
Phone:	562-264-5199	**Country:**	
Source Type:	Implementer	**Zip Code:**	90201

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
35	1 of 1	NE	0.21 / 1,094.98	141.41 / -1	US ARMY BASE 1 5631 RICKENBACKER ROAD BELL CA 90201	ENVIROSTOR

Estor/EPA ID:	60002609	***Assembly District:***	, 63
Site Code:	301816	***Senate District:***	, 33
Nat Priority List:	NO	***Permit Renewal Lead:***	
APN:	NONE SPECIFIED	***Public Partici Spclst:***	
Census Tract:	6037532304	***Project Manager:***	TAJINDER GILL
Site Type:	EVALUATION	***County:***	LOS ANGELES
Address Description:	5631 RICKENBACKER ROAD	***Latitude:***	33.9906
Office:	CLEANUP CHATSWORTH	***Longitude:***	-118.1645
Special Program:	EPA - PASI	***Acres:***	42.93 ACRES
Funding:	EPA GRANT	***Supervisor:***	JAVIER HINOJOSA

Cleanup Status: NO FURTHER ACTION AS OF 9/14/2018
Cleanup Oversight Agencies: DTSC - SITE CLEANUP PROGRAM - LEAD AGENCY
School District:
Past Use that Caused Contam: NONE
Potential Media Affected: NO MEDIA AFFECTED
Potential Contamin of Concern:

NO CONTAMINANTS FOUND

Site History:

US Army Base 1 ("the Site") 42.93 acre, is one of two currently operating bases on the Former CHELI Air Force Station (AFS). CHELI AFS is a 91-acre former military facility that operated between 1943 and 1961. Portions of the CHELI AFS were sold to the United States Postal Service in 1972. The historical map of the Site shows that the Site consisted of Buildings 5, 6, 7 and parts of Building 701. The Site boundaries include G Street, I Street, 1st Street and 6th Street. The Site address is 5631 Rickenbacker Rd, Bell, California 90201. The property consists of four Los Angeles county assessors' parcel numbers (APNs): 6332002962, 6332002964, 6332002967 and 6332002969. The parcels are currently operated by the US Government / Armed Forces as a vehicle maintenance facility. Historically, the Site included the adjacent "Fedex Home" property (e,g, Federal Express). In 2008, Building 701 was subdivided into 5 segments. The Site includes the two eastern-most segments. The remaining 3 segments are part of the Fedex Home Parcel.

The Site-map-historic showed railroad tracks, former underground storage tank area, two production wells in the vicinity, former truck maintenance pits, and former railroad maintenance and fueling area. The Current Site Map identified two (2) buildings, unspecified hazardous material/waste storage lockers, vehicle/equipment wash racks, privately owned vehicle parking area, military vehicle parking/equipment storage area and two (2) retention ponds.

The Hazardous Waste Tracking System (HWTS) waste report showed solvents, Benzene and Xylene were generated and disposed. On August 30, 2013, Los Angeles Regional Water Quality Control Board (LARWQCB) issued a Denial of Notice of Termination and Notice of Violation for the National Pollutant Discharge Elimination System (NPDES) general permit for storm water discharges, in that the total suspended solids and specific conductance parameters were exceeded.

The following Agency records were requested and made available for review:

- Los Angeles (LA) County Fire Department: No Files found for the Site
- LA County Public Works: No Files found for the Site
- LA County Sanitation: No Response
- LARWQCB: Only storm-water files for the Site were made available for review.
- Request for files related to grading conducted in 2008 were made, however, no files were released by the Army Corp of Engineers.

The nearest group of drinking water wells (California Water Service Co.-ELA [Commerce] {Well 10-03, Well 13-02, Well 20-1, and Well 54-01}), approximately 2,953 feet north and upgradient from the Site, are impacted with Trichloroethene (TCE), Tetrachloroethene (PCE), perchlorate, total chromium, and hexavalent chromium. Well 20-01 is inactive. The nearest directly downgradient impacted well (GSWC - Bell, Bell Gardens [Santa Fe Springs] Watson LAG GAC 3/4 Port) is located approximately 4,533 feet to the south and is contaminated with PCE and TCE. The Site sits approximately 1,800 feet (upgradient) of the Los Angeles River and is upgradient of the Pemaco VOC plume. Prevailing groundwater flow direction is South.

DTSC received Site access authorization from the California Military Department, Public Information Office. However, the Site visit conflicted with the base commanders and environmental health and safety staff and only a drive-by site visit was conducted on April 12, 2018.

From the perimeter, the Site was observed to be covered by gravel. Armed forces vehicles were observed parked on the gravel. The Site had many security cameras around the perimeter. Vehicle maintenance or chemical storage operations were not visible from the perimeter.

The Site screening did not reveal an actual or potential link between the historical activities, reported chemicals or the known groundwater well impacts.

Status: NO FURTHER ACTION
Program Type: EVALUATION
CalEnviroScreen Score: 96-100%
Summary Link: https://www.envirostor.dtsc.ca.gov/public/profile_report?global_id=60002609

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Completed Activities

Title: Pre-CERCLA Screening Assessment
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60002609&enforcement_id=60460701
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: PA/SI Site Screening
Date Completed: 9/10/2018
Comments: Final Triage Recommendation (US EPA): "Based on the information collected in this screen, there is no actionable data to suggest that TCE is associated with the site, therefore, no further federal action is warranted." Final Site Status: Not a Valid Site

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Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
36	1 of 3	ESE	0.22 / 1,136.47	137.41 / -5	5801 S EASTERN AVE COMMERCE CA 90040	HMS LA

Site No: 000189
Area: 3V

Detail Info

Permit No: 00001053T
Permit Cat Desc: Underground Storage Tank
Status Code: REM
Status Desc: Equipment Removed
Permit Status Desc: Equipment Removed
Permit Type: 0
Permit Type Desc: Underground Storage Tank Operating Permit
Permit Status Code: REM
Permit Category: T
File No: 000190
File Name: BLUE CHIP STAMPS

Detail Info

Permit No:
Permit Cat Desc:
Status Code: OPEN
Status Desc: File Opened, no permit exists
Permit Status Desc:
Permit Type:
Permit Type Desc:
Permit Status Code:
Permit Category:
File No: I00190
File Name: TRAMMELL CROW CO

Detail Info

Permit No:
Permit Cat Desc:
Status Code: OPEN
Status Desc: File Opened, no permit exists
Permit Status Desc:
Permit Type:
Permit Type Desc:
Permit Status Code:
Permit Category:
File No: 063250
File Name: LA CO FIRE PREVENTION

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
36	2 of 3	ESE	0.22 / 1,136.47	137.41 / -5	BLUE CHIP STAMPS 5801 S EASTERN AVE COMMERCE CA 90040	CUPA LA COUNTY

Facility ID: FA0009505
CERS ID: 0

Inactive Facility Details

PE: 3001

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
36	3 of 3	ESE	0.22 / 1,136.47	137.41 / -5	BLUE CHIP STAMPS 5801 S EASTERN AVE COMMERCE CA	UST SWEEPS

C C:	A19-000-190	**D Filename:**	SITE04A
BOE:		**Page No:**	146
Comp:	190	**County:**	LOS ANGELES
Status:	ACTIVE	**State :**	CA
No of Tanks:		**Zip:**	
Jurisdict:	LOS ANGELES COUNTY	**Latitude:**	33.98589
Agency:	WASTE MANAGEMENT DEPARTMENT	**Longitude:**	-118.162246
Phone:		**Georesult:**	S5HPNTS--A

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
37	1 of 1	ENE	0.22 / 1,178.45	139.41 / -3	ALLIED RECORD CO 5699 RICKENBACKER RD BELL CA 90201	CUPA LA COUNTY

Facility ID: FA0021974
CERS ID: 0

Inactive Facility Details

PE: 3001

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
38	1 of 3	ESE	0.24 / 1,289.24	137.41 / -5	BLUE CHIP STAMPS 5801 SO. EASTERN AVENUE LOS ANGELES CA 90040	HHSS

County: Los Angeles
Tank Details Microfiche: http://geotracker.waterboards.ca.gov/ustpdfs/pdf/000267ac.pdf

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
38	2 of 3	ESE	0.24 / 1,289.24	137.41 / -5	BLUE CHIP STAMPS 5801 SOUTH EASTERN AVE. COMMERCE CA 90040	EMISSIONS

1990 Criteria Data

Facility ID:	63684	**CERR Code:**	
Facility SIC Code:	7389	**TOGT:**	0
CO:	19	**ROGT:**	0
Air Basin:	SC	**COT:**	0
District:	SC	**NOXT:**	.1
COID:	LA	**SOXT:**	
DISN:	SOUTH COAST AQMD	**PMT:**	0
CHAPIS:		**PM10T:**	0

1990 Toxic Data

Facility ID:	63684	**COID:**	LA
Facility SIC Code:	7389	**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:			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
38	3 of 3	ESE	0.24 / 1,289.24	137.41 / -5	BLUE CHIP STAMPS 5801 SO. EASTERN AVENUE LOS ANGELES CA	HIST TANK

Owner Name: BLUE CHIP STAMPS
Owner Street: 5801 SO. EASTERN AVENUE
Owner City: LOS ANGELES
Owner State: CA
Owner Zip: 90040
No of Containers: 2
County: LOS ANGELES
Facility State: CA
Facility Zip: 90040

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
39	1 of 9	ESE	0.25 / 1,308.20	137.41 / -5	5800 S EASTERN AVE LOS ANGELES CA 90040	HMS LA

Site No: 000144
Area: 3V

Detail Info

Permit No:
Permit Cat Desc:
Status Code: OPEN
Status Desc: File Opened, no permit exists
Permit Status Desc:
Permit Type:
Permit Type Desc:
Permit Status Code:
Permit Category:
File No: 062307
File Name: REGUS

Detail Info

Permit No: 000000639
Permit Cat Desc: Industrial Waste Permit
Status Code: CLOS
Status Desc: Permit Closed
Permit Status Desc: Permit Closed
Permit Type: 00
Permit Type Desc: Open Industrial Waste Permit Record (historic)
Permit Status Code: CLOS
Permit Category: I
File No: I00145
File Name: CHRYSLER MOTORS OF CALIF

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
39	2 of 9	ESE	0.25 / 1,308.20	137.41 / -5	BANK OF AMERICA 5800 S. EASTERN AVE. COMMERCE CA 90040	RCRA NON GEN

EPA Handler ID: CAC002968180
Gen Status Universe: No Report
Contact Name: JOE RYAN
Contact Address: 275 S. VALENICA AVE. , , BREA , CA, 92823 ,
Contact Phone No and Ext: 714-577-0865
Contact Email: MMORGAN@TRISPANINC.COM
Contact Country:
County Name: LOS ANGELES
EPA Region: 09
Land Type:
Receive Date: 20180626
Location Latitude: 33.985423
Location Longitude: -118.162027

Violation/Evaluation Summary

Note: NO RECORDS: As of Nov 2021, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

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:	20180626
Handler Name:	BANK OF AMERICA
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:***	275 S. VALENICA AVE.
Name:	BANK OF AMERICA	***Street 2:***	
Date Became Current:		***City:***	BREA
Date Ended Current:		***State:***	CA
Phone:	714-577-0865	***Country:***	
Source Type:	Implementer	***Zip Code:***	92823

Owner/Operator Ind:	Current Operator	***Street No:***	
Type:	Other	***Street 1:***	275 S. VALENICA AVE.
Name:	JOE RYAN	***Street 2:***	
Date Became Current:		***City:***	BREA
Date Ended Current:		***State:***	CA
Phone:	714-577-0865	***Country:***	
Source Type:	Implementer	***Zip Code:***	92823

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
39	3 of 9	ESE	0.25 / 1,308.20	137.41 / -5	AP-COMMERCE CORPORATE, LLC 5800 S. EASTERN AVE. COMMERCE CA 90040	RCRA TSD

EPA Handler ID:	CAC003014782
Gen Status Universe:	No Report
Contact Name:	KEITH MOORE
Contact Address:	12383 LEWIS ST., STE. 200 , , GARDEN GROVE , CA, 92840 ,
Contact Phone No and Ext:	562-435-2100
Contact Email:	KMOORE@THEABBEYCO.COM
Contact Country:	
Land Type:	
County Name:	LOS ANGELES
EPA Region:	09
Receive Date:	20190513
Location Latitude:	33.985423
Location Longitude:	-118.162027

Violation/Evaluation Summary

Note:	NO RECORDS: As of Nov 2021, 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:	AP-COMMERCE CORPORATE, LLC
Federal Waste Generator Code:	N
Generator Code Description:	Not a Generator, Verified
Source Type:	Implementer

Owner/Operator Details

Owner/Operator Ind:	Current Owner	***Street No:***	
Type:	Other	***Street 1:***	12383 LEWIS ST., STE. 200
Name:	AP-COMMERCE CORPORATE, LLC	***Street 2:***	
Date Became Current:		***City:***	GARDEN GROVE
Date Ended Current:		***State:***	CA
Phone:	562-435-2100	***Country:***	
Source Type:	Implementer	***Zip Code:***	92840

Owner/Operator Ind:	Current Operator	***Street No:***	
Type:	Other	***Street 1:***	12383 LEWIS ST., STE. 200
Name:	KEITH MOORE	***Street 2:***	
Date Became Current:		***City:***	GARDEN GROVE
Date Ended Current:		***State:***	CA
Phone:	562-435-2100	***Country:***	
Source Type:	Implementer	***Zip Code:***	92840

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
39	4 of 9	ESE	0.25 / 1,308.20	137.41 / -5	AP-COMMERCE CORPORATE, LLC 5800 S. EASTERN AVE. COMMERCE CA 90040	RCRA NON GEN

EPA Handler ID:	CAC003014782
Gen Status Universe:	No Report
Contact Name:	KEITH MOORE
Contact Address:	12383 LEWIS ST., STE. 200 , , GARDEN GROVE , CA, 92840 ,
Contact Phone No and Ext:	562-435-2100
Contact Email:	KMOORE@THEABBEYCO.COM
Contact Country:	
County Name:	LOS ANGELES
EPA Region:	09
Land Type:	
Receive Date:	20190513
Location Latitude:	33.985423
Location Longitude:	-118.162027

Violation/Evaluation Summary

Note:	NO RECORDS: As of Nov 2021, 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:	20190513
Handler Name:	AP-COMMERCE CORPORATE, 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:***	12383 LEWIS ST., STE. 200
Name:	AP-COMMERCE CORPORATE, LLC	***Street 2:***	
Date Became Current:		***City:***	GARDEN GROVE
Date Ended Current:		***State:***	CA
Phone:	562-435-2100	***Country:***	
Source Type:	Implementer	***Zip Code:***	92840

Owner/Operator Ind:	Current Operator	***Street No:***	
Type:	Other	***Street 1:***	12383 LEWIS ST., STE. 200
Name:	KEITH MOORE	***Street 2:***	
Date Became Current:		***City:***	GARDEN GROVE
Date Ended Current:		***State:***	CA
Phone:	562-435-2100	***Country:***	
Source Type:	Implementer	***Zip Code:***	92840

39	*5 of 9*	*ESE*	*0.25 / 1,308.20*	*137.41 / -5*	***LOCAL DISTRICT 6 OFFICES 5800 S EASTERN AVE COMMERCE CA 90040***	***RCRA LQG***

EPA Handler ID:	CAR000192617
Gen Status Universe:	Large Quantity Generator
Contact Name:	SOE AUNG
Contact Address:	333 S BEAUDRY AVE , LAUSD OEHS 20TH FL , LOS ANGELES , CA, 90017 , US
Contact Phone No and Ext:	213-241-3904
Contact Email:	SOE.AUNG@LAUSD.NET
Contact Country:	US
County Name:	LOS ANGELES

EPA Region:	09
Land Type:	District
Receive Date:	20080529
Location Latitude:	33.985423
Location Longitude:	-118.162027

Violation/Evaluation Summary

Note:	NO RECORDS: As of Nov 2021, 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:	20080529
Handler Name:	LOCAL DISTRICT 6 OFFICES
Federal Waste Generator Code:	1
Generator Code Description:	Large Quantity Generator
Source Type:	Notification

Waste Code Details

Hazardous Waste Code:	D008
Waste Code Description:	LEAD

Owner/Operator Details

Owner/Operator Ind:	Current Operator	***Street No:***	
Type:	District	***Street 1:***	
Name:	LOCAL DISTRICT 6 OFFICES	***Street 2:***	
Date Became Current:	20080516	***City:***	
Date Ended Current:		***State:***	
Phone:		***Country:***	
Source Type:	Notification	***Zip Code:***	
Owner/Operator Ind:	Current Owner	***Street No:***	
Type:	District	***Street 1:***	333 S BEAUDRY AVE
Name:	LOS ANGELES UNIFIED SCHOOL DISTRICT	***Street 2:***	
Date Became Current:	20080516	***City:***	LOS ANGELES
Date Ended Current:		***State:***	CA
Phone:		***Country:***	US
Source Type:	Notification	***Zip Code:***	90017

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
39	6 of 9	ESE	0.25 / 1,308.20	137.41 / -5	AP-COMMERCE CORPORATE, LLC 5800 S EASTERN AVE COMMERCE CA 90040-4016	RCRA NON GEN

EPA Handler ID: CAC003047570
Gen Status Universe: No Report
Contact Name: KEITH MOORE
Contact Address: 12383 LEWIS ST., STE. 200 , , GARDEN GROVE , CA, 92840-4643 ,
Contact Phone No and Ext: 562-435-2100
Contact Email: KMOORE@THEABBEYCO.COM
Contact Country:
County Name: LOS ANGELES
EPA Region: 09
Land Type:
Receive Date: 20191217
Location Latitude:
Location Longitude:

Violation/Evaluation Summary

Note: NO RECORDS: As of Nov 2021, 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: 20191217
Handler Name: AP-COMMERCE CORPORATE, 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: AP-COMMERCE CORPORATE, LLC
Date Became Current:
Date Ended Current:
Phone: 562-435-2100
Source Type: Implementer
Street No:
Street 1: 12383 LEWIS ST., STE. 200
Street 2:
City: GARDEN GROVE
State: CA
Country:
Zip Code: 92840-4643

Owner/Operator Ind: Current Operator
Type: Other
Name: KEITH MOORE
Street No:
Street 1: 12383 LEWIS ST., STE. 200
Street 2:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Date Became Current:		**City:**	GARDEN GROVE
Date Ended Current:		**State:**	CA
Phone:	562-435-2100	**Country:**	
Source Type:	Implementer	**Zip Code:**	92840-4643

39	7 of 9	ESE	0.25 / 1,308.20	137.41 / -5	AP-COMMERCE CORPORATE, LLC 5800 S. EASTERN AVE. COMMERCE CA 90040	RCRA NON GEN

EPA Handler ID:	CAC003101711
Gen Status Universe:	No Report
Contact Name:	KEITH MOORE
Contact Address:	12447 LEWIS ST., STE. 203 , , GARDEN GROVE , CA, 92840 ,
Contact Phone No and Ext:	562-435-2100
Contact Email:	KMOORE@THEABBEYCO.OCOM
Contact Country:	
County Name:	LOS ANGELES
EPA Region:	09
Land Type:	
Receive Date:	20210120
Location Latitude:	
Location Longitude:	

Violation/Evaluation Summary

Note:	NO RECORDS: As of Nov 2021, 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:	20210120
Handler Name:	AP-COMMERCE CORPORATE, LLC
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:**	12447 LEWIS ST., STE. 203
Name:	KEITH MOORE	**Street 2:**	
Date Became Current:		**City:**	GARDEN GROVE
Date Ended Current:		**State:**	CA

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Phone:	562-435-2100	**Country:**	
Source Type:	Implementer	**Zip Code:**	92840
Owner/Operator Ind:	Current Owner	**Street No:**	
Type:	Other	**Street 1:**	12447 LEWIS ST., STE. 203
Name:	AP-COMMERCE CORPORATE, LLC	**Street 2:**	
Date Became Current:		**City:**	GARDEN GROVE
Date Ended Current:		**State:**	CA
Phone:	562-435-2100	**Country:**	
Source Type:	Implementer	**Zip Code:**	92840

39	8 of 9	ESE	0.25 / 1,308.20	137.41 / -5	BANK OF AMERICA 5800 S. EASTERN AVE. COMMERCE CA 90040	RCRA NON GEN

EPA Handler ID:	CAC003103903
Gen Status Universe:	No Report
Contact Name:	BANK OF AMERICA
Contact Address:	275 S. VALENCIA AVE. , , BREA , CA, 92823 ,
Contact Phone No and Ext:	714-577-0865
Contact Email:	MMORGAN@TRISPANINC.COM
Contact Country:	
County Name:	LOS ANGELES
EPA Region:	09
Land Type:	
Receive Date:	20210203
Location Latitude:	
Location Longitude:	

Violation/Evaluation Summary

Note:	NO RECORDS: As of Nov 2021, 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:	20210203
Handler Name:	BANK OF AMERICA
Source Type:	Implementer
Federal Waste Generator Code:	N
Generator Code Description:	Not a Generator, Verified

Owner/Operator Details

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:**	275 S. VALENCIA AVE.
Name:	BANK OF AMERICA	**Street 2:**	
Date Became Current:		**City:**	BREA
Date Ended Current:		**State:**	CA
Phone:	714-577-0865	**Country:**	
Source Type:	Implementer	**Zip Code:**	92823

Owner/Operator Ind:	Current Owner	**Street No:**	
Type:	Other	**Street 1:**	275 S. VALENCIA AVE.
Name:	BANK OF AMERICA	**Street 2:**	
Date Became Current:		**City:**	BREA
Date Ended Current:		**State:**	CA
Phone:	714-577-0865	**Country:**	
Source Type:	Implementer	**Zip Code:**	92823

39	9 of 9	ESE	0.25 / 1,308.20	137.41 / -5	**BANK OF AMERICA** **5800 S. EASTERN AVE.** **COMMERCE CA 90040**	**RCRA NON GEN**

EPA Handler ID:	CAC003120971
Gen Status Universe:	No Report
Contact Name:	BANK OF AMERICA
Contact Address:	275 S. VALENCIA AVE. , , BREA , CA, 92823 ,
Contact Phone No and Ext:	714-577-0865
Contact Email:	MMORGAN@TRISPANINC.COM
Contact Country:	
County Name:	LOS ANGELES
EPA Region:	09
Land Type:	
Receive Date:	20210521
Location Latitude:	
Location Longitude:	

Violation/Evaluation Summary

Note:	NO RECORDS: As of Nov 2021, 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:	20210521
Handler Name:	BANK OF AMERICA
Source Type:	Implementer
Federal Waste Generator Code:	N
Generator Code Description:	Not a Generator, Verified

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:***	275 S. VALENCIA AVE.
Name:	BANK OF AMERICA	***Street 2:***	
Date Became Current:		***City:***	BREA
Date Ended Current:		***State:***	CA
Phone:	714-577-0865	***Country:***	
Source Type:	Implementer	***Zip Code:***	92823

Owner/Operator Ind:	Current Operator	***Street No:***	
Type:	Other	***Street 1:***	275 S. VALENCIA AVE.
Name:	BANK OF AMERICA	***Street 2:***	
Date Became Current:		***City:***	BREA
Date Ended Current:		***State:***	CA
Phone:	714-577-0865	***Country:***	
Source Type:	Implementer	***Zip Code:***	92823

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
40	1 of 6	WSW	0.29 / 1,521.14	142.39 / 0	PEMACO MAYWOOD 5050 SLAUSON BOULEVARD MAYWOOD CA 90270	CERCLIS

Site ID:	0904950	***RNPL Status Code:***	F
Site EPA ID:	CAD980737092	***NPL Status:***	Currently on the Final NPL
Site Street Address 2:		***RFED Facility Code:***	N
Site County Name:	LOS ANGELES	***RFED Facility Desc:***	Not a Federal Facility
Site FIPS Code:	06037	***USGS Hydro Unit No.:***	18070105
Region Code:	09	***Site Cong. Dist. Code:***	40
Site SMSA No.:	4480	***ROT Desc:***	Unknown
Site Prim. Latitude:	+33.985410	***FR NPL Update No.:***	32
Site Prim. Longitude:	-118.171250	***RFRA Code:***	F
Lat Long Source:	EPA HQ		
RNON NPL Status Desc:			

CERCLIS Site Contact Name(s)

Person ID:	9000056.00
First Name:	Rosemarie
Last Name:	Caraway
Phone No.:	4159723158
Email:	

CERCLIS Site Contact Name(s)

Person ID:	9270501.00
First Name:	Daniel M.
Last Name:	Shane
Phone No.:	4159723037
Email:	

CERCLIS Site Contact Name(s)

Person ID:	13004003.00
First Name:	Carl
Last Name:	Brickner
Phone No.:	
Email:	

CERCLIS Site Contact Name(s)

Person ID:	13003854.00

First Name: Leslie
Last Name: Ramirez
Phone No.: 4159723978
Email:

CERCLIS Site Contact Name(s)

Person ID: 13003858.00
First Name: Sharon
Last Name: Murray
Phone No.: 4159724250
Email:

CERCLIS Assess History

OU ID: 01
Act Code ID: 001
RAT Code: RO
RAT Short Name: ROD
RAT Name: RECORD OF DECISION
RAT Hist. Only Flag:
RAT NSI Indicator: B
RAT Level: 1
RAT DEF OU:
RFBS Code:
SPA Code: 13
RALT Short Name: EPA Fund
Act Start Date:
Act Complete Date: 1/13/2005 00:00:00
AGT Order No.: 610
SH OU:
SH Code:
SH Seq:
SH Start Date:
SH Complete Date:
SH Lead:
RAT Def: The final Record of Decision (ROD) is signed by the appropriate agency indicating that the agency has chosen the remedy for site remediation. ROD signature is signified by the complete date.
Site Desc:
Site Alias:

CERCLIS Assess History

OU ID: 01
Act Code ID: 001
RAT Code: RD
RAT Short Name: RD
RAT Name: REMEDIAL DESIGN
RAT Hist. Only Flag:
RAT NSI Indicator: B
RAT Level: 1
RAT DEF OU:
RFBS Code: P
SPA Code: 13
RALT Short Name: EPA Fund
Act Start Date: 6/28/2004 00:00:00
Act Complete Date: 9/21/2006 00:00:00
AGT Order No.: 790
SH OU:
SH Code:
SH Seq:
SH Start Date:
SH Complete Date:
SH Lead:
RAT Def: The process of fully detailing and specifying the selected remedy identified in the ROD or EDD.
Site Desc:
Site Alias:

CERCLIS Assess History

OU ID: 00
Act Code ID: 002
RAT Code: RV
RAT Short Name: RMVL
RAT Name: REMOVAL
RAT Hist. Only Flag:
RAT NSI Indicator: B
RAT Level: 1
RAT DEF OU: 00
RFBS Code: V
SPA Code: 08
RALT Short Name: EPA Fund
Act Start Date: 8/18/1997 00:00:00
Act Complete Date: 3/3/1999 00:00:00
AGT Order No.: 70
SH OU:
SH Code:
SH Seq:
SH Start Date:
SH Complete Date:
SH Lead:
RAT Def: Response action that requires expeditious attention to reduce imminent and substantial dangers to human health, welfare, or the environment or an emergency response required within hours or days to address acute situations involving actual or potential threat to human health, the environment, or real or personal property due to the release

of a hazardous substance. Characterization of a removal action as removal, not immediate removal or planned removal, started at the beginning of FY 1987. This code now takes the place of immediate removal (IR) and planned removal (PR).

Site Desc:
Site Alias:

CERCLIS Assess History

OU ID:	01	***RALT Short Name:***	EPA Fund
Act Code ID:	001	***Act Start Date:***	5/1/2005 00:00:00
RAT Code:	RA	***Act Complete Date:***	
RAT Short Name:	RA	***AGT Order No.:***	850
RAT Name:	REMEDIAL ACTION	***SH OU:***	
RAT Hist. Only Flag:		***SH Code:***	
RAT NSI Indicator:	B	***SH Seq:***	
RAT Level:	1	***SH Start Date:***	
RAT DEF OU:		***SH Complete Date:***	
RFBS Code:	A	***SH Lead:***	
SPA Code:	09		

RAT Def: The implementation of a permanent resolution to address a release or potential release of a hazardous substance from a site.

Site Desc:
Site Alias:

CERCLIS Assess History

OU ID:	01	***RALT Short Name:***	EPA Fund
Act Code ID:	001	***Act Start Date:***	
RAT Code:	FE	***Act Complete Date:***	9/30/2010 00:00:00
RAT Short Name:	5 YEAR	***AGT Order No.:***	1010
RAT Name:	FIVE-YEAR REVIEW	***SH OU:***	
RAT Hist. Only Flag:		***SH Code:***	
RAT NSI Indicator:	B	***SH Seq:***	
RAT Level:	1	***SH Start Date:***	
RAT DEF OU:	00	***SH Complete Date:***	
RFBS Code:	A	***SH Lead:***	
SPA Code:	09		

RAT Def: A review that is conducted at a minimum of every five years to determine if the implementation and performance of a remedy is protective or will be protective of human health and the environment.

Site Desc:
Site Alias:

CERCLIS Assess History

OU ID:	00	***RALT Short Name:***	
Act Code ID:		***Act Start Date:***	
RAT Code:		***Act Complete Date:***	
RAT Short Name:		***AGT Order No.:***	0
RAT Name:		***SH OU:***	
RAT Hist. Only Flag:		***SH Code:***	
RAT NSI Indicator:		***SH Seq:***	
RAT Level:		***SH Start Date:***	
RAT DEF OU:		***SH Complete Date:***	
RFBS Code:		***SH Lead:***	
SPA Code:			
RAT Def:			

Site Desc: The Pemaco Superfund Site (Pemaco) is a 1.4-acre site located at 5050 Slauson Avenue in the City of Maywood, California. Maywood is an urban area located in eastern Los Angeles County. The site is adjacent to a residential neighborhood, a residential park **NOTE: Data in [Site Desc] field for some recods is truncated from the source.

Site Alias: PEMACO MAYWOOD,5040 SLAUSON BLVD.,MAYWOOD,CA,90270;PEMACO MAYWOOD,5050 SLAUSON BOULEVARD,MAYWOOD,CA,90270;

CERCLIS Assess History

OU ID:	00	***RALT Short Name:***	EPA Fund

Act Code ID:	001	**Act Start Date:**	
RAT Code:	HR	**Act Complete Date:**	6/25/1999 00:00:00
RAT Short Name:	HAZRANK	**AGT Order No.:**	190
RAT Name:	HAZARD RANKING SYSTEM PACKAGE	**SH OU:**	
RAT Hist. Only Flag:		**SH Code:**	
RAT NSI Indicator:	B	**SH Seq:**	
RAT Level:	1	**SH Start Date:**	
RAT DEF OU:	00	**SH Complete Date:**	
RFBS Code:	P	**SH Lead:**	
SPA Code:	13		

RAT Def: A numeric estimate of the relative severity of a hazardous substance release or potential release based on: (1) the relative potential of substances to cause hazardous situations; (2) the likelihood and rate at which the substances may affect human and environmental receptors; and (3) the severity and magnitude of potential effects. The score is computed using the hazard ranking system (HRS).

Site Desc:
Site Alias:

CERCLIS Assess History

OU ID:	00	**RALT Short Name:**	EPA Fund
Act Code ID:	001	**Act Start Date:**	
RAT Code:	NP	**Act Complete Date:**	7/28/1998 00:00:00
RAT Short Name:	PROPOSED	**AGT Order No.:**	200
RAT Name:	PROPOSAL TO NATIONAL PRIORITIES LIST	**SH OU:**	
RAT Hist. Only Flag:		**SH Code:**	
RAT NSI Indicator:	B	**SH Seq:**	
RAT Level:	1	**SH Start Date:**	
RAT DEF OU:	00	**SH Complete Date:**	
RFBS Code:	P	**SH Lead:**	
SPA Code:	13		

RAT Def: Site proposed for inclusion on the National Priority List based on the Hazard Ranking System (HRS) score for the site.

Site Desc:
Site Alias:

CERCLIS Assess History

OU ID:	00	**RALT Short Name:**	EPA Fund
Act Code ID:	001	**Act Start Date:**	
RAT Code:	NF	**Act Complete Date:**	1/19/1999 00:00:00
RAT Short Name:	NPL FINL	**AGT Order No.:**	202
RAT Name:	FINAL LISTING ON NATIONAL PRIORITIES LIST	**SH OU:**	
RAT Hist. Only Flag:		**SH Code:**	
RAT NSI Indicator:	B	**SH Seq:**	
RAT Level:	1	**SH Start Date:**	
RAT DEF OU:	00	**SH Complete Date:**	
RFBS Code:	P	**SH Lead:**	
SPA Code:	13		

RAT Def: Site moved from proposed list to final National Priority List.
Site Desc:
Site Alias:

CERCLIS Assess History

OU ID:	01	**RALT Short Name:**	EPA Fund
Act Code ID:	001	**Act Start Date:**	
RAT Code:	CM	**Act Complete Date:**	9/25/2007 00:00:00
RAT Short Name:	PCOR	**AGT Order No.:**	895
RAT Name:	PRELIMINARY CLOSE-OUT REPORT PREPARED	**SH OU:**	
RAT Hist. Only Flag:		**SH Code:**	
RAT NSI Indicator:	O	**SH Seq:**	
RAT Level:	1	**SH Start Date:**	
RAT DEF OU:		**SH Complete Date:**	
RFBS Code:		**SH Lead:**	

SPA Code: 09
RAT Def: A report prepared by the Remedial Program Manager (RPM) verifying that physical construction of the remedy is complete, indicating minor punch list items that remain and outlining a schedule of the outstanding activities.
Site Desc:
Site Alias:

CERCLIS Assess History

OU ID:	00	**RALT Short Name:**	EPA Fund
Act Code ID:	001	**Act Start Date:**	
RAT Code:	DS	**Act Complete Date:**	2/10/1995 00:00:00
RAT Short Name:	DISCVRY	**AGT Order No.:**	10
RAT Name:	DISCOVERY	**SH OU:**	
RAT Hist. Only Flag:		**SH Code:**	
RAT NSI Indicator:	B	**SH Seq:**	
RAT Level:	1	**SH Start Date:**	
RAT DEF OU:	00	**SH Complete Date:**	
RFBS Code:		**SH Lead:**	

SPA Code: 13
RAT Def: The process by which a potential hazardous waste site is brought to the attention of the EPA. The process can occur through the use of several mechanisms such as a phone call or referral by another government agency.
Site Desc:
Site Alias:

CERCLIS Assess History

OU ID:	00	**RALT Short Name:**	EPA Fund
Act Code ID:	001	**Act Start Date:**	6/1/1995 00:00:00
RAT Code:	SI	**Act Complete Date:**	6/28/1995 00:00:00
RAT Short Name:	SI	**AGT Order No.:**	160
RAT Name:	SITE INSPECTION	**SH OU:**	
RAT Hist. Only Flag:		**SH Code:**	
RAT NSI Indicator:	B	**SH Seq:**	
RAT Level:	1	**SH Start Date:**	
RAT DEF OU:	00	**SH Complete Date:**	
RFBS Code:	P	**SH Lead:**	

SPA Code: 13
RAT Def: The process of collecting site data and samples to characterize the severity of the hazard for the hazard ranking score and/or enforcement support.
Site Desc:
Site Alias:

CERCLIS Assess History

OU ID:	01	**RALT Short Name:**	EPA Fund
Act Code ID:	001	**Act Start Date:**	8/28/2008 00:00:00
RAT Code:	LR	**Act Complete Date:**	
RAT Short Name:	LT RESP	**AGT Order No.:**	890
RAT Name:	LONG TERM RESPONSE ACTION	**SH OU:**	
RAT Hist. Only Flag:		**SH Code:**	
RAT NSI Indicator:	B	**SH Seq:**	
RAT Level:	1	**SH Start Date:**	
RAT DEF OU:		**SH Complete Date:**	
RFBS Code:	A	**SH Lead:**	

SPA Code: 09
RAT Def: Site requirements associated with a remedy that must be performed after completion of a remedial action.
Site Desc:
Site Alias:

CERCLIS Assess History

OU ID:	00	**RALT Short Name:**	EPA Fund
Act Code ID:	001	**Act Start Date:**	
RAT Code:	PA	**Act Complete Date:**	6/28/1995 00:00:00

RAT Short Name:	PA	**AGT Order No.:**	130
RAT Name:	PRELIMINARY ASSESSMENT	**SH OU:**	
RAT Hist. Only Flag:		**SH Code:**	
RAT NSI Indicator:	B	**SH Seq:**	
RAT Level:	1	**SH Start Date:**	
RAT DEF OU:	00	**SH Complete Date:**	
RFBS Code:	P	**SH Lead:**	
SPA Code:	13		

RAT Def: Collection of diverse existing information about the source and nature of the site hazard. It is EPA policy to complete the preliminary assessment within one year of site discovery.

Site Desc:
Site Alias:

CERCLIS Assess History

OU ID:	00	**RALT Short Name:**	EPA Fund
Act Code ID:	001	**Act Start Date:**	
RAT Code:	ES	**Act Complete Date:**	3/16/1998 00:00:00
RAT Short Name:	ESI	**AGT Order No.:**	170
RAT Name:	EXPANDED SITE INSPECTION	**SH OU:**	
RAT Hist. Only Flag:		**SH Code:**	
RAT NSI Indicator:	B	**SH Seq:**	
RAT Level:	1	**SH Start Date:**	
RAT DEF OU:	00	**SH Complete Date:**	
RFBS Code:	P	**SH Lead:**	
SPA Code:	13		

RAT Def: Functions performed to collect additional data, beyond that required for Hazard Ranking System scoring, in order to expedite the Remedial Investigation/Feasibility Study (RI/FS) project planning phase for National Priority List (NPL) sites. The present site inspection focus on pathways and receptors has been expanded to include site and source characterization. The information facilitates the development of RI/FS workplan and sampling and analysis plan.

Site Desc:
Site Alias:

CERCLIS Assess History

OU ID:	00	**RALT Short Name:**	EPA Fund
Act Code ID:	001	**Act Start Date:**	1/13/1999 00:00:00
RAT Code:	MA	**Act Complete Date:**	
RAT Short Name:	ST COOP	**AGT Order No.:**	300
RAT Name:	STATE SUPPORT AGENCY COOPERATIVE AGREEMENT	**SH OU:**	
RAT Hist. Only Flag:		**SH Code:**	
RAT NSI Indicator:	B	**SH Seq:**	
RAT Level:	1	**SH Start Date:**	
RAT DEF OU:	00	**SH Complete Date:**	
RFBS Code:	P	**SH Lead:**	
SPA Code:	09		

RAT Def: Federal renumeration of state administrative costs of participation in site-specific remedial planning or implementation activities.

Site Desc:
Site Alias:

CERCLIS Assess History

OU ID:	00	**RALT Short Name:**	EPA Fund
Act Code ID:	001	**Act Start Date:**	2/3/1994 00:00:00
RAT Code:	AR	**Act Complete Date:**	2/3/1994 00:00:00
RAT Short Name:	ADMM REC	**AGT Order No.:**	580
RAT Name:	ADMINISTRATIVE RECORDS	**SH OU:**	
RAT Hist. Only Flag:		**SH Code:**	
RAT NSI Indicator:	B	**SH Seq:**	
RAT Level:	1	**SH Start Date:**	
RAT DEF OU:	00	**SH Complete Date:**	
RFBS Code:	P	**SH Lead:**	
SPA Code:	13		

RAT Def: SARA specifies that administrative records be compiled at Superfund sites where remedial or removal responses

are planned, or are occurring, or where EPA is issuing a unilateral order or initiating litigation to track enforcement case budget funds used for any RP lead activity.

Site Desc:
Site Alias:

CERCLIS Assess History

OU ID:	00	***RALT Short Name:***	EPA Fund
Act Code ID:	001	***Act Start Date:***	
RAT Code:	TG	***Act Complete Date:***	1/13/2005 00:00:00
RAT Short Name:	TA GRANT	***AGT Order No.:***	600
RAT Name:	TECHNICAL ASSISTANCE GRANT	***SH OU:***	
RAT Hist. Only Flag:		***SH Code:***	
RAT NSI Indicator:	B	***SH Seq:***	
RAT Level:	1	***SH Start Date:***	
RAT DEF OU:	00	***SH Complete Date:***	
RFBS Code:	P	***SH Lead:***	
SPA Code:	13		

RAT Def: A grant of up to $50,000 provided under SARA to a community for technical assistance in dealing with Superfund issues at a National Priority List (NPL) site.

Site Desc:
Site Alias:

CERCLIS Assess History

OU ID:	01	***RALT Short Name:***	EPA Fund
Act Code ID:	003	***Act Start Date:***	8/26/2003 00:00:00
RAT Code:	RV	***Act Complete Date:***	8/28/2003 00:00:00
RAT Short Name:	RMVL	***AGT Order No.:***	70
RAT Name:	REMOVAL	***SH OU:***	
RAT Hist. Only Flag:		***SH Code:***	
RAT NSI Indicator:	B	***SH Seq:***	
RAT Level:	1	***SH Start Date:***	
RAT DEF OU:	00	***SH Complete Date:***	
RFBS Code:	V	***SH Lead:***	
SPA Code:	08		

RAT Def: Response action that requires expeditious attention to reduce imminent and substantial dangers to human health, welfare, or the environment or an emergency response required within hours or days to address acute situations involving actual or potential threat to human health, the environment, or real or personal property due to the release of a hazardous substance. Characterization of a removal action as removal, not immediate removal or planned removal, started at the beginning of FY 1987. This code now takes the place of immediate removal (IR) and planned removal (PR).

Site Desc:
Site Alias:

CERCLIS Assess History

OU ID:	01	***RALT Short Name:***	EPA Fund
Act Code ID:	001	***Act Start Date:***	4/3/2000 00:00:00
RAT Code:	CO	***Act Complete Date:***	1/13/2005 00:00:00
RAT Short Name:	RI/FS	***AGT Order No.:***	430
RAT Name:	COMBINED REMEDIAL INVESTIGATION/FEASIBILITY STUDY	***SH OU:***	
RAT Hist. Only Flag:		***SH Code:***	
RAT NSI Indicator:	B	***SH Seq:***	
RAT Level:	1	***SH Start Date:***	
RAT DEF OU:		***SH Complete Date:***	
RFBS Code:	P	***SH Lead:***	
SPA Code:	13		

RAT Def: The process of data collection and analyses of the site problem, identification of preliminary remedial alternatives, and recommendation of a cost-effective remedy. There can be multiple Remedial Investigation/Feasibility Studies (RI/FS) conducted at a site.

Site Desc:
Site Alias:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

CERCLIS Assess History

OU ID:	00	***RALT Short Name:***	EPA Fund
Act Code ID:	001	***Act Start Date:***	12/14/1993 00:00:00
RAT Code:	RV	***Act Complete Date:***	9/29/1994 00:00:00
RAT Short Name:	RMVL	***AGT Order No.:***	70
RAT Name:	REMOVAL	***SH OU:***	
RAT Hist. Only Flag:		***SH Code:***	
RAT NSI Indicator:	B	***SH Seq:***	
RAT Level:	1	***SH Start Date:***	
RAT DEF OU:	00	***SH Complete Date:***	
RFBS Code:	V	***SH Lead:***	
SPA Code:	08		

RAT Def: Response action that requires expeditious attention to reduce imminent and substantial dangers to human health, welfare, or the environment or an emergency response required within hours or days to address acute situations involving actual or potential threat to human health, the environment, or real or personal property due to the release of a hazardous substance. Characterization of a removal action as removal, not immediate removal or planned removal, started at the beginning of FY 1987. This code now takes the place of immediate removal (IR) and planned removal (PR).

Site Desc:

Site Alias:

CERCLIS Assess History

OU ID:	00	***RALT Short Name:***	EPA Fund
Act Code ID:	002	***Act Start Date:***	1/31/1994 00:00:00
RAT Code:	AR	***Act Complete Date:***	3/30/2004 00:00:00
RAT Short Name:	ADMM REC	***AGT Order No.:***	580
RAT Name:	ADMINISTRATIVE RECORDS	***SH OU:***	
RAT Hist. Only Flag:		***SH Code:***	
RAT NSI Indicator:	B	***SH Seq:***	
RAT Level:	1	***SH Start Date:***	
RAT DEF OU:	00	***SH Complete Date:***	
RFBS Code:	P	***SH Lead:***	
SPA Code:	13		

RAT Def: SARA specifies that administrative records be compiled at Superfund sites where remedial or removal responses are planned, or are occurring, or where EPA is issuing a unilateral order or initiating litigation to track enforcement case budget funds used for any RP lead activity.

Site Desc:

Site Alias:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
40	2 of 6	WSW	0.29 / 1,521.14	142.39 / 0	PEMACO MAYWOOD 5050 SLAUSON BOULEVARD MAYWOOD CA 90270	FED ENG

EPA ID:	CAD980737092
Region Code:	09
County:	LOS ANGELES
Latitude:	33.985417
Longitude:	-118.171250

Control Details

Actual Completion Date:	1/13/2005 5:00:00 AM
Fiscal Year:	2005
NPL Status:	Currently on the Final NPL
Action Type:	Record of Decision
Remedy Component:	Multi-phase Extraction (insitu)
Media:	Groundwater
Federal Facility:	No
Superfund Alt. Agreement:	No
Operable Unit No:	01
Sequence ID:	1

Actual Completion Date:	1/13/2005 5:00:00 AM
Fiscal Year:	2005

NPL Status: Currently on the Final NPL
Action Type: Record of Decision
Remedy Component: Monitoring
Media: Groundwater
Federal Facility: No
Superfund Alt. Agreement: No
Operable Unit No: 01
Sequence ID: 1

Actual Completion Date: 1/13/2005 5:00:00 AM
Fiscal Year: 2005
NPL Status: Currently on the Final NPL
Action Type: Record of Decision
Remedy Component: Thermal Treatment (insitu)
Media: Soil
Federal Facility: No
Superfund Alt. Agreement: No
Operable Unit No: 01
Sequence ID: 1

Actual Completion Date: 1/13/2005 5:00:00 AM
Fiscal Year: 2005
NPL Status: Currently on the Final NPL
Action Type: Record of Decision
Remedy Component: Extraction (recovery/vertical well)
Media: Groundwater
Federal Facility: No
Superfund Alt. Agreement: No
Operable Unit No: 01
Sequence ID: 1

Actual Completion Date: 1/13/2005 5:00:00 AM
Fiscal Year: 2005
NPL Status: Currently on the Final NPL
Action Type: Record of Decision
Remedy Component: Carbon Adsorption (liquid phase, P&T, exsitu)
Media: Groundwater
Federal Facility: No
Superfund Alt. Agreement: No
Operable Unit No: 01
Sequence ID: 1

Actual Completion Date: 1/13/2005 5:00:00 AM
Fiscal Year: 2005
NPL Status: Currently on the Final NPL
Action Type: Record of Decision
Remedy Component: Revegetation
Media: Soil
Federal Facility: No
Superfund Alt. Agreement: No
Operable Unit No: 01
Sequence ID: 1

Actual Completion Date: 1/13/2005 5:00:00 AM
Fiscal Year: 2005
NPL Status: Currently on the Final NPL
Action Type: Record of Decision
Remedy Component: Treatment (other, NOS, exsitu, onsite)
Media: Groundwater
Federal Facility: No
Superfund Alt. Agreement: No
Operable Unit No: 01
Sequence ID: 1

Actual Completion Date: 1/13/2005 5:00:00 AM
Fiscal Year: 2005
NPL Status: Currently on the Final NPL
Action Type: Record of Decision
Remedy Component: Ultraviolet (UV) Oxidation (P&T, exsitu)

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Media: Groundwater
Federal Facility: No
Superfund Alt. Agreement: No
Operable Unit No: 01
Sequence ID: 1

Actual Completion Date: 1/13/2005 5:00:00 AM
Fiscal Year: 2005
NPL Status: Currently on the Final NPL
Action Type: Record of Decision
Remedy Component: Cap (engineered cap)
Media: Soil
Federal Facility: No
Superfund Alt. Agreement: No
Operable Unit No: 01
Sequence ID: 1

Actual Completion Date: 1/13/2005 5:00:00 AM
Fiscal Year: 2005
NPL Status: Currently on the Final NPL
Action Type: Record of Decision
Remedy Component: Monitored Natural Attenuation
Media: Groundwater
Federal Facility: No
Superfund Alt. Agreement: No
Operable Unit No: 01
Sequence ID: 1

40	3 of 6	WSW	0.29 / 1,521.14	142.39 / 0	PEMACO MAYWOOD 5050 SLAUSON BOULEVARD MAYWOOD CA 90270	FED INST

EPA ID: CAD980737092
Region Code: 09
County: LOS ANGELES
Latitude: 33.985417
Longitude: -118.171250

Control Details

Actual Completion Date: 1/13/2005 5:00:00 AM
Fiscal Year: 2005
NPL Status: Currently on the Final NPL
Action Type: Record of Decision
Remedy Component: Institutional Controls
Media: Soil
Federal Facility: No
Superfund Alt. Agreement: No
Operable Unit No: 01
Sequence ID: 1

Actual Completion Date: 1/13/2005 5:00:00 AM
Fiscal Year: 2005
NPL Status: Currently on the Final NPL
Action Type: Record of Decision
Remedy Component: Institutional Controls
Media: Groundwater
Federal Facility: No
Superfund Alt. Agreement: No
Operable Unit No: 01
Sequence ID: 1

40	4 of 6	WSW	0.29 / 1,521.14	142.39 / 0	PEMACO MAYWOOD 5050 SLAUSON BOULEVARD MAYWOOD CA 90270	NPL

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

EPA ID: CAD980737092
SITE ID: 0904950
SEMS ID: 904950
Latitude: 33.985417
Longitude: -118.17125

NPL (SEMS FOIA 004)

Final Date: 01/19/99
Federal Facility: No
SAA (Superfund Alt.):
NAI: No
NA Entity ((NAI Status):
County: LOS ANGELES
Latitude: 33.985417
Longitude: -118.171250

NPL Status Information (EPA's Where You Live Map)

Status: NPL Site
Construction Completion No: 1023
Construction Completion: 09/25/2007
Proposed Date: 07/28/1998
Listing Date: 01/19/1999
NOID Date:
Deletion Date:
Notice of Data Availability:
Site Listing Narrative: CAD980737092 (PDF)
Site Progress Profile: Pemaco Maywood
Proposed Fr Notice: 07/28/1998 (PDF)
Listing Fr Notice: 01/19/1999 (PDF)
NOID Fr Notice:
Deletion Fr Notice:
Restoration Fr Notice:
Site Had a Partial Deletion: No

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
40	5 of 6	WSW	0.29 / 1,521.14	142.39 / 0	PEMACO MAYWOOD 5050 SLAUSON BOULEVARD MAYWOOD CA 90270	SEMS

EPA ID: CAD980737092
Date SEMS List: 20-OCT-2021
FIPS Code:
Cong District:
County: LOS ANGELES
Latitude: 33.985417
Longitude: -118.171250
Region:
PGM Sys ID(MAP): CAD980737092
Primary Name(MAP): PEMACO INC
Loc Address(MAP): 5050 EAST SLAUSON AVE
City Name(MAP): MAYWOOD
State Code(MAP): CA
Postal Code(MAP): 90270-3004
County Name(MAP): LOS ANGELES
Latitude83(MAP): 33.985417
Longitude83(MAP): -118.17125

Site Level Information

Site ID: 0904950
NPL: Currently on the Final NPL
Federal Facility: No
FF Docket: No
Non NPL Status:
Superfund Alt Agmt: No
FIPS Code: 06037
Cong District: 34,40
Region: 09

Action Information

Operable Units: 00
Action Code: MA
Action Name: ST COOP
SEQ: 1
Start Actual: 01/13/1999
Finish Actual:
Qual:
Curr Action Lead: EPA Perf

Operable Units: 00
Action Code: TA
Start Actual: 08/01/2018
Finish Actual:

Action Name:	TECH ASSIST	**Qual:**	
SEQ:	2	**Curr Action Lead:**	EPA Perf
Operable Units:	00	**Start Actual:**	03/16/1998
Action Code:	ES	**Finish Actual:**	03/16/1998
Action Name:	ESI	**Qual:**	G
SEQ:	1	**Curr Action Lead:**	EPA Perf
Operable Units:	00	**Start Actual:**	04/03/2001
Action Code:	TA	**Finish Actual:**	
Action Name:	TECH ASSIST	**Qual:**	
SEQ:	1	**Curr Action Lead:**	EPA Perf
Operable Units:	00	**Start Actual:**	09/25/2007
Action Code:	CM	**Finish Actual:**	09/25/2007
Action Name:	PCOR	**Qual:**	
SEQ:	1	**Curr Action Lead:**	EPA Perf
Operable Units:	00	**Start Actual:**	07/28/1998
Action Code:	NP	**Finish Actual:**	07/28/1998
Action Name:	PROPOSED	**Qual:**	
SEQ:	1	**Curr Action Lead:**	EPA Perf
Operable Units:	00	**Start Actual:**	09/30/2010
Action Code:	FE	**Finish Actual:**	09/30/2010
Action Name:	5 YEAR	**Qual:**	
SEQ:	1	**Curr Action Lead:**	EPA Perf
Operable Units:	00	**Start Actual:**	03/17/1998
Action Code:	SS	**Finish Actual:**	01/13/2005
Action Name:	ESI RI	**Qual:**	
SEQ:	1	**Curr Action Lead:**	EPA Perf
Operable Units:	01	**Start Actual:**	06/28/2004
Action Code:	RD	**Finish Actual:**	09/21/2006
Action Name:	RD	**Qual:**	
SEQ:	1	**Curr Action Lead:**	EPA Perf
Operable Units:	01	**Start Actual:**	05/01/2005
Action Code:	RA	**Finish Actual:**	09/16/2019
Action Name:	RA	**Qual:**	
SEQ:	1	**Curr Action Lead:**	EPA Perf
Operable Units:	01	**Start Actual:**	08/28/2008
Action Code:	LR	**Finish Actual:**	08/28/2018
Action Name:	LT RESP	**Qual:**	
SEQ:	1	**Curr Action Lead:**	EPA Perf
Operable Units:	01	**Start Actual:**	01/13/2005
Action Code:	RO	**Finish Actual:**	01/13/2005
Action Name:	ROD	**Qual:**	R
SEQ:	1	**Curr Action Lead:**	EPA Perf
Operable Units:	00	**Start Actual:**	09/16/2014
Action Code:	FE	**Finish Actual:**	09/25/2015
Action Name:	5 YEAR	**Qual:**	
SEQ:	2	**Curr Action Lead:**	EPA Perf
Operable Units:	00	**Start Actual:**	02/03/1994
Action Code:	AR	**Finish Actual:**	02/03/1994
Action Name:	ADMIN REC	**Qual:**	V
SEQ:	1	**Curr Action Lead:**	EPA Perf
Operable Units:	01	**Start Actual:**	04/03/2000
Action Code:	CO	**Finish Actual:**	01/13/2005
Action Name:	RI/FS	**Qual:**	
SEQ:	1	**Curr Action Lead:**	EPA Perf
Operable Units:	00	**Start Actual:**	09/20/2019

Action Code:	FE	**Finish Actual:**	09/22/2020
Action Name:	5 YEAR	**Qual:**	
SEQ:	3	**Curr Action Lead:**	EPA Perf
Operable Units:	00	**Start Actual:**	09/16/2019
Action Code:	CM	**Finish Actual:**	09/16/2019
Action Name:	PCOR	**Qual:**	
SEQ:	2	**Curr Action Lead:**	EPA Perf
Operable Units:	00	**Start Actual:**	06/01/1995
Action Code:	SI	**Finish Actual:**	06/28/1995
Action Name:	SI	**Qual:**	H
SEQ:	1	**Curr Action Lead:**	EPA Perf
Operable Units:	00	**Start Actual:**	01/31/1994
Action Code:	AR	**Finish Actual:**	03/30/2004
Action Name:	ADMIN REC	**Qual:**	
SEQ:	2	**Curr Action Lead:**	EPA Perf
Operable Units:	00	**Start Actual:**	07/18/2000
Action Code:	AR	**Finish Actual:**	
Action Name:	ADMIN REC	**Qual:**	
SEQ:	3	**Curr Action Lead:**	EPA Perf
Operable Units:	00	**Start Actual:**	12/14/1993
Action Code:	RV	**Finish Actual:**	09/29/1994
Action Name:	RMVL	**Qual:**	C
SEQ:	1	**Curr Action Lead:**	EPA Perf
Operable Units:	00	**Start Actual:**	02/10/1995
Action Code:	DS	**Finish Actual:**	02/10/1995
Action Name:	DISCVRY	**Qual:**	
SEQ:	1	**Curr Action Lead:**	EPA Perf
Operable Units:	00	**Start Actual:**	12/31/2004
Action Code:	TG	**Finish Actual:**	01/13/2005
Action Name:	TA GRANT	**Qual:**	
SEQ:	1	**Curr Action Lead:**	EPA Perf
Operable Units:	00	**Start Actual:**	06/25/1999
Action Code:	HR	**Finish Actual:**	06/25/1999
Action Name:	HAZRANK	**Qual:**	
SEQ:	1	**Curr Action Lead:**	EPA Perf
Operable Units:	00	**Start Actual:**	01/19/1999
Action Code:	NF	**Finish Actual:**	01/19/1999
Action Name:	NPL FINL	**Qual:**	
SEQ:	1	**Curr Action Lead:**	EPA Perf
Operable Units:	00	**Start Actual:**	06/28/1995
Action Code:	PA	**Finish Actual:**	06/28/1995
Action Name:	PA	**Qual:**	H
SEQ:	1	**Curr Action Lead:**	EPA Perf
Operable Units:	00	**Start Actual:**	04/01/2004
Action Code:	CR	**Finish Actual:**	
Action Name:	CI	**Qual:**	
SEQ:	1	**Curr Action Lead:**	EPA Perf

REST Information

Registry ID:	110002671378	**Pgm Sys Acrnm:**	SEMS
Active Status:	CURRENTLY ON THE FINAL NPL	**Accuracy Value:**	
Key Field:	SEMSCAD980737092	**HUC8 Code:**	18070105
Interest Type:	SUPERFUND NPL	**HUC 12:**	
Fed Agency Name:		**Federal Land Ind:**	
Fed Facility Code:	N	**Public Ind:**	Y
EPA Region Code:	09	**Pgm Report:**	no data yet

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Collect Mth Desc:
Ref Point Desc:
Fac Url: https://ofmpub.epa.gov/frs_public2/fii_query_detail.disp_program_facility?p_registry_id=110002671378
Program Url: http://www.epa.gov/superfund/action/law/cercla.htm
Pgm Report Url: no data yet
Fips Code: 06037

40	6 of 6	WSW	0.29 / 1,521.14	142.39 / 0	PEMACO MAYWOOD 5050 SLAUSON BOULEVARD MAYWOOD CA 90270	SUPERFUND ROD

EPA ID: CAD980737092
Site ID: 0904950
NPL Status: Final
Non NPL Status:
County: LOS ANGELES
Region: 09
Data Source(s): U.S. EPA SUPERFUND PROGRAM - Source: SEMS Superfund Public User Database - FOIA-002 Records of Decision (RODS), ROD Amendments, and Explanation of Significant Differences (ESDs); Searchable Superfund Decision Documents database (https://www.epa.gov/superfund/search-superfund-documents), made available by the US Environmental Protection Agency (EPA). Retrieved on February 23, 2021.

Document Information

Doc ID: 2058850
Date: 01/13/2005
Pub No:
Description:
PDF Link: https://semspub.epa.gov/src/document/09/2058850
Title: Record of decision (ROD), w/app 1 (01 ROD complete 001)

Action Information

Seq ID: 1
Action Name: GOVT Decision Document (ROD)
Operable Unit Name: OU01
Actual Comp Date: 01/13/05

41	1 of 1	SE	0.29 / 1,552.21	137.41 / -5	BLUE CHIP STAMPS (FORMER) 5835 EASTERN AVE S COMMERCE CA 90040	LUST

Global ID: T0603703945
Status: COMPLETED - CASE CLOSED
Status Date: 4/10/1997
Case Type: LUST CLEANUP SITE
Date Source: LUST Cleanup Sites & Military UST Site from GeoTracker Project Search Results Export; LUST Cleanup Sites & Military UST Site from GeoTracker Cleanup Sites Data Download
County: LOS ANGELES
Latitude: 33.9852598
Longitude: -118.1622059

LUST Cleanup Sites from GeoTracker Cleanup Sites Data Download - Facilities Detail

RB Case No: I-12236
Local Case No:
Begin Date: 8/6/1987
Lead Agency: LOS ANGELES RWQCB (REGION 4)
Local Agency: LOS ANGELES COUNTY
CUF Case: NO
Potential Media of Concern: Soil
How Discovered Description:
Calwater Watershed Name: Los Angeles River - Los Angeles (412.10)
DWR GW Subbasin Name: Coastal Plain Of Los Angeles - Central (4-011.04)
Disadvantaged Community:
Calenviroscreen Score: 96-100% (highest scores)
Site History:
Potential COC: Gasoline
How Discovered:
Stop Method:
Stop Description:
Case Worker: YR
File Location:

LUST Cleanup Sites from GeoTracker Cleanup Sites Data Download - Regulatory Activity

Action Type: Other
Date : 9/19/1990
Action: Leak Reported

LUST Cleanup Sites from GeoTracker Cleanup Sites Data Download - Regulatory Contacts

Contact Type: Local Agency Caseworker
Contact Name: JOHN AWUJO
City: ALHAMBRA
Organization Name: LOS ANGELES COUNTY
Address: 900 S FREMONT AVE
Email: jawujo@dpw.lacounty.gov
Phone No: 6264583507

Contact Type: Regional Board Caseworker
Contact Name: YUE RONG
City: Los Angeles
Organization Name: LOS ANGELES RWQCB (REGION 4)
Address: 320 W. 4TH ST., SUITE 200
Email: yrong@waterboards.ca.gov
Phone No:

LUST Cleanup Sites from GeoTracker Cleanup Sites Data Download - Status History

Status: Completed - Case Closed
Status Date: 4/10/1997

Status: Open - Remediation
Status Date: 9/5/1995

Status: Open - Site Assessment
Status Date: 5/8/1992

Status: Open - Case Begin Date
Status Date: 8/6/1987

Status: Open - Site Assessment
Status Date: 8/6/1987

LUST Sites from GeoTracker Search - Regulatory Profile

Site Facility Name: BLUE CHIP STAMPS (FORMER)
Site Facility Type: LUST CLEANUP SITE
Cleanup Status: COMPLETED - CASE CLOSED
Project Status:
WDR Place Type:
WDR File:
WDR Order:
CUF Priority Assig:
CUF Amount Paid:
File Location:
Potential COC: GASOLINE
Facility Type:
Composting Method:
Address: 5835 EASTERN AVE S
City: COMMERCE
Zip: 90040
County: LOS ANGELES
CUF Claim:
Designated Beneficial Use: MUN, AGR, IND, PROC
Project Oversight Agencies:
Report Link: https://geotracker.waterboards.ca.gov/profile_report?global_id=T0603703945
Cleanup Status Detail: COMPLETED - CASE CLOSED AS OF 4/10/1997
Cleanup History Link: https://geotracker.waterboards.ca.gov/profile_report_include?global_id=T0603703945&tabname=regulatoryhistory
Potential Media of Concern: SOIL
User Defined Beneficial Use:
DWR GW Sub Basin: Coastal Plain Of Los Angeles - Central (4-011.04)
Calwater Watershed Name: Los Angeles River - Los Angeles (412.10)
Post Closure Site Management:
Future Land Use:
Cleanup Oversight Agencies: LOS ANGELES RWQCB (REGION 4) (LEAD) - CASE #: I-12236
CASEWORKER: YUE RONG
LOS ANGELES COUNTY
CASEWORKER: JOHN AWUJO
Gndwater Monitoring Freque:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Designated Beneficial Use Desc: Municipal and Domestic Supply, Agricultural Supply, Industrial Service Supply, Industrial Process Supply
Site History:

No site history available

LUST Sites from GeoTracker Search - Cleanup Status History

Status: Completed - Case Closed
Date : 4/10/1997

Status: Open - Remediation
Date : 9/5/1995

Status: Open - Site Assessment
Date : 5/8/1992

Status: Open - Site Assessment
Date : 8/6/1987

Status: Open - Case Begin Date
Date : 8/6/1987

LUST Sites from GeoTracker Search - Regulatory Activities (as of May 29, 2021)

Action Type: Leak Action
Action Date: 9/19/1990
Received Issue Date:
Action: Leak Reported
Doc Link:
Title Description Comments:

42	1 of 2	ESE	0.31 / 1,641.28	136.41 / -6	HILL REFRIGERATION 5804 E SLAUSON AVE COMMERCE CA 90040	SML LA

Site ID: SD0010313
Case ID: RO0010313
Status:

42	2 of 2	ESE	0.31 / 1,641.28	136.41 / -6	99cents Only Stores 5804 E SLAUSON AVE COMMERCE CA 90040	DELISTED HAZ

Siteid: 383975
Latitude: 33.985501
Longitude: -118.159714
Original Source: CHAZ
Record Date: 22-MAR-2018

43	1 of 1	W	0.32 / 1,693.88	143.48 / 1	DUNN-EDWARDS CORP. 5811 DISTRICT BLVD VERNON CA 90058	LUST

Global ID: T0603701144
Status: COMPLETED - CASE CLOSED
Status Date: 1/1/2000
Case Type: LUST CLEANUP SITE
Date Source: LUST Cleanup Sites & Military UST Site from GeoTracker Project Search Results Export; LUST Cleanup Sites & Military UST Site from GeoTracker Cleanup Sites Data Download
County: LOS ANGELES
Latitude: 33.987278
Longitude: -118.173685

LUST Cleanup Sites from GeoTracker Cleanup Sites Data Download - Facilities Detail

RB Case No: 900580089
Local Case No:
Begin Date: 7/8/1986
Lead Agency: VERNON, CITY OF
Local Agency: VERNON, CITY OF
CUF Case: NO
Potential Media of Concern: Soil
How Discovered Description:
Calwater Watershed Name: Los Angeles River - Los Angeles (412.10)
DWR GW Subbasin Name: Coastal Plain Of Los Angeles - Central (4-011.04)
Disadvantaged Community:
Calenviroscreen Score: 96-100% (highest scores)
Site History:

Potential COC: Aviation
How Discovered:
Stop Method:
Stop Description:
Case Worker: LP
File Location:

LUST Cleanup Sites from GeoTracker Cleanup Sites Data Download - Regulatory Activity

Action Type: Other
Date : 7/8/1986
Action: Leak Reported

LUST Cleanup Sites from GeoTracker Cleanup Sites Data Download - Regulatory Contacts

Contact Type: Local Agency Caseworker
Contact Name: LEWIS POZZEBON
City: VERNON
Organization Name: VERNON, CITY OF

Address: 4305 SANTA FE AVENUE
Email:
Phone No: 3235838811

Contact Type: Regional Board Caseworker
Contact Name: YUE RONG
City: Los Angeles
Organization Name: LOS ANGELES RWQCB (REGION 4)

Address: 320 W. 4TH ST., SUITE 200
Email: yrong@waterboards.ca.gov
Phone No:

LUST Cleanup Sites from GeoTracker Cleanup Sites Data Download - Status History

Status: Completed - Case Closed
Status Date: 1/1/2000

Status: Open - Case Begin Date
Status Date: 7/8/1986

LUST Sites from GeoTracker Search - Regulatory Profile

Site Facility Name: DUNN-EDWARDS CORP.
Site Facility Type: LUST CLEANUP SITE
Cleanup Status: COMPLETED - CASE CLOSED
Project Status:
WDR Place Type:
WDR File:
WDR Order:
CUF Priority Assig:
CUF Amount Paid:
File Location:
Designated Beneficial Use: MUN, AGR, IND, PROC
Project Oversight Agencies:
Report Link: https://geotracker.waterboards.ca.gov/profile_report?global_id=T0603701144
Cleanup Status Detail: COMPLETED - CASE CLOSED AS OF 1/1/2000
Cleanup History Link: https://geotracker.waterboards.ca.gov/profile_report_include?global_id=T0603701144&tabname=regulatoryhistory
Potential Media of Concern: SOIL
User Defined Beneficial Use:

Potential COC: AVIATION
Facility Type:
Composting Method:
Address: 5811 DISTRICT BLVD
City: VERNON
Zip: 90058
County: LOS ANGELES
CUF Claim:

DWR GW Sub Basin: Coastal Plain Of Los Angeles - Central (4-011.04)
Calwater Watershed Name: Los Angeles River - Los Angeles (412.10)
Post Closure Site Management:
Future Land Use:
Cleanup Oversight Agencies: VERNON, CITY OF (LEAD)
CASEWORKER: LEWIS POZZEBON
LOS ANGELES RWQCB (REGION 4) - CASE #: 900580089
CASEWORKER: YUE RONG
Gndwater Monitoring Freque:
Designated Beneficial Use Desc: Municipal and Domestic Supply, Agricultural Supply, Industrial Service Supply, Industrial Process Supply
Site History:

No site history available

LUST Sites from GeoTracker Search - Cleanup Status History

Status: Completed - Case Closed
Date : 1/1/2000

Status: Open - Case Begin Date
Date : 7/8/1986

LUST Sites from GeoTracker Search - Regulatory Activities (as of May 29, 2021)

Action Type: Leak Action
Action Date: 7/8/1986
Received Issue Date:
Action: Leak Reported
Doc Link:
Title Description Comments:

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44 | ***1 of 1*** | ***SE*** | ***0.32 / 1,704.55*** | ***137.31 / -5*** | ***G&G PRODUCE INCORPORATED***
5949 EASTERN AVE S
COMMERCE CA 90040 | ***LUST***

Global ID: T0603703044
Status: COMPLETED - CASE CLOSED
Status Date: 12/20/1996
Case Type: LUST CLEANUP SITE
Date Source: LUST Cleanup Sites & Military UST Site from GeoTracker Project Search Results Export; LUST Cleanup Sites & Military UST Site from GeoTracker Cleanup Sites Data Download
County: LOS ANGELES
Latitude: 33.9834938
Longitude: -118.1624978

LUST Cleanup Sites from GeoTracker Cleanup Sites Data Download - Facilities Detail

RB Case No: I-05188
Local Case No:
Begin Date: 5/13/1996
Lead Agency: LOS ANGELES RWQCB (REGION 4)
Local Agency: LOS ANGELES COUNTY
CUF Case: NO
Potential Media of Concern: Soil
How Discovered Description:
Calwater Watershed Name: Los Angeles River - Los Angeles (412.10)
DWR GW Subbasin Name: Coastal Plain Of Los Angeles - Central (4-011.04)
Disadvantaged Community:
Calenviroscreen Score: 96-100% (highest scores)
Site History:
Potential COC: Diesel
How Discovered:
Stop Method:
Stop Description:
Case Worker: YR
File Location:

LUST Cleanup Sites from GeoTracker Cleanup Sites Data Download - Regulatory Activity

Action Type: Other
Date : 5/13/1996
Action: Leak Reported

LUST Cleanup Sites from GeoTracker Cleanup Sites Data Download - Regulatory Contacts

Contact Type: Regional Board Caseworker
Contact Name: YUE RONG
City: Los Angeles
Organization Name: LOS ANGELES RWQCB (REGION 4)
Address: 320 W. 4TH ST., SUITE 200
Email: yrong@waterboards.ca.gov
Phone No:

Contact Type: Local Agency Caseworker
Contact Name: JOHN AWUJO
City: ALHAMBRA
Organization Name: LOS ANGELES COUNTY
Address: 900 S FREMONT AVE
Email: jawujo@dpw.lacounty.gov
Phone No: 6264583507

LUST Cleanup Sites from GeoTracker Cleanup Sites Data Download - Status History

Status: Completed - Case Closed
Status Date: 12/20/1996

Status: Open - Case Begin Date
Status Date: 5/13/1996

LUST Sites from GeoTracker Search - Regulatory Profile

Site Facility Name: G&G PRODUCE INCORPORATED
Site Facility Type: LUST CLEANUP SITE
Cleanup Status: COMPLETED - CASE CLOSED
Project Status:
WDR Place Type:
WDR File:
WDR Order:
CUF Priority Assig:
CUF Amount Paid:
File Location:
Potential COC: DIESEL
Facility Type:
Composting Method:
Address: 5949 EASTERN AVE S
City: COMMERCE
Zip: 90040
County: LOS ANGELES
CUF Claim:
Designated Beneficial Use: MUN, AGR, IND, PROC
Project Oversight Agencies:
Report Link: https://geotracker.waterboards.ca.gov/profile_report?global_id=T0603703044
Cleanup Status Detail: COMPLETED - CASE CLOSED AS OF 12/20/1996
Cleanup History Link: https://geotracker.waterboards.ca.gov/profile_report_include?global_id=T0603703044&tabname=regulatoryhistory
Potential Media of Concern: SOIL
User Defined Beneficial Use:
DWR GW Sub Basin: Coastal Plain Of Los Angeles - Central (4-011.04)
Calwater Watershed Name: Los Angeles River - Los Angeles (412.10)
Post Closure Site Management:
Future Land Use:
Cleanup Oversight Agencies: LOS ANGELES RWQCB (REGION 4) (LEAD) - CASE #: I-05188
CASEWORKER: YUE RONG
LOS ANGELES COUNTY
CASEWORKER: JOHN AWUJO
Gndwater Monitoring Freque:
Designated Beneficial Use Desc: Municipal and Domestic Supply, Agricultural Supply, Industrial Service Supply, Industrial Process Supply
Site History:

No site history available

LUST Sites from GeoTracker Search - Cleanup Status History

Status: Completed - Case Closed
Date : 12/20/1996

Status: Open - Case Begin Date

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Date : 5/13/1996

LUST Sites from GeoTracker Search - Regulatory Activities (as of May 29, 2021)

Action Type: Leak Action
Action Date: 5/13/1996
Received Issue Date:
Action: Leak Reported
Doc Link:
Title Description Comments:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
45	1 of 1	SW	0.35 / 1,833.94	141.30 / -1	CITY OF MAYWOOD 5950 WALKER AVE MAYWOOD CA 90270	CLEANUP SITES

Global ID: SL163742342
Status: COMPLETED - CASE CLOSED
Status Date: 4/17/1998
Site Facility Type: CLEANUP PROGRAM SITE
Data Source: Cleanup Program Sites from GeoTracker Search; Cleanup Sites from GeoTracker Cleanup Sites Data Download
Latitude: 33.987602
Longitude: -118.189088
County: LOS ANGELES

Cleanup Sites from GeoTracker Cleanup Sites Data Download - Facilities Detail

RB Case No: 0749
Local Case No:
Begin Date: 3/18/1998
File Location:
Lead Agency: LOS ANGELES RWQCB (REGION 4)
Local Agency:
Potential COC:
Potential Media of Concern:
How Discovered:
How Discovered Description:
Stop Description:
CalWater Watershed Name: Los Angeles River - Los Angeles (412.10)
DWR GW Subbasin Name: Coastal Plain Of Los Angeles - Central (4-011.04)
Disadvantaged Community:
CalEnviroScreen Score: 91-95%
Site History:
Stop Method:
CUF Case: NO
Case Worker:

Cleanup Sites from GeoTracker Cleanup Sites Data Download - Status History

Status: Completed - Case Closed
Status Date: 1998-04-17 00:00:00

Status: Open - Case Begin Date
Status Date: 1998-03-18 00:00:00

Cleanup Program Sites from GeoTracker Search - Regulatory Profile (as of May 29, 2021)

Project Status:
Cuf Claim No:
CUF Priority Assign:
CUF Amount Paid:
Composting Method:
File Location:
User Defined Beneficial Use:
Designated Beneficial Use: MUN, AGR, IND, PROC
Designated Beneficl Use Desc: Municipal and Domestic Supply, Agricultural Supply, Industrial Service Supply, Industrial Process Supply
Project Oversight Agencies:
Report Link: https://geotracker.waterboards.ca.gov/profile_report?global_id=SL163742342
Cleanup Status Detail: COMPLETED - CASE CLOSED AS OF 4/17/1998
Facility Type:
WDR Place Type:
Wdr File No:
Wdr Order No:

Potential COC:	NONE SPECIFIED
Potential Media of Concern:	NONE SPECIFIED
Groundwater Monitoring Frequen:	
DWR GW Sub Basin:	Coastal Plain Of Los Angeles - Central (4-011.04)
CalWater Watershed Name:	Los Angeles River - Los Angeles (412.10)
Post Closure Site Management:	
Future Land Use:	
Cleanup Oversight Agencies:	LOS ANGELES RWQCB (REGION 4) (LEAD) - CASE #: 0749
Cleanup History Link:	https://geotracker.waterboards.ca.gov/profile_report_include?global_id=SL163742342&tabname=regulatoryhistory
Site History:	

No site history available

Sites from GeoTracker Search - Cleanup Status History (as of May 29, 2021)

Status:	Completed - Case Closed
Date:	4/17/1998
Status:	Open - Case Begin Date
Date:	3/18/1998

46	*1 of 5*	*WSW*	*0.35 / 1,840.76*	*147.83 / 5*	***PEMACO CHEMICAL CORPORATION FORMER 5040-5050 SLAUSON BLVD. MAYWOOD CA 90270***	***HWSS CLEANUP***

Estor/EPA ID:	19281217	***Census Tract:***	6037533703
Site Code:	300705	***Funding:***	JOINT STATE/FEDERAL-FUNDED
Status Date:	6/15/2020	***Office:***	CLEANUP CHATSWORTH
Nat Priority List:	YES	***Permit Renew Lead:***	
Program Type:	FEDERAL SUPERFUND - LISTED	***Public Particip Spec:***	MANUEL LOPEZ
Cal Enviro Score:	91-95%	***Project Manager:***	VIKTORIYA ANASHKINA
Acres:	1.4 ACRES	***Supervisor:***	JULI PROPES
Assembly District:	63	***County:***	LOS ANGELES
Senate District:	33	***Latitude:***	33.9855919
School District:		***Longitude:***	-118.172289

APN:	NONE SPECIFIED
Status:	ACTIVE - LAND USE RESTRICTIONS
Cleanup Status:	ACTIVE AS OF 6/15/2020
Cleanup Oversight Agencies:	DTSC - SITE CLEANUP PROGRAM - LEAD AGENCY
Site Type:	STATE RESPONSE OR NPL
Special Program:	
Cause of Contamination:	MANUFACTURING - CHEMICALS
Potential Media Affected:	OTHER GROUNDWATER AFFECTED (USES OTHER THAN DRINKING WATER), SOIL, SOIL VAPOR
Summary URL:	https://www.envirostor.dtsc.ca.gov/public/profile_report?global_id=19281217
Press Contact:	
Potential Contaminants:	

1,1,1-TRICHLOROETHANE (TCA)
TETRACHLOROETHYLENE (PCE)
TRICHLOROETHYLENE (TCE)
VINYL CHLORIDE

Site History:

The Pemaco site is a 1.4 acre site which is located in a mixed industrial and residential neighborhood in the City of Maywood, CA. The City of Maywood is a small community located southeast of the City of Los Angeles. Maywood has an area of 1.14 square miles and a population of 29,469. The City of Maywood is also surrounded on three sides by heavy industry.

The Pemaco site was listed on the NPL in January 1999. The industrial site housed a chemical blending facility which operated between the late 1940's and 1991. The facility was a large quantity hazardous waste generator when it was in operation. Hazardous chemicals were stored onsite in 31 underground storage tanks, six aboveground storage tanks and more than 400 drums. Chemicals were stored in the ASTs and USTs, which ranged in size from 500 to 20,000 gallons. The tanks leaked and have caused contamination to be present in the soil and groundwater at the site.

EPA signed the ROD for the site on January 13, 2005. Contamination was found in both groundwater and soil with small pockets of DNAPL located in the groundwater at the site. The Remedial Investigation identified 56 chemicals of concern for the Pemaco Site. A groundwater plume consisting of a

number of chemicals (trichloroethene (TCE), tetrachloroethene (PCE), vinyl chloride,(VC) benzene, toluene, hexane, ethyl benzene, methylene chloride et al as well as floating free product at various locations within the aquifer was discovered under the Pemaco site and has migrated off the property underneath the residential homes in the neighborhood. In addition, the adjacent industrial property (W.W. Henry) has contamination in soils and groundwater and the plumes from both the Pemaco Site, and the W. W. Henry site have merged.

Construction on the Pemaco remedy began on August 3, 2005. EPA contractors installed subsurface piping, soil vapor extraction wells and groundwater extraction wells on the site. During the Summer of 2006 construction continued with the installation of subsurface electrical conduit, installation of the treatment plant and installation of the electrodes for the Electrical Resistive Heating (ERH) portion of the remedy.

EPA hired the Army Corps of Engineers (ACOE) to supervise construction of the remedy. TN& Associates was hired as the construction manager for the site. TRS was hired as the contractor to implement the ERH remedy for the site. The groundwater system became operational during April 2007. The vapor treatment became operational during May 2007, and the ERH system went online during September 2007. EPA pays for all electricity to the treatment plant and the former ERH source area under a separate contract with GSA and the electrical utility company Southern California Edison. The ERH remedy was completed during April 2008 and subsequently turned off. The groundwater and vapor treatment system continue to operate at the site. EPA opened a Region 5 RAC II work assignment during March 2008 with SulTrac.

The major components of the selected remedy for the Pemaco Superfund site include a groundwater treatment system and a vapor treatment system that are installed in a steel frame building with a 4-inch concrete containment berm. The two systems are designed to operate independently of each other. The electrical resistive heating remedy was completed during 2008. The ERH remedy utilized 58 electrodes located in the area of highest TCE impact. Listed below are the major components of each treatment system.

Groundwater treatment system

- Groundwater booster tank, T-401 with transfer pump, P-401
- 10 micron multiple bag filer housing, F-401 with a single bag filter bypass, F-402
- Holding tank, T-402 with a variable spped drive transfer pump, P-402
- Second set of 10 micron single bag filters, F-403 and F-404
- Two 3,000 pound liquid phase carbon adsorbers, T-403, and T-404
- Discharge flow totalizer, FQI-402
- Discharge sampling box, T 405 (sanitary sewer discharge)
- 25 dual phased perched extraction wells, 32 exposition groundwater extraction wells

Vapor treatment system:
- Moisture separator, T-101
- Vapor particulate filter skid, F-101 and F-102
- Two 75 hp liquid-ring vacuum pumps, B-101 and B102
- Oil mist filter skid, F-103 and F-104
- Flameless thermal oxidizer and scrubber skid, FTO-101(turned off May 2008)
- Flame arrestor, FA-301 serving as backflash prevention device
- 2 vapor phase carbon adsorbers, T-301 and T-302
- Heat exchanger, H201
- Vapor conditioning package: cooling tower, CT-201, cooling tower pump, P203, refrigerated chiller, RC-201
- 2 4,000 pound vapor phase carbon adsorption vessels, T-301 and T-302

ERH treatment system: (turned off during April 2008)

- 28 vapor recovery (VR) wells and 58 electrode vapor extraction wells
- 30 Vapor monitoring points (VMP)
- Maintain at a minimum 560 scfm vapor extraction rate from the ERH well field and maintain 25-30 percent LEL at 1000 scfm into the FTO

The site is currently incorporated into the Maywood Riverfront Park and is zoned for recreational use. The closest residential home is located approximately 150 feet from the Pemaco main source contamination. A neighborhood elementary school is located 2 blocks east of the site. Treatment and Monitoring of groundwater and soil vapor continues. The site came under DTSC oversight August 2018.

Completed Activities

Area Name:
Area URL:
Sub Area:
Sub Area URL:
Title: Progress Reports Review
Title URL:
Document Type: Technical Report
Activity Type: Completed Activities
Date Completed: 3/25/2021

Comments: Review complete-no comments.

Area Name:
Area URL:
Sub Area:
Sub Area URL:
Title: Semi Annual Groundwater Spring 2020
Title URL: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19281217&doc_id=60478484
Document Type: Monitoring Report
Activity Type: Completed Activities
Date Completed: 2/17/2021
Comments:

Area Name:
Area URL:
Sub Area:
Sub Area URL:
Title: Progress Reports Review
Title URL: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19281217&doc_id=60489563
Document Type: Technical Report
Activity Type: Completed Activities
Date Completed: 12/1/2020
Comments: ESPO reviewed and approved.

Area Name:
Area URL:
Sub Area:
Sub Area URL:
Title: 5 year review
Title URL: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19281217&doc_id=60483967
Document Type: 5 Year Review Reports
Activity Type: Completed Activities
Date Completed: 9/23/2020
Comments: DTSC Concurred with 5 Year Review Report conclusion.

Area Name:
Area URL:
Sub Area:
Sub Area URL:
Title: Operation and Maintenance
Title URL: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19281217&doc_id=60474071
Document Type: Operation and Maintenance Manual
Activity Type: Completed Activities
Date Completed: 1/6/2020
Comments:

Area Name:
Area URL:
Sub Area:
Sub Area URL:
Title: Five Year Review Site Visit
Title URL:
Document Type: Fieldwork
Activity Type: Completed Activities
Date Completed: 12/8/2014
Comments: ended with an interview

Area Name:
Area URL:
Sub Area:
Sub Area URL:
Title: Groundwater Monitoring Report
Title URL:
Document Type: Technical Report
Activity Type: Completed Activities
Date Completed: 11/13/2014
Comments: done

Area Name:

Area URL:
Sub Area:
Sub Area URL:
Title: Optimization Report
Title URL:
Document Type: Technical Report
Activity Type: Completed Activities
Date Completed: 3/24/2012
Comments: done

Area Name:
Area URL:
Sub Area:
Sub Area URL:
Title: Remedial Design 100% Completion
Title URL: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19281217&doc_id=6008312
Document Type: Design/Implementation Workplan
Activity Type: Completed Activities
Date Completed: 12/5/2007
Comments: complete

Area Name:
Area URL:
Sub Area:
Sub Area URL:
Title: Groundwater and Soil Vapor Sampling Report 1st Quarter
Title URL: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19281217&doc_id=60469708
Document Type: Monitoring Report
Activity Type: Completed Activities
Date Completed: 12/18/2019
Comments:

Area Name:
Area URL:
Sub Area:
Sub Area URL:
Title: ERH Abandonment Workplan
Title URL: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19281217&doc_id=60307501
Document Type: Well Decommissioning Workplan
Activity Type: Completed Activities
Date Completed: 4/23/2014
Comments: done

Area Name:
Area URL:
Sub Area:
Sub Area URL:
Title: Remedial Action Plan
Title URL: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19281217&doc_id=5011927
Document Type: Record of Decision
Activity Type: Completed Activities
Date Completed: 1/14/2005
Comments: ROD concurrence. Cleanup design will remediate shallow soils, regrade the entire site with clean soils and implement institutional controls. High vacuum oval-phase extraction is proposed for the upper vadose zone and a combination of electrical resistance heating with vapor extraction and vaccum enhanced pump and treat for lower rafroze zone is planned initially a flameless thermol oxidizer will be used with a switch out to carbon for the soil vapor. Contaminated groundwater will be treated with UV oxidation.

Area Name:
Area URL:
Sub Area:
Sub Area URL:
Title: ERH Abandonment Report
Title URL:
Document Type: Technical Report
Activity Type: Completed Activities
Date Completed: 8/10/2015
Comments: closed

Area Name:
Area URL:
Sub Area:
Sub Area URL:
Title: groundwater monitoring workplan
Title URL: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19281217&doc_id=60282068
Document Type: Technical Workplan
Activity Type: Completed Activities
Date Completed: 5/13/2012
Comments: done

Area Name:
Area URL:
Sub Area:
Sub Area URL:
Title: Groundwater and Soil Vapor Sampling Report 3rd Quarter
Title URL: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19281217&doc_id=60469710
Document Type: Monitoring Report
Activity Type: Completed Activities
Date Completed: 1/22/2020
Comments: concur

Area Name:
Area URL:
Sub Area:
Sub Area URL:
Title: SemiAnnual Groundwater Monitoring Report December 2015
Title URL:
Document Type: Monitoring Report
Activity Type: Completed Activities
Date Completed: 6/30/2017
Comments: concur

Area Name:
Area URL:
Sub Area:
Sub Area URL:
Title: Progress report reviews
Title URL:
Document Type: Technical Report
Activity Type: Completed Activities
Date Completed: 4/7/2020
Comments: reviewed and approved

Area Name:
Area URL:
Sub Area:
Sub Area URL:
Title: QC Reports
Title URL:
Document Type: Technical Report
Activity Type: Completed Activities
Date Completed: 9/12/2019
Comments: this

Area Name:
Area URL:
Sub Area:
Sub Area URL:
Title: 2018 Third Quarter operations and Maintenance Monitoring
Title URL: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19281217&doc_id=60463063
Document Type: Operation and Maintenance Report
Activity Type: Completed Activities
Date Completed: 7/30/2019
Comments:

Area Name:
Area URL:
Sub Area:

Sub Area URL:
Title: Work Order 2 - Contract 17-T4442 A1
Title URL: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19281217&enforcement_id=60455951
Document Type: State/Federal Funded Site Work Order
Activity Type: Completed Activities
Date Completed: 1/9/2019
Comments:

Area Name:
Area URL:
Sub Area:
Sub Area URL:
Title: Determination
Title URL: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19281217&enforcement_id=60455455
Document Type: Imminent and/or Subst. Endangerment Determination
Activity Type: Completed Activities
Date Completed: 12/24/2018
Comments: Order signed and completed.

Area Name:
Area URL:
Sub Area:
Sub Area URL:
Title: Work Order 17-T4442
Title URL: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19281217&enforcement_id=60444811
Document Type: State/Federal Funded Site Work Order
Activity Type: Completed Activities
Date Completed: 4/29/2018
Comments:

Area Name:
Area URL:
Sub Area:
Sub Area URL:
Title: Five Year Review
Title URL:
Document Type: 5 Year Review Reports
Activity Type: Completed Activities
Date Completed: 6/22/2012
Comments: completed

Area Name:
Area URL:
Sub Area:
Sub Area URL:
Title: Remedial Investigation
Title URL: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19281217&doc_id=5011928
Document Type: Remedial Investigation / Feasibility Study
Activity Type: Completed Activities
Date Completed: 4/14/2004
Comments:

Area Name:
Area URL:
Sub Area:
Sub Area URL:
Title: Progress Reports Review
Title URL:
Document Type: Technical Report
Activity Type: Completed Activities
Date Completed: 2/5/2021
Comments: The review has been completed.

Area Name:
Area URL:
Sub Area:
Sub Area URL:
Title: USEPA Historical Documents from Transfer
Title URL: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19281217&doc_id=60480431

Document Type: Other Report
Activity Type: Completed Activities
Date Completed: 6/18/2019
Comments: completion of data dump when project transferred from epa to dtsc

Area Name:
Area URL:
Sub Area:
Sub Area URL:
Title: QC Reports
Title URL: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19281217&doc_id=60486521
Document Type: Technical Report
Activity Type: Completed Activities
Date Completed: 9/4/2020
Comments: Approved

Area Name:
Area URL:
Sub Area:
Sub Area URL:
Title: fact sheet
Title URL:
Document Type: Fact Sheets
Activity Type: Completed Activities
Date Completed: 5/7/2020
Comments: concurrance

Area Name:
Area URL:
Sub Area:
Sub Area URL:
Title: Draft Final Design Memo
Title URL:
Document Type: Remedial Design - Preliminary/Intermediate
Activity Type: Completed Activities
Date Completed: 12/11/2018
Comments: concurrence

Area Name:
Area URL:
Sub Area:
Sub Area URL:
Title: Project transfer from USEPA to State countdown
Title URL: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19281217&doc_id=60430531
Document Type: Other Report
Activity Type: Completed Activities
Date Completed: 8/20/2018
Comments: transferred

Area Name:
Area URL:
Sub Area:
Sub Area URL:
Title: 2011 december Sampling and Monitoring Report
Title URL: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19281217&doc_id=60403252
Document Type: Monitoring Report
Activity Type: Completed Activities
Date Completed: 4/16/2013
Comments: concurred

Area Name:
Area URL:
Sub Area:
Sub Area URL:
Title: Progress Reports Review
Title URL:
Document Type: Technical Report
Activity Type: Completed Activities
Date Completed: 1/29/2021

Comments: O&M Reports are reviewed and approved with no substantive comments.

Area Name:
Area URL:
Sub Area:
Sub Area URL:
Title: Summary status report for Summer sampling event
Title URL:
Document Type: Monitoring Report
Activity Type: Completed Activities
Date Completed: 10/9/2019
Comments: this

Area Name:
Area URL:
Sub Area:
Sub Area URL:
Title: summary sampling status for spring of 2019
Title URL:
Document Type: Monitoring Report
Activity Type: Completed Activities
Date Completed: 10/9/2019
Comments: this

Area Name:
Area URL:
Sub Area:
Sub Area URL:
Title: Land Use Restriction
Title URL: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19281217&enforcement_id=60315172
Document Type: Land Use Restriction
Activity Type: Completed Activities
Date Completed: 9/17/2019
Comments:

Area Name:
Area URL:
Sub Area:
Sub Area URL:
Title: start up shake down
Title URL:
Document Type: Remedy Constructed: Operating Properly & Successfully
Activity Type: Completed Activities
Date Completed: 1/27/2010
Comments: completed

Land Use Restrictions

Area:
Sub Area:
Title/Description: Land Use Restriction
Title/Description URL: https://www.envirostor.dtsc.ca.gov/public/view_document?docurl=/public/deliverable_documents/2054366171/RECORDED%20COVENANT%20%2D%20RIVERFRONT%20PARK%2Epdf
Site Management Req: NONE SPECIFIED
Date Recorded: 9/17/2019

Community Involvement Documents

OU Name:
Area:
Title/Description: Pemaco Cover Sheet- English
Title/Description URL: https://www.envirostor.dtsc.ca.gov/public/community_involvement_documents?global_id=19281217&document_folder=+7625821769
Document Type: Project Status Update
Document Date: 5/4/2006
Document Group: UPDATES AND INFORMATION

OU Name:
Area:
Title/Description: Pemaco Fact Sheet- 2006- English
Title/Description URL: https://www.envirostor.dtsc.ca.gov/public/community_involvement_documents?global_id=19281217&document_folder=+8460920035
Document Type: Project Status Update
Document Date: 1/6/2006
Document Group: UPDATES AND INFORMATION

OU Name:
Area:
Title/Description: Pemaco Proposed Plan- English
Title/Description URL: https://www.envirostor.dtsc.ca.gov/public/community_involvement_documents?global_id=19281217&document_folder=+9603086173
Document Type: Project Status Update
Document Date: 4/1/2004
Document Group: UPDATES AND INFORMATION

OU Name:
Area:
Title/Description: Pemaco Cover Sheet- Spanish
Title/Description URL: https://www.envirostor.dtsc.ca.gov/public/community_involvement_documents?global_id=19281217&document_folder=+3803678214
Document Type: Project Status Update
Document Date: 5/4/2006
Document Group: UPDATES AND INFORMATION

OU Name:
Area:
Title/Description: Pemaco Proposed Plan- Spanish
Title/Description URL: https://www.envirostor.dtsc.ca.gov/public/community_involvement_documents?global_id=19281217&document_folder=+8152616202
Document Type: Project Status Update
Document Date: 4/1/2004
Document Group: UPDATES AND INFORMATION

OU Name:
Area:
Title/Description: Pemaco Fact Sheet- 2006- Spanish
Title/Description URL: https://www.envirostor.dtsc.ca.gov/public/community_involvement_documents?global_id=19281217&document_folder=+1990522086
Document Type: Project Status Update
Document Date: 1/1/2006
Document Group: UPDATES AND INFORMATION

Contract Document

Activity Type: Contract Documents
Date Completed: 11/26/2019
Area Name:
Area Name URL:
Sub Area:
Sub Area URL:
Title: RFF A2 Contract 17-T4442
Title URL: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19281217&enforcement_id=60476738
Document Type: State/Federal Funded Site Contract Fiscal Approval (CFA)
Comments:

Contract Document

Activity Type: Contract Documents
Date Completed: 4/12/2018
Area Name:
Area Name URL:
Sub Area:
Sub Area URL:

Title: Contract 17-T4442
Title URL: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19281217&enforcement_id=60444812
Document Type: State/Federal Funded Site Contract
Comments:

Contract Document

Activity Type: Contract Documents
Date Completed: 9/9/2011
Area Name:
Area Name URL:
Sub Area:
Sub Area URL:
Title: State/Superfund Contract Amendment 2
Title URL: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19281217&enforcement_id=60297009
Document Type: State/Federal Funded Site Contract
Comments:

Contract Document

Activity Type: Contract Documents
Date Completed: 3/7/2005
Area Name:
Area Name URL:
Sub Area:
Sub Area URL:
Title: Pemaco State Superfund Contract
Title URL: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19281217&enforcement_id=6012949
Document Type: State/Federal Funded Site Contract
Comments: approved

Contract Document

Activity Type: Contract Documents
Date Completed: 12/28/2018
Area Name:
Area Name URL:
Sub Area:
Sub Area URL:
Title: Contract 17-T4442 - A1
Title URL: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19281217&enforcement_id=60455950
Document Type: State/Federal Funded Site Contract
Comments:

Contract Document

Activity Type: Contract Documents
Date Completed: 12/31/2019
Area Name:
Area Name URL:
Sub Area:
Sub Area URL:
Title: Contract 17-T4442- A2- Time and fund
Title URL: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19281217&enforcement_id=60476739
Document Type: State/Federal Funded Site Contract
Comments:

Contract Document

Activity Type: Contract Documents
Date Completed: 4/15/2010
Area Name:
Area Name URL:

Sub Area:
Sub Area URL:
Title: CFA Amendment 1
Title URL: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19281217&enforcement_id=60351927
Document Type: State/Federal Funded Site Contract Fiscal Approval (CFA)
Comments:

Contract Document

Activity Type: Contract Documents
Date Completed: 12/23/2013
Area Name:
Area Name URL:
Sub Area:
Sub Area URL:
Title: CFA Amendment 3
Title URL: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19281217&enforcement_id=60351931
Document Type: State/Federal Funded Site Contract Fiscal Approval (CFA)
Comments:

Contract Document

Activity Type: Contract Documents
Date Completed: 5/23/2011
Area Name:
Area Name URL:
Sub Area:
Sub Area URL:
Title: CFA Amendment 2
Title URL: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19281217&enforcement_id=60351930
Document Type: State/Federal Funded Site Contract Fiscal Approval (CFA)
Comments:

Contract Document

Activity Type: Contract Documents
Date Completed: 2/7/2020
Area Name:
Area Name URL:
Sub Area:
Sub Area URL:
Title: State Superfund Contract Amendment 6
Title URL:
Document Type: State/Federal Funded Site Contract
Comments:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
46	2 of 5	WSW	0.35 / 1,840.76	147.83 / 5	PEMACO CHEMICAL CORPORATION FORMER 5040-5050 SLAUSON BLVD. MAYWOOD CA 90270	ENVIROSTOR

Estor/EPA ID: 19281217
Site Code: 300705
Nat Priority List: YES
APN: NONE SPECIFIED
Census Tract: 6037533703
Site Type: STATE RESPONSE OR NPL
Address Description: 5040-5050 SLAUSON BLVD.
Office: CLEANUP CHATSWORTH
Special Program:
Funding: JOINT STATE/FEDERAL-FUNDED
Assembly District: 63
Senate District: 33
Permit Renewal Lead:
Public Partici Spclst: MANUEL LOPEZ
Project Manager: FATIMA CARRERA
County: LOS ANGELES
Latitude: 33.9855919
Longitude: -118.172289
Acres: 1.4 ACRES
Supervisor: JULI PROPES
Cleanup Status: ACTIVE AS OF 6/15/2020
Cleanup Oversight Agencies: DTSC - SITE CLEANUP PROGRAM - LEAD AGENCY
School District:
Past Use that Caused Contam: MANUFACTURING - CHEMICALS

Potential Media Affected: OTHER GROUNDWATER AFFECTED (USES OTHER THAN DRINKING WATER), SOIL, SOIL VAPOR
Potential Contamin of Concern:

1,1,1-TRICHLOROETHANE (TCA)
TETRACHLOROETHYLENE (PCE)
TRICHLOROETHYLENE (TCE)
VINYL CHLORIDE

Site History:

The Pemaco site is a 1.4 acre site which is located in a mixed industrial and residential neighborhood in the City of Maywood, CA. The City of Maywood is a small community located southeast of the City of Los Angeles. Maywood has an area of 1.14 square miles and a population of 29,469. The City of Maywood is also surrounded on three sides by heavy industry.

The Pemaco site was listed on the NPL in January 1999. The industrial site housed a chemical blending facility which operated between the late 1940's and 1991. The facility was a large quantity hazardous waste generator when it was in operation. Hazardous chemicals were stored onsite in 31 underground storage tanks, six aboveground storage tanks and more than 400 drums. Chemicals were stored in the ASTs and USTs, which ranged in size from 500 to 20,000 gallons. The tanks leaked and have caused contamination to be present in the soil and groundwater at the site.

EPA signed the ROD for the site on January 13, 2005. Contamination was found in both groundwater and soil with small pockets of DNAPL located in the groundwater at the site. The Remedial Investigation identified 56 chemicals of concern for the Pemaco Site. A groundwater plume consisting of a number of chemicals (trichloroethene (TCE), tetrachloroethene (PCE), vinyl chloride,(VC) benzene, toluene, hexane, ethyl benzene, methylene chloride et al as well as floating free product at various locations within the aquifer was discovered under the Pemaco site and has migrated off the property underneath the residential homes in the neighborhood. In addition, the adjacent industrial property (W.W. Henry) has contamination in soils and groundwater and the plumes from both the Pemaco Site, and the W. W. Henry site have merged.

Construction on the Pemaco remedy began on August 3, 2005. EPA contractors installed subsurface piping, soil vapor extraction wells and groundwater extraction wells on the site. During the Summer of 2006 construction continued with the installation of subsurface electrical conduit, installation of the treatment plant and installation of the electrodes for the Electrical Resistive Heating (ERH) portion of the remedy.

EPA hired the Army Corps of Engineers (ACOE) to supervise construction of the remedy. TN& Associates was hired as the construction manager for the site. TRS was hired as the contractor to implement the ERH remedy for the site. The groundwater system became operational during April 2007. The vapor treatment became operational during May 2007, and the ERH system went online during September 2007. EPA pays for all electricity to the treatment plant and the former ERH source area under a separate contract with GSA and the electrical utility company Southern California Edison. The ERH remedy was completed during April 2008 and subsequently turned off. The groundwater and vapor treatment system continue to operate at the site. EPA opened a Region 5 RAC II work assignment during March 2008 with SulTrac.

The major components of the selected remedy for the Pemaco Superfund site include a groundwater treatment system and a vapor treatment system that are installed in a steel frame building with a 4-inch concrete containment berm. The two systems are designed to operate independently of each other. The electrical resistive heating remedy was completed during 2008. The ERH remedy utilized 58 electrodes located in the area of highest TCE impact. Listed below are the major components of each treatment system.

Groundwater treatment system

- Groundwater booster tank, T-401 with transfer pump, P-401
- 10 micron multiple bag filer housing, F-401 with a single bag filter bypass, F-402
- Holding tank, T-402 with a variable spped drive transfer pump, P-402
- Second set of 10 micron single bag filters, F-403 and F-404
- Two 3,000 pound liquid phase carbon adsorbers, T-403, and T-404
- Discharge flow totalizer, FQI-402
- Discharge sampling box, T 405 (sanitary sewer discharge)
- 25 dual phased perched extraction wells, 32 exposition groundwater extraction wells

Vapor treatment system:
- Moisture separator, T-101
- Vapor particulate filter skid, F-101 and F-102
- Two 75 hp liquid-ring vacuum pumps, B-101 and B102
- Oil mist filter skid, F-103 and F-104
- Flameless thermal oxidizer and scrubber skid, FTO-101(turned off May 2008)
- Flame arrestor, FA-301 serving as backflash prevention device
- 2 vapor phase carbon adsorbers, T-301 and T-302
- Heat exchanger, H201
- Vapor conditioning package: cooling tower, CT-201, cooling tower pump, P203, refrigerated chiller, RC-201
- 2 4,000 pound vapor phase carbon adsorption vessels, T-301 and T-302

ERH treatment system: (turned off during April 2008)

- 28 vapor recovery (VR) wells and 58 electrode vapor extraction wells

• 30 Vapor monitoring points (VMP)
• Maintain at a minimum 560 scfm vapor extraction rate from the ERH well field and maintain 25-30 percent LEL at 1000 scfm into the FTO

The site is currently incorporated into the Maywood Riverfront Park and is zoned for recreational use. The closest residential home is located approximately 150 feet from the Pemaco main source contamination. A neighborhood elementary school is located 2 blocks east of the site. Treatment and Monitoring of groundwater and soil vapor continues. The site came under DTSC oversight August 2018.

Status: ACTIVE - LAND USE RESTRICTIONS
Program Type: FEDERAL SUPERFUND - LISTED
CalEnviroScreen Score: 91-95%
Summary Link: https://www.envirostor.dtsc.ca.gov/public/profile_report?global_id=19281217

Land Use Restrictions

Site Management Requirements: NONE SPECIFIED
Title: Land Use Restriction
Title Link: https://www.envirostor.dtsc.ca.gov/public/<_sre.SRE_Match object; span=(0, 166), match='<TD NOWRAP VALIGN=TOP><A TARGET="2054366171" HREF>
Date Recorded: 9/17/2019

Completed Activities

Title: Project Management Activities
Title Link: https://www.envirostor.dtsc.ca.gov/public/
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Project Management
Date Completed: 6/30/2021
Comments: Completed.

Title: Semi Annual Groundwater Fall 2020
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19281217&doc_id=60492689
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Monitoring Report
Date Completed: 6/29/2021
Comments: Report has been accepted.

Title: Progress Reports Review
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19281217&doc_id=60498066
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Technical Report
Date Completed: 5/25/2021
Comments: Progress reports have been reviewed and approved.

Title: Semi Annual Groundwater Spring 2020
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19281217&doc_id=60478484
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Monitoring Report
Date Completed: 2/17/2021
Comments:

Title: Progress Reports Review
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19281217&doc_id=60489563
Area Name:

Area Link:
Sub Area:
Sub Area Link:
Document Type: Technical Report
Date Completed: 12/1/2020
Comments: ESPO reviewed and approved.

Title: Land Use Restriction
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19281217&enforcement_id=60315172
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Land Use Restriction
Date Completed: 9/17/2019
Comments:

Title: USEPA Historical Documents from Transfer
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19281217&doc_id=60480431
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Other Report
Date Completed: 6/18/2019
Comments: completion of data dump when project transferred from epa to dtsc

Title: Draft Final Design Memo
Title Link: https://www.envirostor.dtsc.ca.gov/public/
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Remedial Design - Preliminary/Intermediate
Date Completed: 12/11/2018
Comments: concurrence

Title: Remedial Design 100% Completion
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19281217&doc_id=6008312
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Design/Implementation Workplan
Date Completed: 12/5/2007
Comments: complete

Title: 2018 Third Quarter operations and Maintenance Monitoring
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19281217&doc_id=60463063
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Operation and Maintenance Report
Date Completed: 7/30/2019
Comments:

Title: Work Order 2 - Contract 17-T4442 A1
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19281217&enforcement_id=60455951
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: State/Federal Funded Site Work Order
Date Completed: 1/9/2019
Comments:

Title: Determination
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19281217&enforcement_id=60455455

Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Imminent and/or Subst. Endangerment Determination
Date Completed: 12/24/2018
Comments: Order signed and completed.

Title: Work Order 17-T4442
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19281217&enforcement_id=60444811
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: State/Federal Funded Site Work Order
Date Completed: 4/29/2018
Comments:

Title: SemiAnnual Groundwater Monitoring Report December 2015
Title Link: https://www.envirostor.dtsc.ca.gov/public/
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Monitoring Report
Date Completed: 6/30/2017
Comments: concur

Title: August 2021 Soil Vapor Sampling Plan
Title Link: https://www.envirostor.dtsc.ca.gov/public/
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Operation and Maintenance Plan
Date Completed: 8/16/2021
Comments: Sampling Plan has been approved.

Title: Progress report reviews
Title Link: https://www.envirostor.dtsc.ca.gov/public/
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Technical Report
Date Completed: 4/7/2020
Comments: reviewed and approved

Title: ERH Abandonment Report
Title Link: https://www.envirostor.dtsc.ca.gov/public/
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Technical Report
Date Completed: 8/10/2015
Comments: closed

Title: ERH Abandonment Workplan
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19281217&doc_id=60307501
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Well Decommissioning Workplan
Date Completed: 4/23/2014
Comments: done

Title: Remedial Action Plan

Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19281217&doc_id=5011927
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Record of Decision
Date Completed: 1/14/2005
Comments: ROD concurrence. Cleanup design will remediate shallow soils, regrade the entire site with clean soils and implement institutional controls. High vacuum oval-phase extraction is proposed for the upper vadose zone and a combination of electrical resistance heating with vapor extraction and vaccum enhanced pump and treat for lower rafroze zone is planned initially a flameless thermol oxidizer will be used with a switch out to carbon for the soil vapor. Contaminated groundwater will be treated with UV oxidation.

Title: QC Reports
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19281217&doc_id=60486521
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Technical Report
Date Completed: 9/4/2020
Comments: Approved

Title: Summary status report for Summer sampling event
Title Link: https://www.envirostor.dtsc.ca.gov/public/
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Monitoring Report
Date Completed: 10/9/2019
Comments: this

Title: Optimization Report
Title Link: https://www.envirostor.dtsc.ca.gov/public/
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Technical Report
Date Completed: 3/24/2012
Comments: done

Title: Remedial Investigation
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19281217&doc_id=5011928
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Remedial Investigation / Feasibility Study
Date Completed: 4/14/2004
Comments:

Title: Progress Reports Review
Title Link: https://www.envirostor.dtsc.ca.gov/public/
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Technical Report
Date Completed: 3/25/2021
Comments: Review complete-no comments.

Title: summary sampling status for spring of 2019
Title Link: https://www.envirostor.dtsc.ca.gov/public/
Area Name:
Area Link:
Sub Area:
Sub Area Link:

Document Type: Monitoring Report
Date Completed: 10/9/2019
Comments: this

Title: Five Year Review Site Visit
Title Link: https://www.envirostor.dtsc.ca.gov/public/
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Fieldwork
Date Completed: 12/8/2014
Comments: ended with an interview

Title: fact sheet
Title Link: https://www.envirostor.dtsc.ca.gov/public/
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Fact Sheets
Date Completed: 5/7/2020
Comments: concurrance

Title: Groundwater and Soil Vapor Sampling Report 3rd Quarter
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19281217&doc_id=60469710
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Monitoring Report
Date Completed: 1/22/2020
Comments: concur

Title: Groundwater and Soil Vapor Sampling Report 1st Quarter
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19281217&doc_id=60469708
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Monitoring Report
Date Completed: 12/18/2019
Comments:

Title: Project transfer from USEPA to State countdown
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19281217&doc_id=60430531
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Other Report
Date Completed: 8/20/2018
Comments: transferred

Title: Groundwater Monitoring Report
Title Link: https://www.envirostor.dtsc.ca.gov/public/
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Technical Report
Date Completed: 11/13/2014
Comments: done

Title: 2011 december Sampling and Monitoring Report
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19281217&doc_id=60403252
Area Name:
Area Link:
Sub Area:

Sub Area Link:
Document Type: Monitoring Report
Date Completed: 4/16/2013
Comments: concurred

Title: Progress Reports Review
Title Link: https://www.envirostor.dtsc.ca.gov/public/
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Technical Report
Date Completed: 2/5/2021
Comments: The review has been completed.

Title: Progress Reports Review
Title Link: https://www.envirostor.dtsc.ca.gov/public/
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Technical Report
Date Completed: 1/29/2021
Comments: O&M Reports are reviewed and approved with no substantive comments.

Title: 5 year review
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19281217&doc_id=60483967
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: 5 Year Review Reports
Date Completed: 9/23/2020
Comments: DTSC Concurred with 5 Year Review Report conclusion.

Title: QC Reports
Title Link: https://www.envirostor.dtsc.ca.gov/public/
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Technical Report
Date Completed: 9/12/2019
Comments: this

Title: groundwater monitoring workplan
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19281217&doc_id=60282068
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Technical Workplan
Date Completed: 5/13/2012
Comments: done

Title: Progress Reports Review
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19281217&doc_id=60499630
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Technical Report
Date Completed: 7/22/2021
Comments: Reviewed by ES.

Title: Operation and Maintenance
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19281217&doc_id=60474071
Area Name:
Area Link:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Sub Area:
Sub Area Link:
Document Type: Operation and Maintenance Manual
Date Completed: 1/6/2020
Comments:

Title: Five Year Review
Title Link: https://www.envirostor.dtsc.ca.gov/public/
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: 5 Year Review Reports
Date Completed: 6/22/2012
Comments: completed

Title: start up shake down
Title Link: https://www.envirostor.dtsc.ca.gov/public/
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Remedy Constructed: Operating Properly & Successfully
Date Completed: 1/27/2010
Comments: completed

46	3 of 5	WSW	0.35 / 1,840.76	147.83 / 5	PEMACO FORMER CHEMICAL CORPORATION 5040-5050 SLAUSON BLVD. MAYWOOD CA 90270	HIST CORTESE

Envirostor ID: 19281217
Status (Historical): ACTIVE
Site Type: FEDERAL SUPERFUND - LISTED
Site Code: 300705

46	4 of 5	WSW	0.35 / 1,840.76	147.83 / 5	PEMACO CHEMICAL CORPORATION FORMER 5040-5050 SLAUSON BLVD. MAYWOOD CA 90270	LUR

Estor/EPA ID: 19281217
Site Code: 300705
Nat Priority List: YES
Acres: 1.4 ACRES
Special Program:
Funding: JOINT STATE/FEDERAL-FUNDED
Assembly District: 63
Senate District: 33
School District:
Permit Renewal Lead:
Project Manager: FATIMA CARRERA
Supervisor: JULI PROPES
Public Partici Spclst: MANUEL LOPEZ
Census Tract: 6037533703
County: LOS ANGELES
Latitude: 33.9855919
Longitude: -118.172289
APN: NONE SPECIFIED
Cleanup Status: ACTIVE AS OF 6/15/2020
Cleanup Oversight Agencies: DTSC - SITE CLEANUP PROGRAM - LEAD AGENCY
Site Type: STATE RESPONSE OR NPL
Office: CLEANUP CHATSWORTH
Past Use that Caused Contam: MANUFACTURING - CHEMICALS
Potential Media Affected: OTHER GROUNDWATER AFFECTED (USES OTHER THAN DRINKING WATER), SOIL, SOIL VAPOR
Potential Contamin of Concern:

1,1,1-TRICHLOROETHANE (TCA)
TETRACHLOROETHYLENE (PCE)
TRICHLOROETHYLENE (TCE)
VINYL CHLORIDE

Site History:

The Pemaco site is a 1.4 acre site which is located in a mixed industrial and residential neighborhood in the City of Maywood, CA. The City of Maywood

is a small community located southeast of the City of Los Angeles. Maywood has an area of 1.14 square miles and a population of 29,469. The City of Maywood is also surrounded on three sides by heavy industry.

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EPA hired the Army Corps of Engineers (ACOE) to supervise construction of the remedy. TN& Associates was hired as the construction manager for the site. TRS was hired as the contractor to implement the ERH remedy for the site. The groundwater system became operational during April 2007. The vapor treatment became operational during May 2007, and the ERH system went online during September 2007. EPA pays for all electricity to the treatment plant and the former ERH source area under a separate contract with GSA and the electrical utility company Southern California Edison. The ERH remedy was completed during April 2008 and subsequently turned off. The groundwater and vapor treatment system continue to operate at the site. EPA opened a Region 5 RAC II work assignment during March 2008 with SulTrac.

The major components of the selected remedy for the Pemaco Superfund site include a groundwater treatment system and a vapor treatment system that are installed in a steel frame building with a 4-inch concrete containment berm. The two systems are designed to operate independently of each other. The electrical resistive heating remedy was completed during 2008. The ERH remedy utilized 58 electrodes located in the area of highest TCE impact. Listed below are the major components of each treatment system.

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- Groundwater booster tank, T-401 with transfer pump, P-401
- 10 micron multiple bag filer housing, F-401 with a single bag filter bypass, F-402
- Holding tank, T-402 with a variable spped drive transfer pump, P-402
- Second set of 10 micron single bag filters, F-403 and F-404
- Two 3,000 pound liquid phase carbon adsorbers, T-403, and T-404
- Discharge flow totalizer, FQI-402
- Discharge sampling box, T 405 (sanitary sewer discharge)
- 25 dual phased perched extraction wells, 32 exposition groundwater extraction wells

Vapor treatment system:
- Moisture separator, T-101
- Vapor particulate filter skid, F-101 and F-102
- Two 75 hp liquid-ring vacuum pumps, B-101 and B102
- Oil mist filter skid, F-103 and F-104
- Flameless thermal oxidizer and scrubber skid, FTO-101(turned off May 2008)
- Flame arrestor, FA-301 serving as backflash prevention device
- 2 vapor phase carbon adsorbers, T-301 and T-302
- Heat exchanger, H201
- Vapor conditioning package: cooling tower, CT-201, cooling tower pump, P203, refrigerated chiller, RC-201
- 2 4,000 pound vapor phase carbon adsorption vessels, T-301 and T-302

ERH treatment system: (turned off during April 2008)

- 28 vapor recovery (VR) wells and 58 electrode vapor extraction wells
- 30 Vapor monitoring points (VMP)
- Maintain at a minimum 560 scfm vapor extraction rate from the ERH well field and maintain 25-30 percent LEL at 1000 scfm into the FTO

The site is currently incorporated into the Maywood Riverfront Park and is zoned for recreational use. The closest residential home is located approximately 150 feet from the Pemaco main source contamination. A neighborhood elementary school is located 2 blocks east of the site. Treatment and Monitoring of groundwater and soil vapor continues. The site came under DTSC oversight August 2018.

Status: ACTIVE - LAND USE RESTRICTIONS
Program Type: FEDERAL SUPERFUND - LISTED
CalEnviroScreen Score: 91-95%

Summary Link: https://www.envirostor.dtsc.ca.gov/public/profile_report?global_id=19281217

Land Use Restrictions

Site Management Requirements: NONE SPECIFIED
Title: Land Use Restriction
Title Link: https://www.envirostor.dtsc.ca.gov/public/<_sre.SRE_Match object; span=(0, 166), match='<TD NOWRAP VALIGN=TOP><A TARGET="2054366171" HREF>
Date Recorded: 9/17/2019

Completed Activities

Title: Progress Reports Review
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19281217&doc_id=60498066
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Technical Report
Date Completed: 5/25/2021
Comments: Progress reports have been reviewed and approved.

Title: SemiAnnual Groundwater Monitoring Report December 2015
Title Link: https://www.envirostor.dtsc.ca.gov/public/
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Monitoring Report
Date Completed: 6/30/2017
Comments: concur

Title: Five Year Review Site Visit
Title Link: https://www.envirostor.dtsc.ca.gov/public/
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Fieldwork
Date Completed: 12/8/2014
Comments: ended with an interview

Title: Determination
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19281217&enforcement_id=60455455
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Imminent and/or Subst. Endangerment Determination
Date Completed: 12/24/2018
Comments: Order signed and completed.

Title: Progress Reports Review
Title Link: https://www.envirostor.dtsc.ca.gov/public/
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Technical Report
Date Completed: 1/29/2021
Comments: O&M Reports are reviewed and approved with no substantive comments.

Title: 5 year review
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19281217&doc_id=60483967
Area Name:
Area Link:

Sub Area:
Sub Area Link:
Document Type: 5 Year Review Reports
Date Completed: 9/23/2020
Comments: DTSC Concurred with 5 Year Review Report conclusion.

Title: Progress Reports Review
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19281217&doc_id=60499630
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Technical Report
Date Completed: 7/22/2021
Comments: Reviewed by ES.

Title: Progress report reviews
Title Link: https://www.envirostor.dtsc.ca.gov/public/
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Technical Report
Date Completed: 4/7/2020
Comments: reviewed and approved

Title: Remedial Investigation
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19281217&doc_id=5011928
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Remedial Investigation / Feasibility Study
Date Completed: 4/14/2004
Comments:

Title: USEPA Historical Documents from Transfer
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19281217&doc_id=60480431
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Other Report
Date Completed: 6/18/2019
Comments: completion of data dump when project transferred from epa to dtsc

Title: Progress Reports Review
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19281217&doc_id=60489563
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Technical Report
Date Completed: 12/1/2020
Comments: ESPO reviewed and approved.

Title: Five Year Review
Title Link: https://www.envirostor.dtsc.ca.gov/public/
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: 5 Year Review Reports
Date Completed: 6/22/2012
Comments: completed

Title: Work Order 2 - Contract 17-T4442 A1
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19281217&enforcement_id=60455951
Area Name:

Area Link:
Sub Area:
Sub Area Link:
Document Type: State/Federal Funded Site Work Order
Date Completed: 1/9/2019
Comments:

Title: Optimization Report
Title Link: https://www.envirostor.dtsc.ca.gov/public/
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Technical Report
Date Completed: 3/24/2012
Comments: done

Title: fact sheet
Title Link: https://www.envirostor.dtsc.ca.gov/public/
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Fact Sheets
Date Completed: 5/7/2020
Comments: concurrance

Title: Groundwater Monitoring Report
Title Link: https://www.envirostor.dtsc.ca.gov/public/
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Technical Report
Date Completed: 11/13/2014
Comments: done

Title: Summary status report for Summer sampling event
Title Link: https://www.envirostor.dtsc.ca.gov/public/
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Monitoring Report
Date Completed: 10/9/2019
Comments: this

Title: 2011 december Sampling and Monitoring Report
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19281217&doc_id=60403252
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Monitoring Report
Date Completed: 4/16/2013
Comments: concurred

Title: Semi Annual Groundwater Fall 2020
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19281217&doc_id=60492689
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Monitoring Report
Date Completed: 6/29/2021
Comments: Report has been accepted.

Title: Land Use Restriction
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19281217&enforcement_id=60315172

Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Land Use Restriction
Date Completed: 9/17/2019
Comments:

Title: ERH Abandonment Report
Title Link: https://www.envirostor.dtsc.ca.gov/public/
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Technical Report
Date Completed: 8/10/2015
Comments: closed

Title: Groundwater and Soil Vapor Sampling Report 1st Quarter
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19281217&doc_id=60469708
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Monitoring Report
Date Completed: 12/18/2019
Comments:

Title: QC Reports
Title Link: https://www.envirostor.dtsc.ca.gov/public/
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Technical Report
Date Completed: 9/12/2019
Comments: this

Title: Progress Reports Review
Title Link: https://www.envirostor.dtsc.ca.gov/public/
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Technical Report
Date Completed: 3/25/2021
Comments: Review complete-no comments.

Title: Operation and Maintenance
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19281217&doc_id=60474071
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Operation and Maintenance Manual
Date Completed: 1/6/2020
Comments:

Title: Remedial Action Plan
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19281217&doc_id=5011927
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Record of Decision
Date Completed: 1/14/2005
Comments: ROD concurrence. Cleanup design will remediate shallow soils, regrade the entire site with clean soils and implement institutional controls. High vacuum oval-phase extraction is proposed for the upper vadose zone and a combination of electrical resistance heating with vapor extraction and vaccum enhanced pump and treat for lower

rafroze zone is planned initially a flameless thermol oxidizer will be used with a switch out to carbon for the soil vapor. Contaminated groundwater will be treated with UV oxidation.

Title: Groundwater and Soil Vapor Sampling Report 3rd Quarter
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19281217&doc_id=60469710
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Monitoring Report
Date Completed: 1/22/2020
Comments: concur

Title: Semi Annual Groundwater Spring 2020
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19281217&doc_id=60478484
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Monitoring Report
Date Completed: 2/17/2021
Comments:

Title: Remedial Design 100% Completion
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19281217&doc_id=6008312
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Design/Implementation Workplan
Date Completed: 12/5/2007
Comments: complete

Title: QC Reports
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19281217&doc_id=60486521
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Technical Report
Date Completed: 9/4/2020
Comments: Approved

Title: summary sampling status for spring of 2019
Title Link: https://www.envirostor.dtsc.ca.gov/public/
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Monitoring Report
Date Completed: 10/9/2019
Comments: this

Title: Project Management Activities
Title Link: https://www.envirostor.dtsc.ca.gov/public/
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Project Management
Date Completed: 6/30/2021
Comments: Completed.

Title: groundwater monitoring workplan
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19281217&doc_id=60282068
Area Name:
Area Link:
Sub Area:
Sub Area Link:

Document Type: Technical Workplan
Date Completed: 5/13/2012
Comments: done

Title: Progress Reports Review
Title Link: https://www.envirostor.dtsc.ca.gov/public/
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Technical Report
Date Completed: 2/5/2021
Comments: The review has been completed.

Title: Work Order 17-T4442
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19281217&enforcement_id=60444811
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: State/Federal Funded Site Work Order
Date Completed: 4/29/2018
Comments:

Title: Project transfer from USEPA to State countdown
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19281217&doc_id=60430531
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Other Report
Date Completed: 8/20/2018
Comments: transferred

Title: Draft Final Design Memo
Title Link: https://www.envirostor.dtsc.ca.gov/public/
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Remedial Design - Preliminary/Intermediate
Date Completed: 12/11/2018
Comments: concurrence

Title: August 2021 Soil Vapor Sampling Plan
Title Link: https://www.envirostor.dtsc.ca.gov/public/
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Operation and Maintenance Plan
Date Completed: 8/16/2021
Comments: Sampling Plan has been approved.

Title: start up shake down
Title Link: https://www.envirostor.dtsc.ca.gov/public/
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Remedy Constructed: Operating Properly & Successfully
Date Completed: 1/27/2010
Comments: completed

Title: ERH Abandonment Workplan
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19281217&doc_id=60307501
Area Name:
Area Link:
Sub Area:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Sub Area Link:
Document Type: Well Decommissioning Workplan
Date Completed: 4/23/2014
Comments: done

Title: 2018 Third Quarter operations and Maintenance Monitoring
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19281217&doc_id=60463063
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Operation and Maintenance Report
Date Completed: 7/30/2019
Comments:

46	5 of 5	WSW	0.35 / 1,840.76	147.83 / 5	PEMACO FORMER CHEMICAL CORPORATION 5040-5050 SLAUSON BLVD. MAYWOOD CA 90270	CALSITES

ID No:	19281217	**Assembly:**	46
Status Date:	07/01/2001	**Senate:**	22
NPL:	L	**Region:**	3
Tier:		**Region Name:**	GLENDALE
Fund:		**County Co:**	19
Access :		**Facility County:**	LOS ANGELES
Access Code:	NOT REPORTED	**Lat Deg:**	0
Cortese:		**Lat Min:**	0
Hrscore:		**Lat Sec:**	0
Hrsdate:		**Lat Dir:**	
Groundwater Contam:	C	**Long Deg:**	0
GW Code:	CONTROLLED	**Long Min:**	0
No Sources:	0	**Long Sec:**	0
RWQCB Name:		**Long Dir:**	
Branch Name:	SO CAL - GLENDALE	**Llmethod:**	
Staff:	LPARNASS	**Lldesc:**	
Senior:			

Status Name: ANNUAL WORKPLAN - ACTIVE SITE
Type Name: NPL SITE, RP-FUNDED
Lead Name: ENVIRONMENTAL PROTECTION AGENCY
SIC Name: MANU - CHEMICALS & ALLIED PRODUCTS
Filename:
Comments:

ROD concurrence. Cleanup design will remediate shallow soils, regrade the entire site with clean soils and implement institutional controls. High vacuum oval-phase extraction is proposed for the upper vadose zone and a combination of electrical resistance heating with vapor extraction and vaccum enhanced pump and treat for lower rafroze zone is planned initially a flameless thermol oxidizer will be used with a switch out to carbon for the soil vapor. Contaminated groundwater will be treated with UV oxidation. EPA adds Pemaco to the National Priorities List. Field work begins on the RI. SVE System Shutdown due to community concerns. USEPA conducts expanded investigation. Collects 120 shallow (5 feet bg) soil samples beneath the concrete access road along northeastern border. Sampled upper and lower vadose zone (10 to 90 feet) in borings for MW-1 and MW-2 and soil borings SSB-1 through SSB-4. Installed wells MW-1 through MW-4 (80-100 feet bg). Discovered 1,1-DCE and TCE contamination down to 90 feet bg. Also found free floating product in wells B-2, B-6, and B-9. Free product 20-30% gas range hydrocarbons. They also begin removing the tanks, the burned out warehouse and all other aboveground structures. Veswells are installed in the VST backfill. SVE System begins operation. The City of Maywood ordered the site to be fenced and serves notice to owner that the Underground Storage Tanks be removed and groundwater samples be collected. State superfund contract is approved. DTSC agrees to pay 10% of construction and start up/shake down costs for the remedial action. The total state share is $811,323. RI/FS concurrance. Sitewide VOC contamination in grwoundwater, soil vapor, and soils. Field work concludes: The investigation included collection and analysis of more than 1,000 soil samples, 75 groundwater samples and 50 samples of soil vapor. The samples were obtained from the Pemaco property, adjacent properties and locations as far away as three blocks from the site. VOC LNAPL detected, near percentage range,DNAPL not investigated. Local drinking watersupply wells are not impacted by site groundwater contamination. During this investigations other nearby offsite groundwater contamination plumes were discovered at W W Henry and the Catellus buidling. A local area ivestigation of residences was conducted for indoor air impacts from the subsurface contamination. Although the indoor air sampling did not show chemicals above residential PRGs, the presence of acetone was persistent throughout the sampling event. RI being drafted. Pemaco conducted an initial soil gas sampling, then drilled 16 soil borings (25 to 45 feet deep). The most prevalent chemical found was Tolunene and Paradehyde, Benzene, PCE, 1,1-DCE and TCE exceeded regulatory levels. The 16 borings were turned into shallow wells (B-1 through B-16). USEPA contracted the U.S. Army Corps of Engineers and TN & Associates (TN&A) to begin planning and perform Remedial Investigation and Feasibility Study for the site. Preliminary Assessment/Site Investigation (PA/SI) conducted by USEPA concluding that more assessment was needed to rank the site per CERCLA/Superfund. The LA County HazMat conducted site visit to find numerous open and leaking drums. Notice of violation was issued. USEPA holds a Public Meeting. Additional soil sampling by START involving 44 samples at 22 locations (surface and 2.5') and 6 samples from 3 locations (surface and 3.5") in a suspected "sump area" located along the southwest fence line (10'x 100'). TCE and 1,1,1-TCA (up to 694 ug/kg) were the most prevalent. A sitewide soil vapor, soil and perched groundwater assessment,

performed in a grid-like pattern over the entire site detected results correlating with the sources. Chlorinated compounds in the Warehouse and drum storage and more BTEX in the UST areas. USEPA conducts pilot tests for Soil Vapor Extraction (SVE), in-situ respiration and bioslurping. This includes the installation of temporary and permanent vapor monitoring points and the installation of SVE-1. Warehouse burns to the ground. Pemaco (Lux) has all but 6 of the 55-gallon drums and two of the Abovegrund Storage Tanks (AST) removed from the site. USEPA installed SVE system by installing four more SVE wells (SVE -2 through SVE-5), setting up a carbon vessel and a thermox unit and also plumbing in various ALT wells and the horizontal piping in the UST backfill. City of Maywood acquired the property from the TRUST for public land (trust). The USEPA signed a proposed purchaser agreement with the TRUST prior to the acquisition. The City of Maywood plans to Construct a public recreational park on the property.

Background:

Pemaco,Inc. operated from the 1950's until 1984 as a chemical blending facility and distributor, under the ownership of Marie Richards. In 1984, Lux International purchased the property and continued operating a chemical blending facility until 1991 under the ownership of Mr. Lawrence SZE. In 1991, the site became inactive. The property consists of 1.14 acres in a mixed residential and industrial neighborhood and is currently a vacant lot. As a chemcial bledning operation large quantities of chemicals where stored in 55-gallon drums, above-ground tanks, and thirty- one 500 to 20,000 gallon under ground storage tanks. A wide variety of chemicals were used on-site including but not limited to chlorinated and aromatic solvents, flammable liquids, oils and specialty chemicals.

47	1 of 1	W	0.35 / 1,872.42	142.26 / 0	**CALIFORNIA BY-PRODUCTS** **5717 SOUTH DISTRICT BLVD** **LOS ANGELES CA 90040**	SEMS ARCHIVE

Site ID:	0909427	***FIPS Code:***	06037
EPA ID:	CAN000909427	***Cong District:***	
Superfund Alt Agmt:	No	***Region:***	09
Federal Facility:	No	***County:***	LOS ANGELES
FF Docket:	No		
NPL:	Not on the NPL		
Non NPL Status:	Referred to Removal - NFRAP		

Action Information

Operable Units:	00	***Start Actual:***	09/29/2016
Action Code:	RS	***Finish Actual:***	10/12/2016
Action Name:	RV ASSESS	***Qual:***	
SEQ:	1	***Curr Action Lead:***	EPA Perf
Operable Units:	00	***Start Actual:***	04/18/2012
Action Code:	HX	***Finish Actual:***	07/31/2012
Action Name:	PRE-CERC	***Qual:***	
SEQ:	1	***Curr Action Lead:***	EPA Perf

48	1 of 6	W	0.37 / 1,928.63	140.80 / -2	**JOE'S PLASTICS** **5725 DISTRICT BLVD.** **VERNON CA 90058**	CERCLIS

Site ID:	0904403	***RNPL Status Code:***	N
Site EPA ID:	CAD983624230	***NPL Status:***	Not on the NPL
Site Street Address 2:		***RFED Facility Code:***	N
Site County Name:	LOS ANGELES	***RFED Facility Desc:***	Not a Federal Facility
Site FIPS Code:	06037	***USGS Hydro Unit No.:***	18070105
Region Code:	09	***Site Cong. Dist. Code:***	25
Site SMSA No.:	4480	***ROT Desc:***	Private
Site Prim. Latitude:	33D59M19S	***FR NPL Update No.:***	
Site Prim. Longitude:	118D10M24S	***RFRA Code:***	
Lat Long Source:			
RNON NPL Status Desc:	NFRAP-Site does not qualify for the NPL based on existing information		

CERCLIS Assess History

OU ID:	00	***RALT Short Name:***	EPA Fund
Act Code ID:	001	***Act Start Date:***	
RAT Code:	PA	***Act Complete Date:***	5/2/1994 00:00:00
RAT Short Name:	PA	***AGT Order No.:***	130
RAT Name:	PRELIMINARY ASSESSMENT	***SH OU:***	

RAT Hist. Only Flag:		**SH Code:**	
RAT NSI Indicator:	B	**SH Seq:**	
RAT Level:	1	**SH Start Date:**	
RAT DEF OU:	00	**SH Complete Date:**	
RFBS Code:	P	**SH Lead:**	
SPA Code:	13		

RAT Def: Collection of diverse existing information about the source and nature of the site hazard. It is EPA policy to complete the preliminary assessment within one year of site discovery.

Site Desc:
Site Alias:

CERCLIS Assess History

OU ID:	00	**RALT Short Name:**	
Act Code ID:		**Act Start Date:**	
RAT Code:		**Act Complete Date:**	
RAT Short Name:		**AGT Order No.:**	0
RAT Name:		**SH OU:**	
RAT Hist. Only Flag:		**SH Code:**	
RAT NSI Indicator:		**SH Seq:**	
RAT Level:		**SH Start Date:**	
RAT DEF OU:		**SH Complete Date:**	
RFBS Code:		**SH Lead:**	
SPA Code:			

RAT Def:
Site Desc: No description available
.
Site Alias: No alias data available

CERCLIS Assess History

OU ID:	00	**RALT Short Name:**	EPA Fund
Act Code ID:	001	**Act Start Date:**	
RAT Code:	DS	**Act Complete Date:**	3/26/1992 00:00:00
RAT Short Name:	DISCVRY	**AGT Order No.:**	10
RAT Name:	DISCOVERY	**SH OU:**	
RAT Hist. Only Flag:		**SH Code:**	
RAT NSI Indicator:	B	**SH Seq:**	
RAT Level:	1	**SH Start Date:**	
RAT DEF OU:	00	**SH Complete Date:**	
RFBS Code:		**SH Lead:**	
SPA Code:	13		

RAT Def: The process by which a potential hazardous waste site is brought to the attention of the EPA. The process can occur through the use of several mechanisms such as a phone call or referral by another government agency.

Site Desc:
Site Alias:

CERCLIS Assess History

OU ID:	00	**RALT Short Name:**	EPA In-House
Act Code ID:	001	**Act Start Date:**	
RAT Code:	VS	**Act Complete Date:**	5/2/1994 00:00:00
RAT Short Name:	ARCH SITE	**AGT Order No.:**	1500
RAT Name:	ARCHIVE SITE	**SH OU:**	
RAT Hist. Only Flag:		**SH Code:**	
RAT NSI Indicator:	B	**SH Seq:**	
RAT Level:	1	**SH Start Date:**	
RAT DEF OU:	00	**SH Complete Date:**	
RFBS Code:		**SH Lead:**	
SPA Code:	13		

RAT Def: The decision is made that no further activity is planned at the site.

Site Desc:
Site Alias:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
48	2 of 6	W	0.37 / 1,928.63	140.80 / -2	JOE'S PLASTICS 5725 DISTRICT BLVD. VERNON CA 90058	CERCLIS NFRAP

Site ID: 904403
Site EPA ID: CAD983624230
Site Parent ID:
Site County Name: LOS ANGELES
Parent Site Name:
Site FIPS Code: 6037
Region Code: 9
Site Cong. Dist. Code: 25
Federal Facility:

CERCLIS-NFRAP Assess History

OU ID: 0
Act Code ID: 1
RAT Code: PA
RAT Short Name: PA
RAT Name: PRELIMINARY ASSESSMENT
RAT Hist. Only Flag:
RAT NSI Indicator: B
RAT Level: 1
RAT DEF OU: 00
RFBS Code: P
SPA Code: 13
RALT Short Name: EPA Fund
Act Start Date:
Act Complete Date: 5/2/1994
AGT Order No.: 130
SH OU:
SH Code:
SH Seq:
SH Start Date:
SH Complete Date:
SH Lead:
SH Qual:
RAQ Act. Qual Short: NFRAP
RNPL Status Code: N
RAT Def: Collection of diverse existing information about the source and nature of the site hazard. It is EPA policy to complete the preliminary assessment within one year of site discovery.
RNON NPL Status Desc: NFRAP-Site does not qualify for the NPL based on existing information

CERCLIS-NFRAP Assess History

OU ID: 0
Act Code ID: 1
RAT Code: DS
RAT Short Name: DISCVRY
RAT Name: DISCOVERY
RAT Hist. Only Flag:
RAT NSI Indicator: B
RAT Level: 1
RAT DEF OU: 00
RFBS Code:
SPA Code: 13
RALT Short Name: EPA Fund
Act Start Date:
Act Complete Date: 3/26/1992
AGT Order No.: 10
SH OU:
SH Code:
SH Seq:
SH Start Date:
SH Complete Date:
SH Lead:
SH Qual:
RAQ Act. Qual Short:
RNPL Status Code: N
RAT Def: The process by which a potential hazardous waste site is brought to the attention of the EPA. The process can occur through the use of several mechanisms such as a phone call or referral by another government agency.
RNON NPL Status Desc: NFRAP-Site does not qualify for the NPL based on existing information

CERCLIS-NFRAP Assess History

OU ID: 0
Act Code ID: 1
RAT Code: VS
RAT Short Name: ARCH SITE
RAT Name: ARCHIVE SITE
RAT Hist. Only Flag:
RAT NSI Indicator: B
RAT Level: 1
RAT DEF OU: 00
RFBS Code:
SPA Code: 13
RALT Short Name: EPA In-House
Act Start Date:
Act Complete Date: 5/2/1994
AGT Order No.: 1500
SH OU:
SH Code:
SH Seq:
SH Start Date:
SH Complete Date:
SH Lead:
SH Qual:
RAQ Act. Qual Short:
RNPL Status Code: N
RAT Def: The decision is made that no further activity is planned at the site.
RNON NPL Status Desc: NFRAP-Site does not qualify for the NPL based on existing information

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
48	3 of 6	W	0.37 / 1,928.63	140.80 / -2	JOE'S PLASTICS 5725 DISTRICT BLVD.	ENVIROSTOR

VERNON CA 90040

Estor/EPA ID:	19300235	***Assembly District:***	53
Site Code:		***Senate District:***	33
Nat Priority List:	NO	***Permit Renewal Lead:***	
APN:	NONE SPECIFIED	***Public Partici Spclst:***	
Census Tract:	6037532304	***Project Manager:***	
Site Type:	EVALUATION	***County:***	LOS ANGELES
Address Description:	5725 DISTRICT BLVD.	***Latitude:***	33.9879463008403
Office:	CLEANUP CHATSWORTH	***Longitude:***	-118.174284391722
Special Program:	EPA - PASI	***Acres:***	2 ACRES
Funding:		***Supervisor:***	

Cleanup Status: REFER: OTHER AGENCY AS OF 8/31/1995
Cleanup Oversight Agencies: NONE SPECIFIED
School District:
Past Use that Caused Contam: NONE SPECIFIED
Potential Media Affected: NONE SPECIFIED
Potential Contamin of Concern:

HALOGENATED ORGANIC COMPOUNDS
HALOGENATED SOLVENTS
UNSPECIFIED OIL CONTAINING WASTE
UNSPECIFIED SOLVENT MIXTURES
WASTE OIL & MIXED OIL

Site History:

The Site is a 1.5 acre plastic recycling company that generates plastic scrap as a byproduct of their production process. Reprocessed polypropye, and polyethylene pellets are made from the scrap plastic. These pellets are then ground, or melted into Mud Flaps for trucks, and for other industrial products. The Site began operations in 1974 . In 1994, The EPA conducted a Preliminary Assessment, (PA). In the PA, during an onsite visit it was discovered that PCE was used to clean the machinery, and stored in drums. The PA concluded that the Site did not qualify for further remedial site assessment under CERCLA, and that No Further Federal Action, (NFFA) should be warranted. The DTSC recommends the EPA to conduct a Site Investigation, as a Preliminary Assessment was already done in 1994. Groundwater CoC is associated with the Site and potentially the Sites historical use. A Site Investigation would serve as a useful study to address the extent of the CoC's by surrounding Sites which may have also impacted regional groundwater.

Status: REFER: OTHER AGENCY
Program Type: EVALUATION
CalEnviroScreen Score: 96-100%
Summary Link: https://www.envirostor.dtsc.ca.gov/public/profile_report?global_id=19300235

Completed Activities

Title: Joe's Plastics Site Screening
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19300235&enforcement_id=60363590
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: PA/SI Discovery
Date Completed: 8/11/2014
Comments:

Title: Site Screening
Title Link: https://www.envirostor.dtsc.ca.gov/public/
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Site Screening
Date Completed: 3/6/1995
Comments: Database Validation Program confirms NFA for DTSC.

Title: USEPA Site Reassessment Report
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19300235&enforcement_id=60450089
Area Name:
Area Link:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Sub Area:
Sub Area Link:
Document Type: PA/SI Reassessment
Date Completed: 8/24/2018
Comments: Received USEPA Site Reassessment Report

Title: Site Screening
Title Link: https://www.envirostor.dtsc.ca.gov/public/
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Site Screening
Date Completed: 7/28/1994
Comments: The Department received a U.S. EPA PA report dated 5/2/1994. The site consists of approximately 2 acres. Joe's Plastics, a plastic recycler opeated at the site since 1976. From 1966 to 1976 Calmec Manufacturing opeated at the site. Small quantities of perchloroethene (PCE) are used to clean the machinery onsite, and the oil used in onsite machinery is periodically changed are the only hazardous wastes stored at the site. There is no evidence of a hazardous substances release that may constitute a threat to public health or the environment at the site. In addition, the site is a hazardous waste generator and holds the City of Vernon Hazardous Materials Permit. Therefore, the Dept. referred the site to the City of Vernon.

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
48	4 of 6	W	0.37 / 1,928.63	140.80 / -2	JOE'S PLASTICS 5725 DISTRICT BLVD. VERNON CA 90058	SEMS

EPA ID: CAD983624230
Date SEMS List: 20-OCT-2021
FIPS Code:
Cong District:
County: LOS ANGELES
Latitude:
Longitude:
Region:
PGM Sys ID(MAP): CAD983624230

Primary Name(MAP): JOE'S PLASTICS INC
Loc Address(MAP): 5725 DISTRICT BLVD
City Name(MAP): VERNON
State Code(MAP): CA
Postal Code(MAP): 90058
County Name(MAP): LOS ANGELES COUNTY
Latitude83(MAP): 33.98813
Longitude83(MAP): -118.17394

Site Level Information

Site ID: 0904403
NPL: Not on the NPL
Federal Facility: No
FF Docket: No
Non NPL Status: SI Ongoing

Superfund Alt Agmt: No
FIPS Code: 06037
Cong District: 25
Region: 09

Action Information

Operable Units: 00
Action Code: PA
Action Name: PA
SEQ: 1
Start Actual: 05/02/1994
Finish Actual: 05/02/1994
Qual: N
Curr Action Lead: EPA Perf

Operable Units: 00
Action Code: VS
Action Name: ARCH SITE
SEQ: 1
Start Actual: 05/02/1994
Finish Actual: 05/02/1994
Qual:
Curr Action Lead: EPA Perf In-Hse

Operable Units: 00
Action Code: DS
Action Name: DISCVRY
SEQ: 1
Start Actual: 03/26/1992
Finish Actual: 03/26/1992
Qual:
Curr Action Lead: EPA Perf

Operable Units: 00
Action Code: OO
Action Name: SITE REASS
SEQ: 1
Start Actual:
Finish Actual: 08/20/2018
Qual: H
Curr Action Lead: EPA Perf

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Operable Units:	00	**Start Actual:**	06/30/2014
Action Code:	HX	**Finish Actual:**	06/30/2014
Action Name:	PRE-CERC	**Qual:**	
SEQ:	1	**Curr Action Lead:**	EPA Perf
Operable Units:	00	**Start Actual:**	06/30/2014
Action Code:	VU	**Finish Actual:**	06/30/2014
Action Name:	UNARCHIVE	**Qual:**	
SEQ:	1	**Curr Action Lead:**	EPA Perf In-Hse

REST Information

Registry ID:	110070090011	**Pgm Sys Acrnm:**	SEMS
Active Status:	NOT ON THE NPL	**Accuracy Value:**	
Key Field:	SEMSCAD983624230	**HUC8 Code:**	18070105
Interest Type:	SUPERFUND (NON-NPL)	**HUC 12:**	
Fed Agency Name:		**Federal Land Ind:**	
Fed Facility Code:	N	**Public Ind:**	Y
EPA Region Code:	09	**Pgm Report:**	no data yet

Collect Mth Desc: THE GEOGRAPHIC COORDINATE DETERMINATION METHOD BASED ON ADDRESS MATCHING
Ref Point Desc: CENTER OF A FACILITY OR STATION
Fac Url: https://ofmpub.epa.gov/frs_public2/fii_query_detail.disp_program_facility?p_registry_id=110070090011
Program Url:
Pgm Report Url: no data yet
Fips Code: 06037

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
48	5 of 6	W	0.37 / 1,928.63	140.80 / -2	JOE'S PLASTICS 5725 DISTRICT BLVD. VERNON CA 90040	CALSITES

ID No:	19300235	**Assembly:**	
Status Date:	08/31/1995	**Senate:**	
NPL:		**Region:**	3
Tier:		**Region Name:**	BURBANK
Fund:		**County Co:**	19
Access :	C	**Facility County:**	LOS ANGELES
Access Code:	CONTROLLED	**Lat Deg:**	0
Cortese:		**Lat Min:**	0
Hrscore:		**Lat Sec:**	0
Hrsdate:		**Lat Dir:**	
Groundwater Contam:	N	**Long Deg:**	0
GW Code:	UNKNOWN	**Long Min:**	0
No Sources:	0	**Long Sec:**	0
RWQCB Name:	LOS ANGELES	**Long Dir:**	
Branch Name:	SOUTHERN CA. - A	**LImethod:**	
Staff:	JABRAHAM	**LIdesc:**	
Senior:	MMONROY		

Status Name: PROPERTY/SITE REFERRED TO ANOTHER AGENCY
Type Name: N/A
Lead Name: N/A
SIC Name: MANU - RUBBER & MISC PLASTICS PRODUCTS
Filename: JOE'S PLASTICS
Comments:

The Department received a U.S. EPA PA report dated 5/2/1994. The site consists of approximately 2 acres. Joe's Plastics, a plastic recycler opeated at the site since 1976. From 1966 to 1976 Calmec Manufacturing opeated at the site. Small quantities of perchloroethene (PCE) are used to clean the machinery onsite, and the oil used in onsite machinery is periodically changed are the only hazardous wastes stored at the site. There is no evidence of a hazardous substances release that may constitute a threat to public health or the environment at the site. In addition, the site is a hazardous waste generator and holds the City of Vernon Hazardous Materials Permit. Therefore, the Dept. referred the site to the City of Vernon. Database Validation Program confirms NFA for DTSC.

Background:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
48	6 of 6	W	0.37 /	140.80 /	JOE'S PLASTIC INC	C&D DEBRIS RECY

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
			1,928.63	-2	5725 DISTRICT BLVD LOS ANGELES CA 90058	

County: LOS ANGELES

Activity Type: PLASTIC RECLAIMERS
PLASTIC SHREDDING AND GRINDING
Phone No: (323) 771-8433

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
49	1 of 1	W	0.37 / 1,961.99	139.86 / -3	JOE'S PLASTICS 5717-5801 DISTRICT BLVD VERNON CA 90058	CLEANUP SITES

Global ID: T10000012508
Status: OPEN - SITE ASSESSMENT
Status Date: 12/26/2018
Site Facility Type: CLEANUP PROGRAM SITE
Data Source: Cleanup Program Sites from GeoTracker Search; Cleanup Sites from GeoTracker Cleanup Sites Data Download
Latitude: 33.98793
Longitude: -118.17416
County: LOS ANGELES

Cleanup Sites from GeoTracker Cleanup Sites Data Download - Facilities Detail

RB Case No: 1445
Local Case No:
Begin Date: 12/26/2018
File Location:
Lead Agency: LOS ANGELES RWQCB (REGION 4)
Local Agency:
Potential COC:
Potential Media of Concern:
How Discovered:
How Discovered Description:
Stop Description:
CalWater Watershed Name: Los Angeles River - Los Angeles (412.10)
DWR GW Subbasin Name: Coastal Plain Of Los Angeles - Central (4-011.04)
Disadvantaged Community:
CalEnviroScreen Score: 96-100% (highest scores)
Site History:
Stop Method:
CUF Case: NO
Case Worker: CH

Cleanup Sites from GeoTracker Cleanup Sites Data Download - Regulatory Activity

Action Type: ENFORCEMENT
Date: 2021-06-07 00:00:00
Action: 13267 Requirement

Action Type: ENFORCEMENT
Date: 2019-07-30 00:00:00
Action: 13267 Requirement

Action Type: ENFORCEMENT
Date: 2019-06-17 00:00:00
Action: 13267 Requirement

Action Type: ENFORCEMENT
Date: 2019-03-26 00:00:00
Action: 13267 Requirement

Action Type: ENFORCEMENT
Date: 2018-12-26 00:00:00
Action: 13267 Requirement

Cleanup Sites from GeoTracker Cleanup Sites Data Download - Status History

Status: Open - Case Begin Date
Status Date: 2018-12-26 00:00:00

Status: Open - Site Assessment
Status Date: 2018-12-26 00:00:00

Cleanup Sites from GeoTracker Cleanup Sites Data Download - Regulatory Contacts

Contact Type: Regional Board Caseworker
Contact Name: CHRISTINA HUMPHREYS
Phone No: 2135766697
Organization Name: LOS ANGELES RWQCB (REGION 4)
Email: christina.humphreys@waterboards.ca.gov
Address: 320 West 4th Street, Suite 200
City: LOS ANGELES

Cleanup Program Sites from GeoTracker Search - Regulatory Profile (as of May 29, 2021)

Project Status:
Cuf Claim No:
CUF Priority Assign:
CUF Amount Paid:
Composting Method:
File Location:
User Defined Beneficial Use:
Designated Beneficial Use: MUN, AGR, IND, PROC
Designated Beneficl Use Desc: Municipal and Domestic Supply, Agricultural Supply, Industrial Service Supply, Industrial Process Supply
Project Oversight Agencies:
Report Link: https://geotracker.waterboards.ca.gov/profile_report?global_id=T10000012508
Cleanup Status Detail: OPEN - SITE ASSESSMENT AS OF 12/26/2018
Potential COC: NONE SPECIFIED
Potential Media of Concern: NONE SPECIFIED
Groundwater Monitoring Frequen:
DWR GW Sub Basin: Coastal Plain Of Los Angeles - Central (4-011.04)
CalWater Watershed Name: Los Angeles River - Los Angeles (412.10)
Post Closure Site Management:
Future Land Use:
Cleanup Oversight Agencies: LOS ANGELES RWQCB (REGION 4) (LEAD) - CASE #: 1445
CASEWORKER: CHRISTINA HUMPHREYS
Cleanup History Link: https://geotracker.waterboards.ca.gov/profile_report_include?global_id=T10000012508&tabname=regulatoryhistory
Facility Type:
WDR Place Type:
Wdr File No:
Wdr Order No:
Site History:

No site history available

Sites from GeoTracker Search - Regulatory Activities (as of May 29, 2021)

Action Type: Enforcement - Other
Action Date:
Received Issue Date:
Action: Unknown
Doc Link:
Title Description Comments:

Action Type: Enforcement/Orders
Action Date: 6/7/2021
Received Issue Date: 6/7/2021
Action: 13267 Requirement
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000012508&enforcement_id=6468416&temptable=ENFORCEMENT
Title Description Comments:

Requirement to Implement Conditionally Approved Work Plan for Site Investigation

Action Type: Enforcement/Orders
Action Date: 7/30/2019
Received Issue Date: 7/30/2019

Action: 13267 Requirement
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000012508&enforcement_id=6410413&temptable=ENFORCEMENT
Title Description Comments:

Response to Request for Extension

Action Type: Enforcement/Orders
Action Date: 6/17/2019
Received Issue Date: 6/17/2019
Action: 13267 Requirement
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000012508&enforcement_id=6406157&temptable=ENFORCEMENT
Title Description Comments:

Conditional Approval of Work Plan to Conduct Site Investigation

Action Type: Enforcement/Orders
Action Date: 3/26/2019
Received Issue Date: 3/26/2019
Action: 13267 Requirement
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000012508&enforcement_id=6397674&temptable=ENFORCEMENT
Title Description Comments:

Approval of Request for Extension of Work Plan Due Date

Action Type: Enforcement/Orders
Action Date: 12/26/2018
Received Issue Date: 12/26/2018
Action: 13267 Requirement
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000012508&enforcement_id=6380005&temptable=ENFORCEMENT
Title Description Comments:

13267 Order for Further Delineation of Subsurface Contamination

Sites from GeoTracker Search - Documents (as of May 29, 2021)

Document Type: Site Documents ***Submitted:***
Document Date: 6/7/2021 ***Submitted By:*** CHRISTINA HUMPHREYS (REGULATOR)
Size :
Title: REQUIREMENT TO IMPLEMENT CONDITIONALLY APPROVED WORK PLAN FOR SITE INVESTIGATION
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000012508&enforcement_id=6468416
Type: 13267 REQUIREMENT

Document Type: Site Documents ***Submitted:***
Document Date: 7/30/2019 ***Submitted By:*** CHRISTINA HUMPHREYS (REGULATOR)
Size :
Title: RESPONSE TO REQUEST FOR EXTENSION
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000012508&enforcement_id=6410413
Type: 13267 REQUIREMENT

Document Type: Site Documents ***Submitted:***
Document Date: 6/17/2019 ***Submitted By:*** MARK COUSINEAU (AUTH_RP)
Size : 4,058 KB
Title: WORKPLAN TO CONDUCT A SITE INVESTIGATION AT JOE'S PLASTICS, 5717-5801 DISTRICT BOULEVARD, VERNON, CALIFORNIA, IN RESPONSE TO YOUR ORDER R4-2018-0169, DATED DECEMBER 26, 2018.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/7201245248/T10000012508.PDF
Type: SITE INVESTIGATION WORKPLAN

Document Type: Site Documents ***Submitted:***
Document Date: 6/17/2019 ***Submitted By:*** CHRISTINA HUMPHREYS (REGULATOR)
Size :
Title: CONDITIONAL APPROVAL OF WORK PLAN TO CONDUCT SITE INVESTIGATION

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000012508&enforcement_id=6406157
Type: 13267 REQUIREMENT

Document Type: Site Documents
Document Date: 3/26/2019
Size :
Submitted:
Submitted By: CHRISTINA HUMPHREYS (REGULATOR)
Title: APPROVAL OF REQUEST FOR EXTENSION OF WORK PLAN DUE DATE
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000012508&enforcement_id=6397674
Type: 13267 REQUIREMENT

Document Type: Site Documents
Document Date: 3/11/2019
Size : 98 KB
Submitted:
Submitted By: MARK COUSINEAU (AUTH_RP)
Title: REQUEST FOR EXTENSION TO PREPARE A WORKPLAN FOR SITE INVESTIGATION FOR THE SITE LOCATED AT 5725 DISTRICT BLVD IN THE CITY OF VERNON, CALIFORNIA
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/5048311710/T10000012508.PDF
Type: CORRESPONDENCE

Document Type: Site Documents
Document Date: 12/26/2018
Size :
Submitted:
Submitted By: CHRISTINA HUMPHREYS (REGULATOR)
Title: 13267 ORDER FOR FURTHER DELINEATION OF SUBSURFACE CONTAMINATION
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000012508&enforcement_id=6380005
Type: 13267 REQUIREMENT

Sites from GeoTracker Search - Cleanup Status History (as of May 29, 2021)

Status: Open - Case Begin Date
Date: 12/26/2018

Status: Open - Site Assessment
Date: 12/26/2018

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
50	1 of 1	SW	0.38 / 1,982.95	133.38 / -9	BRM INVESTMENTS CO/CHAPMAN 6045 DISTRICT BLVD S MAYWOOD CA 90270	LUST

Global ID: T0603705320
Status: COMPLETED - CASE CLOSED
Status Date: 12/9/1993
Case Type: LUST CLEANUP SITE
Date Source: LUST Cleanup Sites & Military UST Site from GeoTracker Project Search Results Export; LUST Cleanup Sites & Military UST Site from GeoTracker Cleanup Sites Data Download
County: LOS ANGELES
Latitude: 33.983298
Longitude: -118.171145

LUST Cleanup Sites from GeoTracker Cleanup Sites Data Download - Facilities Detail

RB Case No: R-21005
Local Case No:
Begin Date: 7/14/1993
Lead Agency: LOS ANGELES COUNTY
Local Agency: LOS ANGELES COUNTY
CUF Case: YES
Potential Media of Concern: Soil
How Discovered Description:
Calwater Watershed Name: Los Angeles River - Los Angeles (412.10)
DWR GW Subbasin Name: Coastal Plain Of Los Angeles - Central (4-011.04)
Disadvantaged Community:
Calenviroscreen Score: 91-95%
Site History:
Potential COC: Other Solvent or Non-Petroleum Hydrocarbon
How Discovered: Tank Closure
Stop Method:
Stop Description:
Case Worker: JOA
File Location:

LUST Cleanup Sites from GeoTracker Cleanup Sites Data Download - Regulatory Activity

Action Type: Other

Date : 2/6/1997
Action: Leak Reported

Action Type: Other
Date : 11/8/1993
Action: Leak Discovery

Action Type: Other
Date : 7/14/1993
Action: Leak Stopped

LUST Cleanup Sites from GeoTracker Cleanup Sites Data Download - Regulatory Contacts

Contact Type: Regional Board Caseworker
Contact Name: YUE RONG
City: Los Angeles
Organization Name: LOS ANGELES RWQCB (REGION 4)
Address: 320 W. 4TH ST., SUITE 200
Email: yrong@waterboards.ca.gov
Phone No:

Contact Type: Local Agency Caseworker
Contact Name: JOHN AWUJO
City: ALHAMBRA
Organization Name: LOS ANGELES COUNTY
Address: 900 S FREMONT AVE
Email: jawujo@dpw.lacounty.gov
Phone No: 6264583507

LUST Cleanup Sites from GeoTracker Cleanup Sites Data Download - Status History

Status: Completed - Case Closed
Status Date: 12/9/1993

Status: Open - Case Begin Date
Status Date: 7/14/1993

LUST Sites from GeoTracker Search - Regulatory Profile

Site Facility Name: BRM INVESTMENTS CO/CHAPMAN
Site Facility Type: LUST CLEANUP SITE
Cleanup Status: COMPLETED - CASE CLOSED
Project Status:
WDR Place Type:
WDR File:
WDR Order:
CUF Priority Assig: C
CUF Amount Paid: $152,627
File Location:
Potential COC: OTHER SOLVENT OR NON-PETROLEUM HYDROCARBON
Facility Type:
Composting Method:
Address: 6045 DISTRICT BLVD S
City: MAYWOOD
Zip: 90270
County: LOS ANGELES
CUF Claim: 8768

Designated Beneficial Use: MUN, AGR, IND, PROC
Project Oversight Agencies:
Report Link: https://geotracker.waterboards.ca.gov/profile_report?global_id=T0603705320
Cleanup Status Detail: COMPLETED - CASE CLOSED AS OF 12/9/1993
Cleanup History Link: https://geotracker.waterboards.ca.gov/profile_report_include?global_id=T0603705320&tabname=regulatoryhistory
Potential Media of Concern: SOIL
User Defined Beneficial Use:
DWR GW Sub Basin: Coastal Plain Of Los Angeles - Central (4-011.04)
Calwater Watershed Name: Los Angeles River - Los Angeles (412.10)
Post Closure Site Management:
Future Land Use:
Cleanup Oversight Agencies: LOS ANGELES COUNTY (LEAD)
CASEWORKER: JOHN AWUJO
LOS ANGELES RWQCB (REGION 4) - CASE #: R-21005
CASEWORKER: YUE RONG
Gndwater Monitoring Freque:
Designated Beneficial Use Desc: Municipal and Domestic Supply, Agricultural Supply, Industrial Service Supply, Industrial Process Supply
Site History:

No site history available

LUST Sites from GeoTracker Search - Cleanup Status History

Status: Completed - Case Closed
Date : 12/9/1993

Status: Open - Case Begin Date
Date : 7/14/1993

LUST Sites from GeoTracker Search - Regulatory Activities (as of May 29, 2021)

Action Type: Leak Action
Action Date: 2/6/1997
Received Issue Date:
Action: Leak Reported
Doc Link:
Title Description Comments:

Action Type: Leak Action
Action Date: 11/8/1993
Received Issue Date:
Action: Leak Discovery
Doc Link:
Title Description Comments:

Action Type: Leak Action
Action Date: 7/14/1993
Received Issue Date:
Action: Leak Stopped
Doc Link:
Title Description Comments:

51	1 of 1	WSW	0.38 / 2,008.69	143.58 / 1	LUBRICATING OIL SERVICES 5989 SOUTH DISTRICT BLVD MAYWOOD CA	CLEANUP SITES

Global ID: SL204DX2401
Status: COMPLETED - CASE CLOSED
Status Date: 7/17/2001
Site Facility Type: CLEANUP PROGRAM SITE
Data Source: Cleanup Program Sites from GeoTracker Search; Cleanup Sites from GeoTracker Cleanup Sites Data Download
Latitude: 33.9883845273632
Longitude: -118.187512054726
County: LOS ANGELES

Cleanup Sites from GeoTracker Cleanup Sites Data Download - Facilities Detail

RB Case No: 0995
Local Case No:
Begin Date: 9/26/2000
File Location:
Lead Agency: LOS ANGELES RWQCB (REGION 4)
Local Agency:
Potential COC:
Potential Media of Concern:
How Discovered:
How Discovered Description:
Stop Description:
CalWater Watershed Name: Los Angeles River - Los Angeles (412.10)
DWR GW Subbasin Name: Coastal Plain Of Los Angeles - Central (4-011.04)
Disadvantaged Community: Severely Disadvantaged Community
CalEnviroScreen Score: 91-95%
Site History:
Stop Method:
CUF Case: NO
Case Worker: AS

Cleanup Sites from GeoTracker Cleanup Sites Data Download - Regulatory Activity

Action Type: Other
Date: 2000-09-26 00:00:00
Action: Leak Discovery

Action Type: Other
Date: 1965-01-02 00:00:00
Action: Leak Reported

Cleanup Sites from GeoTracker Cleanup Sites Data Download - Status History

Status: Completed - Case Closed
Status Date: 2001-07-17 00:00:00

Status: Open - Case Begin Date
Status Date: 2000-09-26 00:00:00

Cleanup Sites from GeoTracker Cleanup Sites Data Download - Regulatory Contacts

Contact Type: Regional Board Caseworker
Contact Name: ADNAN SIDDIQUI
Phone No:
Organization Name: LOS ANGELES RWQCB (REGION 4)
Email: asiddiqui@waterboards.ca.gov
Address: 320 W. 4TH ST., SUITE 200
City: LOS ANGELES

Cleanup Program Sites from GeoTracker Search - Regulatory Profile (as of May 29, 2021)

Project Status:
Cuf Claim No:
CUF Priority Assign:
CUF Amount Paid:
Composting Method:
File Location:
User Defined Beneficial Use:
Designated Beneficial Use: MUN, AGR, IND, PROC
Designated Beneficl Use Desc: Municipal and Domestic Supply, Agricultural Supply, Industrial Service Supply, Industrial Process Supply
Project Oversight Agencies:
Report Link: https://geotracker.waterboards.ca.gov/profile_report?global_id=SL204DX2401
Cleanup Status Detail: COMPLETED - CASE CLOSED AS OF 7/17/2001
Potential COC: PETROLEUM/FUELS/OILS, VOLATILE ORGANIC COMPOUNDS
Potential Media of Concern: NONE SPECIFIED
Groundwater Monitoring Frequen:
DWR GW Sub Basin: Coastal Plain Of Los Angeles - Central (4-011.04)
CalWater Watershed Name: Los Angeles River - Los Angeles (412.10)
Post Closure Site Management:
Future Land Use:
Cleanup Oversight Agencies: LOS ANGELES RWQCB (REGION 4) (LEAD) - CASE #: 0995
CASEWORKER: ADNAN SIDDIQUI
Cleanup History Link: https://geotracker.waterboards.ca.gov/profile_report_include?global_id=SL204DX2401&tabname=regulatoryhistory
Site History:

No site history available

Wdr File No:
Wdr Order No:
WDR Place Type:
Facility Type:

Sites from GeoTracker Search - Regulatory Activities (as of May 29, 2021)

Action Type: Leak Action
Action Date: 9/26/2000
Received Issue Date:
Action: Leak Discovery
Doc Link:

Title Description Comments:

Action Type: Leak Action
Action Date: 1/2/1965
Received Issue Date:
Action: Leak Reported
Doc Link:
Title Description Comments:

Sites from GeoTracker Search - Documents (as of May 29, 2021)

Document Type: Site Documents
Document Date: 11/4/2005
Size : 48 KB
Title: NFA LETTER 071701
Title Link: https://geotracker.waterboards.ca.gov/site_documents/9313694596/0995%2Epdf
Type:
Submitted:
Submitted By: ADRIANA RODRIGUEZ (REGULATOR)

Sites from GeoTracker Search - Cleanup Status History (as of May 29, 2021)

Status: Completed - Case Closed
Date: 7/17/2001

Status: Open - Case Begin Date
Date: 9/26/2000

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
52	1 of 1	SE	0.38 / 2,027.13	137.41 / -5	LOS ANGELES ORDNANCE DEPOT VERNON CA	FUDS

FUDS Property No: J09CA0432
EMS Map Link: https://fudsportal.usace.army.mil/ems/ems/inventory/map/map?id=55879
FUDS INST ID: CA99799F549100
Status:
SDS ID:
NPL Status Code: Not on the NPL
Eligibility: Eligible
Site Eligib:
Current Owner:
Has Project: Yes
DOD FUDS Pro:
Project Required: Yes
No Further Action:
Congressional District: 40
EPA Region: 09
County: LOS ANGELES
Latitude: 33.99583333
Longitude: -118.19166667
Fiscal year: 2019
USACE Division: SPD
USACE District: Los Angeles District (SPL)
Shape Area: .00001483
Shape Len: .02260012
Centroid Latitude:
Centroid Longitude:
Media ID:
Metadata ID:
Feature Desc:
Property History: N/A

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
53	1 of 1	WSW	0.39 / 2,064.17	140.19 / -2	PEMACO SUPERFUND SITE TREATMENT PLANT 5155 E 60TH ST MAYWOOD CA 90270	RCRA TSD

EPA Handler ID: CAD980737092
Gen Status Universe: Small Quantity Generator
Contact Name: ROSE MARIE CARAWAY
Contact Address: 75 HAWTHORNE ST , US EPA SFD 7 2 , SAN FRANCISCO , CA, 94105 , US
Contact Phone No and Ext: 415-972-3158
Contact Email: CARAWAY.ROSEMARIE@EPA.GOV
Contact Country: US
Land Type: Federal
County Name: LOS ANGELES
EPA Region: 09
Receive Date: 20070718
Location Latitude: 33.984052
Location Longitude: -118.172799

Violation/Evaluation Summary

Note: NO RECORDS: As of Nov 2021, 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: 19820625
Handler Name: PEMACO INC
Federal Waste Generator Code: 1
Generator Code Description: Large Quantity Generator
Source Type: Notification

Hazardous Waste Handler Details

Sequence No: 2
Receive Date: 20070718
Handler Name: PEMACO SUPERFUND SITE TREATMENT PLANT
Federal Waste Generator Code: 2
Generator Code Description: Small Quantity Generator
Source Type: Notification

Waste Code Details

Hazardous Waste Code: F001

Waste Code Description: THE FOLLOWING SPENT HALOGENATED SOLVENTS USED IN DEGREASING: TETRACHLOROETHYLENE, TRICHLORETHYLENE, METHYLENE CHLORIDE, 1,1,1-TRICHLOROETHANE, CARBON TETRACHLORIDE AND CHLORINATED FLUOROCARBONS; ALL SPENT SOLVENT MIXTURES/BLENDS USED IN DEGREASING CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Hazardous Waste Code: F003
Waste Code Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Hazardous Waste Code: F005
Waste Code Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Owner/Operator Details

Owner/Operator Ind:	Current Owner	**Street No:**	
Type:	Federal	**Street 1:**	75 HAWTHORNE ST
Name:	US EPA AND CITY OF MAYWOOD	**Street 2:**	US EPA SFD 7 2
Date Became Current:	19950601	**City:**	SAN FRANCISCO
Date Ended Current:		**State:**	CA
Phone:		**Country:**	US
Source Type:	Notification	**Zip Code:**	94105
Owner/Operator Ind:	Current Operator	**Street No:**	
Type:	Federal	**Street 1:**	
Name:	US EPA	**Street 2:**	
Date Became Current:	20070101	**City:**	
Date Ended Current:		**State:**	
Phone:		**Country:**	
Source Type:	Notification	**Zip Code:**	
Owner/Operator Ind:	Current Owner	**Street No:**	
Type:	Private	**Street 1:**	NOT REQUIRED
Name:	PEMACO INC	**Street 2:**	
Date Became Current:		**City:**	NOT REQUIRED
Date Ended Current:		**State:**	ME
Phone:	415-555-1212	**Country:**	
Source Type:	Notification	**Zip Code:**	99999

Historical Handler Details

Receive Dt: 19820625
Generator Code Description: Large Quantity Generator
Handler Name: PEMACO INC

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54 **1 of 1** **WSW** **0.42 / 2,191.89** **142.41 / 0** **W.W. HENRY**
5920 ALAMO AVE
MAYWOOD CA 90270
CLEANUP SITES

Global ID:	SL204GF2841	**Latitude:**	33.9854846477904
Status:	OPEN - REMEDIATION	**Longitude:**	-118.17330121994
Status Date:	10/15/2014	**County:**	LOS ANGELES
Site Facility Type:	CLEANUP PROGRAM SITE		
Data Source:	Cleanup Program Sites from GeoTracker Search; Cleanup Sites from GeoTracker Cleanup Sites Data Download		

Cleanup Sites from GeoTracker Cleanup Sites Data Download - Facilities Detail

RB Case No: 0811
Local Case No:
Begin Date: 7/10/2000
Stop Method:
CUF Case: NO
Case Worker:
File Location: Regional Board
Lead Agency: LOS ANGELES RWQCB (REGION 4)
Local Agency:
Potential COC: Benzene, Other Chlorinated Hydrocarbons, Tetrachloroethylene (PCE), Toluene, Trichloroethylene (TCE), Arsenic, Lead, Other Metal, Other Petroleum, Polynuclear aromatic hydrocarbons (PAHs)
Potential Media of Concern: Contaminated Surface / Structure, Aquifer used for drinking water supply, Soil, Soil Vapor
How Discovered:
How Discovered Description:
Stop Description:
CalWater Watershed Name: Los Angeles River - Los Angeles (412.10)
DWR GW Subbasin Name: Coastal Plain Of Los Angeles - Central (4-011.04)
Disadvantaged Community: Severely Disadvantaged Community
CalEnviroScreen Score: 91-95%
Site History:

As of 7/27/11, the site is open, and undergoing active remediation of soil and groundwater using dual phase extraction. The W.W. Henry site was an industrial site with a long history of manufacturing activities on about two acres, near the Los Angeles River, in the city of Maywood. Also, it is next to a larger, more extensively contaminated site, Pemaco, which is under US EPA oversight through its Superfund authority. Both sites, which have been vacant for several years, have been undergoing site assessments to delineate the extents of soil, soil vapor, and groundwater contamination, and are being cleaned up for redevelopment as the Maywood Riverfront Park. The Park has been opened for use by the community and was found to be maintained in good condition during staff's visit on June 19, 2008. The second quarter 2008 groundwater monitoring report was submitted on July 7, 2008. The dual phase extraction (DPE) system at the W. W. Henry site has been running smoothly through June 2008 with all wells on-line, and no major shutdowns. On July 7, 2008, a number of low producing SVE wells (VW-1C, VE-7B, VE-8B, VE-8C, VW-13B, VW-10B and VW-9C) were taken off-line to concentrate vacuum capacity to high producing wells for additional removal of VOCs from the soil. The Regional Board staff met with the Mayor of the City of Maywood Mr. Fellipe Aguirre on June 20, 2008 to provide update on the status of activities at the site. As of 3/23/2010, the dual phase extraction (both soil vapor and groundwater) continues to operate and remediate the soils in the vadose zone and contaminated groundwater in the perched zone. The groundwater monitoring of the dissolved phase is also ongoing.

Cleanup Sites from GeoTracker Cleanup Sites Data Download - Regulatory Activity

Action Type: RESPONSE
Date: 2019-08-30 00:00:00
Action: Soil and Water Investigation Workplan

Action Type: ENFORCEMENT
Date: 2019-06-19 00:00:00
Action: Amendment to Order

Action Type: RESPONSE
Date: 2017-11-30 00:00:00
Action: Soil and Water Investigation Report

Action Type: ENFORCEMENT
Date: 2017-10-30 00:00:00
Action: Amendment to Order

Action Type: ENFORCEMENT
Date: 2017-06-12 00:00:00
Action: Amendment to Order

Action Type: ENFORCEMENT
Date: 2016-08-01 00:00:00
Action: Email Correspondence

Action Type: ENFORCEMENT
Date: 2014-09-30 00:00:00
Action: Staff Letter

Action Type: REMEDIATION
Date: 2007-01-23 00:00:00

Action: In Situ Physical/Chemical Treatment (other than SVE)

Action Type: RESPONSE
Date: 2003-04-14 00:00:00
Action: Unknown

Action Type: RESPONSE
Date: 2003-04-14 00:00:00
Action: Monitoring Report - Quarterly

Action Type: RESPONSE
Date: 2003-02-28 00:00:00
Action: Other Report / Document

Action Type: RESPONSE
Date: 2002-12-09 00:00:00
Action: Other Workplan

Action Type: ENFORCEMENT
Date: 2001-06-15 00:00:00
Action: Clean-up and Abatement Order

Action Type: ENFORCEMENT
Date: 2001-04-11 00:00:00
Action: Clean-up and Abatement Order

Action Type: Other
Date: 1965-01-02 00:00:00
Action: Leak Reported

Cleanup Sites from GeoTracker Cleanup Sites Data Download - Status History

Status: Open - Remediation
Status Date: 2014-10-15 00:00:00

Status: Open - Remediation
Status Date: 2011-07-27 00:00:00

Status: Open - Remediation
Status Date: 2010-07-06 00:00:00

Status: Open - Remediation
Status Date: 2009-01-20 00:00:00

Status: Open - Site Assessment
Status Date: 2005-07-15 00:00:00

Status: Open - Case Begin Date
Status Date: 2000-07-10 00:00:00

Status: Open - Site Assessment
Status Date: 2000-07-10 00:00:00

Cleanup Sites from GeoTracker Cleanup Sites Data Download - Regulatory Contacts

Contact Type: Regional Board Caseworker
Contact Name: DEVIN DINAPOLI
Phone No: 2135766732
Organization Name: LOS ANGELES RWQCB (REGION 4)
Email: devin.dinapoli@waterboards.ca.gov
Address: 320 W 4th Street, Suite 200
City: LOS ANGELES

Cleanup Program Sites from GeoTracker Search - Regulatory Profile (as of May 29, 2021)

Project Status:
Cuf Claim No:
Facility Type:
WDR Place Type:

CUF Priority Assign: ***Wdr File No:***
CUF Amount Paid: ***Wdr Order No:***
Composting Method:
File Location: REGIONAL BOARD
User Defined Beneficial Use:
Designated Beneficial Use: MUN, AGR, IND, PROC
Designated Beneficl Use Desc: Municipal and Domestic Supply, Agricultural Supply, Industrial Service Supply, Industrial Process Supply
Project Oversight Agencies:
Report Link: https://geotracker.waterboards.ca.gov/profile_report?global_id=SL204GF2841
Cleanup Status Detail: OPEN - REMEDIATION AS OF 10/15/2014
Potential COC: ARSENIC, BENZENE, LEAD, OTHER CHLORINATED HYDROCARBONS, OTHER METAL, OTHER PETROLEUM, POLYNUCLEAR AROMATIC HYDROCARBONS (PAHS), TETRACHLOROETHYLENE (PCE), TOLUENE, TRICHLOROETHYLENE (TCE)
Potential Media of Concern: AQUIFER USED FOR DRINKING WATER SUPPLY, CONTAMINATED SURFACE / STRUCTURE, SOIL, SOIL VAPOR
Groundwater Monitoring Frequen:
DWR GW Sub Basin: Coastal Plain Of Los Angeles - Central (4-011.04)
CalWater Watershed Name: Los Angeles River - Los Angeles (412.10)
Post Closure Site Management:
Future Land Use:
Cleanup Oversight Agencies: LOS ANGELES RWQCB (REGION 4) (LEAD) - CASE #: 0811
CASEWORKER: DEVIN DINAPOLI
Cleanup History Link: https://geotracker.waterboards.ca.gov/profile_report_include?global_id=SL204GF2841&tabname=regulatoryhistory
Site History:

As of 7/27/11, the site is open, and undergoing active remediation of soil and groundwater using dual phase extraction.
The W.W. Henry site was an industrial site with a long history of manufacturing activities on about two acres, near the Los Angeles River, in the city of Maywood. Also, it is next to a larger, more extensively contaminated site, Pemaco, which is under US EPA oversight through its Superfund authority. Both sites, which have been vacant for several years, have been undergoing site assessments to delineate the extents of soil, soil vapor, and groundwater contamination, and are being cleaned up for redevelopment as the Maywood Riverfront Park. The Park has been opened for use by the community and was found to be maintained in good condition during staff's visit on June 19, 2008.
The second quarter 2008 groundwater monitoring report was submitted on July 7, 2008. The dual phase extraction (DPE) system at the W. W. Henry site has been running smoothly through June 2008 with all wells on-line, and no major shutdowns. On July 7, 2008, a number of low producing SVE wells (VW-1C, VE-7B, VE-8B, VE-8C, VW-13B, VW-10B and VW-9C) were taken off-line to concentrate vacuum capacity to high producing wells for additional removal of VOCs from the soil. The Regional Board staff met with the Mayor of the City of Maywood Mr. Fellipe Aguirre on June 20, 2008 to provide update on the status of activities at the site.
As of 3/23/2010, the dual phase extraction (both soil vapor and groundwater) continues to operate and remediate the soils in the vadose zone and contaminated groundwater in the perched zone. The groundwater monitoring of the dissolved phase is also ongoing.

Sites from GeoTracker Search - Cleanup Action Report (as of May 29, 2021)

Action Type: IN SITU PHYSICAL/CHEMICAL TREATMENT (OTHER THAN SVE) ***Begin Date:*** 1/23/2007
Phase: Water, Liquid Waste ***End Date:***
Description: The W.W. Henry site was an industrial site with a long history of manufacturing activities on about two acres, near the Los Angeles River, in the city of Maywood. Also, it is next to a larger, more extensively contaminated site, Pemaco, which is under US EPA oversight through its Superfund authority. Both sites, which have been vacant for several years, have been undergoing site assessments to delineate the extents of soil, soil vapor, and groundwater contamination, and are being cleaned up for redevelopment as the Maywood Riverfront Park. The Park has been opened for use by the community and was found to be maintained in good condition during staff's visit on June 19, 2008. The second quarter 2008 groundwater monitoring report was submitted on July 7, 2008. The dual phase extraction (DPE) system at the W. W. Henry site has been running smoothly through June 2008 with all wells on-line, and no major shutdowns. On July 7, 2008, a number of low producing SVE wells (VW-1C, VE-7B, VE-8B, VE-8C, VW-13B, VW-10B and VW-9C) were taken off-line to concentrate vacuum capacity to high producing wells for additional removal of VOCs from the soil. The Regional Board staff met with the Mayor of the City of Maywood Mr. Fellipe Aguirre on June 20, 2008 to provide update on the status of activities at the site.
Contaminant Mass Removed:

Sites from GeoTracker Search - Regulatory Activities (as of May 29, 2021)

Action Type: Other Regulatory Actions
Action Date:
Received Issue Date:
Action: Staff Letter
Doc Link:
Title Description Comments:

Action Type: Response Requested - Workplans
Action Date: 8/30/2019
Received Issue Date:
Action: Soil and Water Investigation Workplan
Doc Link:
Title Description Comments:

Submit two WPs and one Technical Report by 8-30-2019.

Action Type: Enforcement/Orders
Action Date: 6/19/2019
Received Issue Date: 6/19/2019
Action: Amendment to Order
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=SL204GF2841&enforcement_id=6406811&temptable=ENFORCEMENT
Title Description Comments:

RB comments on Post-remediation Site assessment & Request for closure, W.W.Henry SCP-811, 6-19-2019

Action Type: Response Requested - Reports
Action Date: *11/30/2017
Received Issue Date:
Action: Soil and Water Investigation Report
Doc Link:
Title Description Comments:

Action Type: Enforcement/Orders
Action Date: 10/30/2017
Received Issue Date: 10/30/2017
Action: Amendment to Order
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=SL204GF2841&enforcement_id=6341647&temptable=ENFORCEMENT
Title Description Comments:

RB approval of time extension to submit technical report, W.W.Henry, SCP-811

Action Type: Enforcement/Orders
Action Date: 6/12/2017
Received Issue Date: 6/12/2017
Action: Amendment to Order
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=SL204GF2841&enforcement_id=6322824&temptable=ENFORCEMENT
Title Description Comments:

RB Approval of Work Plan for Post-Remediation Groundwater and Soil Sampling, Soil Vapor Survey, and Human Health Risk Assessment, Pursuant to CWC Section 13304 CAO No. 01-046R Technical Report due on 10/27/2017.

Action Type: Other Regulatory Actions
Action Date: 8/1/2016
Received Issue Date: 8/1/2016
Action: Email Correspondence
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=SL204GF2841&enforcement_id=6301930&temptable=ENFORCEMENT
Title Description Comments:

Preliminary Comments on 6-30-2014 and 10-30-2015 Work Plans for additional soil, soil vapor, and groundwater assessment, 8-1-2016

Action Type: Other Regulatory Actions
Action Date: 9/30/2014
Received Issue Date: 9/30/2014
Action: Staff Letter
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=SL204GF2841&enforcement_id=6237619&temptable=ENFORCEMENT

Title Description Comments:

Action Type: Cleanup Action
Action Date: 1/23/2007
Received Issue Date:
Action: In Situ Physical/Chemical Treatment (other than SVE)
Doc Link:
Title Description Comments:

The W.W. Henry site was an industrial site with a long history of manufacturing activities on about two acres, near the Los Angeles River, in the city of Maywood. Also, it is next to a larger, more extensively contaminated site, Pemaco, which is under US EPA oversight through its Superfund authority. Both sites, which have been vacant for several years, have been undergoing site assessments to delineate the extents of soil, soil vapor, and groundwater contamination, and are being cleaned up for redevelopment as the Maywood Riverfront Park. The Park has been opened for use by the community and was found to be maintained in good condition during staff's visit on June 19, 2008. The second quarter 2008 groundwater monitoring report was submitted on July 7, 2008. The dual phase extraction (DPE) system at the W. W. Henry site has been running smoothly through June 2008 with all wells on-line, and no major shutdowns. On July 7, 2008, a number of low producing SVE wells (VW-1C, VE-7B, VE-8B, VE-8C, VW-13B, VW-10B and VW-9C) were taken off-line to concentrate vacuum capacity to high producing wells for additional removal of VOCs from the soil. The Regional Board staff met with the Mayor of the City of Maywood Mr. Fellipe Aguirre on June 20, 2008 to provide update on the status of activities at the site.

Action Type: Response Requested - Other
Action Date: 4/14/2003
Received Issue Date: 4/14/2003
Action: Unknown
Doc Link:
Title Description Comments:

Describes the current status of the source water - Vapor Extraction System 1st Quarter Operation and Maintenance Report

Action Type: Response Requested - Reports
Action Date: 4/14/2003
Received Issue Date: 4/14/2003
Action: Monitoring Report - Quarterly
Doc Link:
Title Description Comments:

Monitoring Report - Quarterly - Quarterly GW Monitoirng Report for the 1st Quarter of 2003

Action Type: Response Requested - Other
Action Date: 2/28/2003
Received Issue Date: 2/28/2003
Action: Other Report / Document
Doc Link:
Title Description Comments:

Additional Information Report

Action Type: Response Requested - Workplans
Action Date: 12/9/2002
Received Issue Date: 12/9/2002
Action: Other Workplan
Doc Link:
Title Description Comments:

Additional Information Workplan - Work plan for investigation of the dissolved product plume

Action Type: Enforcement/Orders
Action Date: 6/15/2001
Received Issue Date: 6/15/2001
Action: Clean-up and Abatement Order
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=SL204GF2841&enforcement_id=6225905&temptable=ENFORCEMENT
Title Description Comments:

Action Type: Enforcement/Orders

Action Date: 4/11/2001
Received Issue Date: 4/11/2001
Action: Clean-up and Abatement Order
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=SL204GF2841&enforcement_id=5970153&temptable=ENFORCEMENT
Title Description Comments:

BCP ENF

Action Type: Leak Action
Action Date: 1/2/1965
Received Issue Date:
Action: Leak Reported
Doc Link:
Title Description Comments:

Sites from GeoTracker Search - Documents (as of May 29, 2021)

Document Type: Monitoring Reports ***Submitted:***
Document Date: 1/14/2021* ***Submitted By:*** RAY HANNON (AUTH_RP)
Size : 11,301 KB
Title: SEMI-ANNUAL GROUNDWATER MONITORING AND REMEDIAL PROGRESS REPORT FOR THE SECOND HALF OF 2020
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/3913424015/SL204GF2841.PDF
Type: MONITORING REPORT - SEMI-ANNUALLY

Document Type: Monitoring Reports ***Submitted:***
Document Date: 7/10/2020 ***Submitted By:*** RAY HANNON (AUTH_RP)
Size : 10,950 KB
Title: SEMI-ANNUAL GROUNDWATER MONITORING AND REMEDIAL PROGRESS REPORT FOR THE FIRST HALF OF 2020
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/5518626332/SL204GF2841.PDF
Type: MONITORING REPORT - SEMI-ANNUALLY

Document Type: Monitoring Reports ***Submitted:***
Document Date: 1/14/2020 ***Submitted By:*** RAY HANNON (AUTH_RP)
Size : 16,165 KB
Title: SEMI-ANNUAL GROUNDWATER MONITORING AND REMEDIAL PROGRESS REPORT FOR THE SECOND HALF OF 2019
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/8913301944/SL204GF2841.PDF
Type: MONITORING REPORT - SEMI-ANNUALLY

Document Type: Site Documents ***Submitted:***
Document Date: 8/30/2019 ***Submitted By:*** RAY HANNON (AUTH_RP)
Size : 1,693 KB
Title: WW HENRY EASTERN AA WP_FINAL_08302019
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/1436004877/SL204GF2841.PDF
Type: OTHER WORKPLAN

Document Type: Site Documents ***Submitted:***
Document Date: 8/30/2019 ***Submitted By:*** RAY HANNON (AUTH_RP)
Size : 1,853 KB
Title: WW HENRY WESTERN AA WP_FINAL_08302019
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/5311348974/SL204GF2841.PDF
Type: OTHER WORKPLAN

Document Type: Site Documents ***Submitted:***
Document Date: 8/30/2019 ***Submitted By:*** RAY HANNON (AUTH_RP)
Size : 13,533 KB
Title: POST-REMEDIATION HUMAN HEALTH RISK ASSESSMENT
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/8906179606/SL204GF2841.PDF
Type: RISK ASSESSMENT REPORT

Document Type: Monitoring Reports ***Submitted:***
Document Date: 7/15/2019* ***Submitted By:*** RAY HANNON (AUTH_RP)
Size : 15,081 KB

Title: SEMI-ANNUAL GROUNDWATER MONITORING AND REMEDIAL PROGRESS REPORT FOR THE FIRST HALF OF 2019
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/6512703955/SL204GF2841.PDF
Type: MONITORING REPORT - SEMI-ANNUALLY

Document Type: Site Documents **Submitted:**
Document Date: 6/19/2019 **Submitted By:** MOHAMMAD ZAIDI (REGULATOR)
Size :
Title: RB COMMENTS ON POST-REMEDIATION SITE ASSESSMENT & REQUEST FOR CLOSURE, W.W.HENRY SCP-811, 6-19-2019
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=SL204GF2841&enforcement_id=6406811
Type: AMENDMENT TO ORDER

Document Type: Monitoring Reports **Submitted:**
Document Date: 1/11/2019 **Submitted By:** RAY HANNON (AUTH_RP)
Size : 14,605 KB
Title: SEMI-ANNUAL GROUNDWATER MONITORING AND REMEDIAL PROGRESS REPORT FOR THE SECOND HALF OF 2018
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/3902215063/SL204GF2841.PDF
Type: MONITORING REPORT - SEMI-ANNUALLY

Document Type: Monitoring Reports **Submitted:**
Document Date: 7/13/2018* **Submitted By:** RAY HANNON (AUTH_RP)
Size : 14,931 KB
Title: SEMI-ANNUAL GROUNDWATER MONITORING AND REMEDIAL PROGRESS REPORT FOR THE FIRST HALF OF 2018
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/4404400765/SL204GF2841.PDF
Type: MONITORING REPORT - SEMI-ANNUALLY

Document Type: Monitoring Reports **Submitted:**
Document Date: 1/5/2018* **Submitted By:** RAY HANNON (AUTH_RP)
Size : 15,407 KB
Title: SEMI-ANNUAL GROUNDWATER MONITORING AND REMEDIAL PROGRESS REPORT FOR THE SECOND HALF OF 2017
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/7088754475/SL204GF2841.PDF
Type: MONITORING REPORT - SEMI-ANNUALLY

Document Type: Site Documents **Submitted:**
Document Date: 12/8/2017* **Submitted By:** RAY HANNON (AUTH_RP)
Size : 31,757 KB
Title: 2017-12-8 POST-REMEDIATION INVESTIGATION
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/7386644363/SL204GF2841.PDF
Type: REMEDIAL INVESTIGATION REPORT

Document Type: Site Documents **Submitted:**
Document Date: 10/30/2017 **Submitted By:** MOHAMMAD ZAIDI (REGULATOR)
Size :
Title: RB APPROVAL OF TIME EXTENSION TO SUBMIT TECHNICAL REPORT, W.W.HENRY, SCP-811
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=SL204GF2841&enforcement_id=6341647
Type: AMENDMENT TO ORDER

Document Type: Monitoring Reports **Submitted:**
Document Date: 7/14/2017* **Submitted By:** RAY HANNON (AUTH_RP)
Size : 13,814 KB
Title: SEMI-ANNUAL GROUNDWATER MONITORING AND REMEDIAL PROGRESS REPORT FOR THE FIRST HALF OF 2017
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/9671042084/SL204GF2841.PDF
Type: MONITORING REPORT - SEMI-ANNUALLY

Document Type: Site Documents **Submitted:**
Document Date: 6/12/2017 **Submitted By:** MOHAMMAD ZAIDI (REGULATOR)
Size :
Title: RB APPROVAL OF WORK PLAN FOR POST-REMEDIATION GROUNDWATER AND SOIL SAMPLING, SOIL VAPOR SURVEY, AND HUMAN HEALTH RISK ASSESSMENT, PURSUANT TO CWC SECTION 13304 CAO NO. 01-046R
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=SL204GF2841&enforcement_id=6322824
Type: AMENDMENT TO ORDER

Document Type: Site Documents **Submitted:**

Document Date: 12/22/2016* **Submitted By:** RAY HANNON (AUTH_RP)
Size : 1,957 KB
Title: WORK PLAN FOR POST-REMEDIATION SAMPLING, SV SURVEY, AND HHRA
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/4537477493/SL204GF2841.PDF
Type: WORK PLAN

Document Type: Monitoring Reports **Submitted:**
Document Date: 12/18/2016* **Submitted By:** RAY HANNON (AUTH_RP)
Size : 18,375 KB
Title: SEMI-ANNUAL GROUNDWATER MONITORING AND REMEDIAL PROGRESS REPORT FOR THE SECOND HALF OF 2016
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/1478782355/SL204GF2841.PDF
Type: MONITORING REPORT - SEMI-ANNUALLY

Document Type: Site Documents **Submitted:**
Document Date: 8/1/2016 **Submitted By:** (REGULATOR)
Size :
Title: PRELIMINARY COMMENTS ON 6-30-2014 AND 10-30-2015 WORK PLANS FOR ADDITIONAL SOIL, SOIL VAPOR, AND GROUNDWATER ASSESSMENT, 8-1-2016
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=SL204GF2841&enforcement_id=6301930
Type: EMAIL CORRESPONDENCE

Document Type: Monitoring Reports **Submitted:**
Document Date: 6/16/2016* **Submitted By:** RAY HANNON (AUTH_RP)
Size : 17,106 KB
Title: JUN1616_WW HENRY 1SA16 REPORT
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/6274668097/SL204GF2841.PDF
Type: MONITORING REPORT - SEMI-ANNUALLY

Document Type: Site Documents **Submitted:**
Document Date: 10/30/2015* **Submitted By:** RAY HANNON (AUTH_RP)
Size : 46 KB
Title: 103015 - DEEP GWM WELL REPLACEMENT
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/8394014477/SL204GF2841.PDF
Type: WELL INSTALLATION REPORT

Document Type: Monitoring Reports **Submitted:**
Document Date: 10/15/2015* **Submitted By:** RAY HANNON (AUTH_RP)
Size : 16,749 KB
Title: OCT1515_WW HENRY 2SA15 REPORT
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/7180353522/SL204GF2841.PDF
Type: MONITORING REPORT - SEMI-ANNUALLY

Document Type: Monitoring Reports **Submitted:**
Document Date: 4/13/2015* **Submitted By:** RAY HANNON (AUTH_RP)
Size : 19,461 KB
Title: APR1315_WW HENRY 1SA15 REPORT
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/3498972296/SL204GF2841.PDF
Type: MONITORING REPORT - SEMI-ANNUALLY

Document Type: Monitoring Reports **Submitted:**
Document Date: 10/13/2014* **Submitted By:** RAY HANNON (AUTH_RP)
Size : 20,056 KB
Title: OCT1314_WW HENRY 3Q14 REPORT
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/1676446139/SL204GF2841.PDF
Type: MONITORING REPORT - QUARTERLY

Document Type: Site Documents **Submitted:**
Document Date: 9/30/2014 **Submitted By:** (REGULATOR)
Size :
Title: UNKNOWN
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=SL204GF2841&enforcement_id=6237619
Type: STAFF LETTER

Document Type: Monitoring Reports **Submitted:**
Document Date: 7/8/2014* **Submitted By:** RAY HANNON (AUTH_RP)
Size : 17,829 KB
Title: JUL0814_WW HENRY 2Q14 REPORT
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/6413108170/SL204GF2841.PDF

Type: MONITORING REPORT - QUARTERLY

Document Type: Site Documents **Submitted:**
Document Date: 6/30/2014* **Submitted By:** RAY HANNON (AUTH_RP)
Size : 1,933 KB
Title: 06302014_WW HENRY POST-REMED WP
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/4802278041/SL204GF2841.PDF
Type: SOIL AND WATER INVESTIGATION WORKPLAN

Document Type: Site Documents **Submitted:**
Document Date: 6/6/2014* **Submitted By:** RAY HANNON (AUTH_RP)
Size : 887 KB
Title: JUN0614_WW HENRY-GW REDUCTION REQUEST
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/5748528659/SL204GF2841.PDF
Type: CORRESPONDENCE

Document Type: Monitoring Reports **Submitted:**
Document Date: 4/8/2014* **Submitted By:** RAY HANNON (AUTH_RP)
Size : 21,193 KB
Title: APR0814_WW HENRY 1Q14 RPT
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/6043352246/SL204GF2841.PDF
Type: MONITORING REPORT - QUARTERLY

Document Type: Site Documents **Submitted:**
Document Date: 2/28/2014* **Submitted By:** RAY HANNON (AUTH_RP)
Size : 4,293 KB
Title: FEB2814_WW HENRY STRATEGY UPDATE RPT
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/5269883632/SL204GF2841.PDF
Type: REMEDIAL PROGRESS REPORT

Document Type: Monitoring Reports **Submitted:**
Document Date: 1/9/2014* **Submitted By:** RAY HANNON (AUTH_RP)
Size : 15,789 KB
Title: JAN0914_WW HENRY 4Q13 RPT
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/1797021090/SL204GF2841.PDF
Type: MONITORING REPORT - QUARTERLY

Document Type: Monitoring Reports **Submitted:**
Document Date: 10/9/2013* **Submitted By:** RAY HANNON (AUTH_RP)
Size : 4,294 KB
Title: OCT0913_WW HENRY 3Q13 RPT - TEXT_TABLES_FIGURES
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/4006240785/SL204GF2841.PDF
Type: MONITORING REPORT - QUARTERLY

Document Type: Monitoring Reports **Submitted:**
Document Date: 10/9/2013* **Submitted By:** RAY HANNON (AUTH_RP)
Size : 16,471 KB
Title: OCT0913_WW HENRY 3Q13 RPT_APP_A_AND_B
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/1555777847/SL204GF2841.PDF
Type: MONITORING REPORT - QUARTERLY

Document Type: Site Documents **Submitted:**
Document Date: 7/24/2013* **Submitted By:** RAY HANNON (AUTH_RP)
Size : 150 KB
Title: JUL2413_WW HENRY_WORK PLAN_REMEDIAL ACTION
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/1189836025/SL204GF2841.PDF
Type: REMEDIAL INVESTIGATION WORKPLAN

Document Type: Monitoring Reports **Submitted:**
Document Date: 7/11/2013* **Submitted By:** RAY HANNON (AUTH_RP)
Size : 20,756 KB
Title: JUL1113_WW HENRY 2Q13 RPT
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/5399300754/SL204GF2841.PDF
Type: MONITORING REPORT - QUARTERLY

Document Type: Monitoring Reports **Submitted:**
Document Date: 4/11/2013* **Submitted By:** RAY HANNON (AUTH_RP)
Size : 22,886 KB
Title: APR1113_WW HENRY 1Q13 RPT

Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/1072747409/SL204GF2841.PDF
Type: MONITORING REPORT - QUARTERLY

Document Type: Site Documents **Submitted:**
Document Date: 4/11/2013* **Submitted By:** RAY HANNON (AUTH_RP)
Size : 6,007 KB
Title: APR1113_WWHENRY_SECONDROUND-SOILSAMPLINGSUMMARYREPORT
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/2942991137/SL204GF2841.PDF
Type: SOIL AND WATER INVESTIGATION REPORT

Document Type: Monitoring Reports **Submitted:**
Document Date: 1/11/2013* **Submitted By:** RAY HANNON (AUTH_RP)
Size : 18,695 KB
Title: JAN1113_WW HENRY 4Q12 RPT_PART 2 OF 3
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/8543044984/SL204GF2841.PDF
Type: MONITORING REPORT - QUARTERLY

Document Type: Monitoring Reports **Submitted:**
Document Date: 1/11/2013* **Submitted By:** RAY HANNON (AUTH_RP)
Size : 1,002 KB
Title: JAN1113_WW HENRY 4Q12 RPT_PART 3 OF 3
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/1820875048/SL204GF2841.PDF
Type: MONITORING REPORT - QUARTERLY

Document Type: Monitoring Reports **Submitted:**
Document Date: 1/11/2013* **Submitted By:** RAY HANNON (AUTH_RP)
Size : 17,713 KB
Title: JAN1113_WW HENRY 4Q12 RPT_PART 1 OF 2
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/1349836230/SL204GF2841.PDF
Type: MONITORING REPORT - QUARTERLY

Document Type: Monitoring Reports **Submitted:**
Document Date: 10/11/2012* **Submitted By:** RAY HANNON (AUTH_RP)
Size : 17,884 KB
Title: OCT1112_WW HENRY 3Q12 RPT
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/8024442553/SL204GF2841.PDF
Type: MONITORING REPORT - QUARTERLY

Document Type: Site Documents **Submitted:**
Document Date: 10/11/2012* **Submitted By:** RAY HANNON (AUTH_RP)
Size : 2,335 KB
Title: WORK PLAN_SOIL VERIFICATION SAMPLING_OCT 2012
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/1169391691/SL204GF2841.PDF
Type: OTHER WORKPLAN

Document Type: Monitoring Reports **Submitted:**
Document Date: 7/13/2012* **Submitted By:** RAY HANNON (AUTH_RP)
Size : 19,812 KB
Title: JULY 13 2012_CM0081750018_WW HENRY 2Q12 RPT
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/6951400697/SL204GF2841.PDF
Type: MONITORING REPORT - QUARTERLY

Document Type: Site Documents **Submitted:**
Document Date: 5/8/2012* **Submitted By:** JONI KROPF (AUTH_RP)
Size : 12,657 KB
Title: MAY 7 2012_WWHENRY_ SOIL SAMPLING SUMMARY REPORT
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/8009973108/SL204GF2841.PDF
Type: OTHER REPORT / DOCUMENT

Document Type: Monitoring Reports **Submitted:**
Document Date: 4/12/2012* **Submitted By:** JONI KROPF (AUTH_RP)
Size : 20,488 KB
Title: WW HENRY 1Q12 GWM REMEDIAL PROGRESS RPT
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/2860319018/SL204GF2841.PDF
Type: MONITORING REPORT - QUARTERLY

Document Type: Site Documents **Submitted:**
Document Date: 1/31/2012* **Submitted By:** JAMES ORTEGA (AUTH_RP)
Size : 809 KB

Title: WORK PLAN_SOIL VERIFICATION SAMPLING_013112
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/4115005433/SL204GF2841.PDF
Type: OTHER WORKPLAN

Document Type: Monitoring Reports ***Submitted:***
Document Date: 1/11/2012* ***Submitted By:*** JAMES ORTEGA (AUTH_RP)
Size : 20,400 KB
Title: JAN1012 CM008175.0017 WW HENRY 4Q11 GWM & REMEDIAL PROGRESS RPT
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/7471573829/SL204GF2841.PDF
Type: MONITORING REPORT - QUARTERLY

Document Type: Monitoring Reports ***Submitted:***
Document Date: 10/13/2011* ***Submitted By:*** JAMES ORTEGA (AUTH_RP)
Size : 25,530 KB
Title: OCT1311 WW HENRY 3Q11 GWM REMEDIAL PROGRESS RPT
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/2233774840/SL204GF2841.PDF
Type: MONITORING REPORT - QUARTERLY

Document Type: Monitoring Reports ***Submitted:***
Document Date: 7/13/2011* ***Submitted By:*** JAMES ORTEGA (AUTH_RP)
Size : 24,048 KB
Title: JUL1311 CM008175 WW HENRY 2Q11 GWM REMEDIAL PROGRESS RPT
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/4094858825/SL204GF2841.PDF
Type: MONITORING REPORT - QUARTERLY

Document Type: Monitoring Reports ***Submitted:***
Document Date: 4/12/2011* ***Submitted By:*** JAMES ORTEGA (AUTH_RP)
Size : 22,019 KB
Title: APR1111 CM008175 WW HENRY 1Q11 GWM REMEDIAL PROGRESS RPT
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/2124162077/SL204GF2841.PDF
Type: MONITORING REPORT - QUARTERLY

Document Type: Monitoring Reports ***Submitted:***
Document Date: 1/14/2011* ***Submitted By:*** JAMES ORTEGA (AUTH_RP)
Size : 22,849 KB
Title: JAN1311 CM008175 0016 WW HENRY 4Q10 GWM REMEDIAL PROGRESS RPT
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/5046411097/SL204GF2841.PDF
Type: MONITORING REPORT - QUARTERLY

Document Type: Monitoring Reports ***Submitted:***
Document Date: 10/8/2010* ***Submitted By:*** JAMES ORTEGA (AUTH_RP)
Size : 26,033 KB
Title: OCT0810 CM008175.0016 WW HENRY 3Q10 GWM & REMEDIAL PROGRESS RPT
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/2975007057/SL204GF2841.PDF
Type: MONITORING REPORT - QUARTERLY

Document Type: Monitoring Reports ***Submitted:***
Document Date: 7/13/2010* ***Submitted By:*** JAMES ORTEGA (AUTH_RP)
Size : 23,698 KB
Title: JUL1310 CM008175 0016 WW HENRY 2Q10 GW MON RPT
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/3236901700/SL204GF2841.PDF
Type: MONITORING REPORT - QUARTERLY

Document Type: Monitoring Reports ***Submitted:***
Document Date: 7/13/2010* ***Submitted By:*** JAMES ORTEGA (AUTH_RP)
Size : 23,698 KB
Title: JUL1310 CM008175 0016 WW HENRY 2Q10 GW MON RPT
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/7640280485/SL204GF2841.PDF
Type: MONITORING REPORT - QUARTERLY

Document Type: Monitoring Reports ***Submitted:***
Document Date: 4/12/2010* ***Submitted By:*** JAMES ORTEGA (AUTH_RP)
Size : 23,311 KB
Title: APR1210 CM008175-0016 WW HENRY 1Q10 GW MON RPT
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/3050721526/SL204GF2841.PDF
Type: MONITORING REPORT - QUARTERLY

Document Type: Monitoring Reports ***Submitted:***
Document Date: 1/14/2010* ***Submitted By:*** JAMES ORTEGA (AUTH_RP)

Size : 20,439 KB
Title: JAN1310 CM008175 0015 WW HENRY 4Q09 GW MON RPT
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/6702349007/SL204GF2841.PDF
Type: MONITORING REPORT - QUARTERLY

Document Type: Monitoring Reports **Submitted:**
Document Date: 10/12/2009* **Submitted By:** JAMES ORTEGA (AUTH_RP)
Size : 11,637 KB
Title: OCT1209 WW HENRY 3Q09 GW MON RPT
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/8710211515/SL204GF2841.PDF
Type: MONITORING REPORT - QUARTERLY

Document Type: Monitoring Reports **Submitted:**
Document Date: 7/14/2009* **Submitted By:** JAMES ORTEGA (AUTH_RP)
Size : 11,868 KB
Title: JUL1009 WW HENRY 2Q09 GW MON RPT
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/7778021574/SL204GF2841.PDF
Type: MONITORING REPORT - QUARTERLY

Document Type: Monitoring Reports **Submitted:**
Document Date: 4/10/2009* **Submitted By:** JAMES ORTEGA (AUTH_RP)
Size : 13,709 KB
Title: APR1009 WW HENRY 1Q09 GW MON RPT
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/1675354480/SL204GF2841.PDF
Type: MONITORING REPORT - QUARTERLY

Document Type: Site Documents **Submitted:**
Document Date: 1/27/2009* **Submitted By:** JAMES ORTEGA (AUTH_RP)
Size : 9,568 KB
Title: JAN2709 WW HENRY TECHNICAL RPT
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/2842202305/SL204GF2841.PDF
Type: OTHER REPORT / DOCUMENT

Document Type: Monitoring Reports **Submitted:**
Document Date: 1/9/2009* **Submitted By:** JAMES ORTEGA (AUTH_RP)
Size : 13,243 KB
Title: JAN0909 WW HENRY 4Q08 GW MON RPT
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/5736138463/SL204GF2841.PDF
Type: MONITORING REPORT - QUARTERLY

Document Type: Monitoring Reports **Submitted:**
Document Date: 10/13/2008* **Submitted By:** JAMES ORTEGA (AUTH_RP)
Size : 13,483 KB
Title: OCT1308 WW HENRY 3Q08 GW MON RPT
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/3074738025/SL204GF2841.PDF
Type: MONITORING REPORT - QUARTERLY

Document Type: Site Documents **Submitted:**
Document Date: 8/27/2008* **Submitted By:** JAMES ORTEGA (AUTH_RP)
Size : 1,275 KB
Title: AUG2708 WW HENRY A ZONE SVE WELLS WP_082708
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/5082075357/SL204GF2841.PDF
Type: OTHER REPORT / DOCUMENT

Document Type: Monitoring Reports **Submitted:**
Document Date: 7/7/2008* **Submitted By:** JAMES ORTEGA (AUTH_RP)
Size : 12,472 KB
Title: JUL0708 WW HENRY 2Q08 GW MON RPT
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/4361097037/SL204GF2841.PDF
Type: MONITORING REPORT - QUARTERLY

Document Type: Site Documents **Submitted:**
Document Date: 5/9/2008* **Submitted By:** JAMES ORTEGA (AUTH_RP)
Size : 12,584 KB
Title: MAY0808 WW HENRY MIP INV TECH RPT
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/8235659539/SL204GF2841.PDF
Type: REPORTS - OTHER

Document Type: Monitoring Reports **Submitted:**

Document Date: 4/11/2008* **Submitted By:** JAMES ORTEGA (AUTH_RP)
Size : 10,832 KB
Title: APR1008 WW HENRY 1Q08 GW MON RPT
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/6862272500/SL204GF2841.PDF
Type: MONITORING REPORT - QUARTERLY

Document Type: Monitoring Reports **Submitted:**
Document Date: 1/11/2008* **Submitted By:** JAMES ORTEGA (AUTH_RP)
Size : 13,884 KB
Title: JAN1008 WW HENRY 4Q07 GW MON RPT
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/1707212150/SL204GF2841.PDF
Type: MONITORING REPORT - QUARTERLY

Document Type: Site Documents **Submitted:**
Document Date: 10/11/2007* **Submitted By:** JAMES ORTEGA (AUTH_RP)
Size : 12,578 KB
Title: OCT1107 WW HENRY ADDL OFF-SITE INVESTIGATION TECH RPT (TEXT TABLES AND FIGURES).PDF
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/1928271234/SL204GF2841.PDF
Type: REPORTS - OTHER

Document Type: Site Documents **Submitted:**
Document Date: 10/11/2007* **Submitted By:** JAMES ORTEGA (AUTH_RP)
Size : 8,352 KB
Title: OCT1107 WW HENRY ADDL OFF-SITE INVESTIGATION TECH RPT(APPENDICES).PDF
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/3413800895/SL204GF2841.PDF
Type: REPORTS - OTHER

Document Type: Monitoring Reports **Submitted:**
Document Date: 10/11/2007* **Submitted By:** JAMES ORTEGA (AUTH_RP)
Size : 4,905 KB
Title: OCT1107 WW HENRY 3Q07 GW MON RPT(TEXT TABLES AND FIGURES).PDF
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/9921086192/SL204GF2841.PDF
Type: MONITORING REPORT - QUARTERLY

Document Type: Monitoring Reports **Submitted:**
Document Date: 10/11/2007* **Submitted By:** JAMES ORTEGA (AUTH_RP)
Size : 12,184 KB
Title: OCT1107 WW HENRY 3Q07 GW MON RPT(APPENDICES).PDF
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/3968610465/SL204GF2841.PDF
Type: MONITORING REPORT - QUARTERLY

Document Type: Site Documents **Submitted:**
Document Date: 7/13/2007* **Submitted By:** JAMES ORTEGA (AUTH_RP)
Size : 11,283 KB
Title: JUL1207 WW HENRY 2Q07 GW MON RPT2.PDF
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/9065109074/SL204GF2841.PDF
Type: REPORTS - QUARTERLY STATUS REPORT

Document Type: Site Documents **Submitted:**
Document Date: 7/13/2007* **Submitted By:** JAMES ORTEGA (AUTH_RP)
Size : 4,901 KB
Title: JUL1207 WW HENRY 2Q07 GW MON RPT.PDF
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/4273426890/SL204GF2841.PDF
Type: REPORTS - QUARTERLY STATUS REPORT

Document Type: Site Documents **Submitted:**
Document Date: 6/26/2007 **Submitted By:** (REGULATOR)
Size : 545 KB
Title: APPROVAL OF EXTENSION TO SUBMIT TECHNICAL REPORT 062007
Title Link: https://geotracker.waterboards.ca.gov/site_documents/2980351090/0811%20Approval%20of%20Extension%20to%20Submit%20Technical%20Report%20062007%2Epdf
Type: LETTER

Document Type: Site Documents **Submitted:**
Document Date: 6/21/2007 **Submitted By:** (REGULATOR)
Size : 1,097 KB
Title: APPROVAL OF WORKPLAN FOR ADDITIONAL ONSITE AND OFFSITE INVESTIGATIONS DATED MAY 17, 2007 061907
Title Link: https://geotracker.waterboards.ca.gov/site_documents/3072086930/0811%20Approval%20of%20Workplan%

20for%20Additional%20Onsite%20and%20Offsite%20Investigations%20dated%20May%2017%202007%20061907%2Epdf
Type: LETTER

Document Type: Site Documents **Submitted:**
Document Date: 5/18/2007* **Submitted By:** JAMES ORTEGA (AUTH_RP)
Size : 1,172 KB
Title: 002-08175-11 WW HENRY ADDL WELLS WORK PLAN_051707
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/6890287637/SL204GF2841.PDF
Type: WORKPLANS - OTHER WP

Document Type: Site Documents **Submitted:**
Document Date: 4/27/2007 **Submitted By:** (REGULATOR)
Size : 681 KB
Title: COMMENT LETTER ON REMEDIAL ACTION 032405
Title Link: https://geotracker.waterboards.ca.gov/site_documents/7289326310/0811%20Comment%20Letter%20on%20Remedial%20Action%20032405%2Epdf
Type: LETTER

Document Type: Site Documents **Submitted:**
Document Date: 4/27/2007 **Submitted By:** (REGULATOR)
Size : 803 KB
Title: NOTICE OF VIOLATION LETTER 031407
Title Link: https://geotracker.waterboards.ca.gov/site_documents/4231144547/0811%20Notice%20of%20Violation%20Letter%20031407%2Epdf
Type: LETTER

Document Type: Site Documents **Submitted:**
Document Date: 4/27/2007 **Submitted By:** (REGULATOR)
Size : 97 KB
Title: COMMENT LETTER FOR REMEDIAL ACTION PLAN 060905
Title Link: https://geotracker.waterboards.ca.gov/site_documents/6058425724/0811%20Comment%20Letter%20for%20Remedial%20Action%20Plan%20060905%2Epdf
Type: LETTER

Document Type: Site Documents **Submitted:**
Document Date: 4/27/2007 **Submitted By:** (REGULATOR)
Size : 1,694 KB
Title: CWC 13267 LETTER 042407
Title Link: https://geotracker.waterboards.ca.gov/site_documents/7765171647/0811%20CWC%2013267%20Letter%20042407%2Epdf
Type: LETTER

Document Type: Site Documents **Submitted:**
Document Date: 4/27/2007 **Submitted By:** (REGULATOR)
Size : 978 KB
Title: APPROVAL OF WORKPLAN 031705
Title Link: https://geotracker.waterboards.ca.gov/site_documents/4876316666/0811%20Approval%20of%20Work%20Plan%20031705%2Epdf
Type: LETTER

Document Type: Monitoring Reports **Submitted:**
Document Date: 4/9/2007* **Submitted By:** JAMES ORTEGA (AUTH_RP)
Size : 8,017 KB
Title: APR0607 WW HENRY 1Q07 GW MON RPT
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/2213819742/SL204GF2841.PDF
Type: MONITORING REPORT - QUARTERLY

Document Type: Monitoring Reports **Submitted:**
Document Date: 1/15/2007* **Submitted By:** JAMES ORTEGA (AUTH_RP)
Size : 8,864 KB
Title: JAN1207 WW HENRY 4Q06 GW MON RPT
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/8081288218/SL204GF2841.PDF
Type: MONITORING REPORT - QUARTERLY

Document Type: Monitoring Reports **Submitted:**
Document Date: 9/29/2006* **Submitted By:** JAMES ORTEGA (AUTH_RP)
Size : 8,094 KB
Title: SEP2906 WW HENRY 3Q06 GW MON RPT.PDF

Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/8372027337/SL204GF2841.PDF
Type: MONITORING REPORT - QUARTERLY

Document Type: Monitoring Reports **Submitted:**
Document Date: 7/12/2006* **Submitted By:** JAMES ORTEGA (AUTH_RP)
Size : 7,190 KB
Title: JUL1106 WW HENRY 2Q06 GW MON RPT
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/4848203361/SL204GF2841.PDF
Type: MONITORING REPORT - QUARTERLY

Document Type: Monitoring Reports **Submitted:**
Document Date: 5/8/2006* **Submitted By:** JAMES ORTEGA (AUTH_RP)
Size : 2,766 KB
Title: 1Q 2006 GW MONITORING
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/4864957511/SL204GF2841.PDF
Type: MONITORING REPORT - QUARTERLY

Document Type: Site Documents **Submitted:**
Document Date: 5/4/2006 **Submitted By:** RAY HANNON (AUTH_RP)
Size : 2,766 KB
Title: 2006_0504_DEEP WELL INSTALLATION REPORT
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/5300317585/SL204GF2841.PDF
Type: WELL INSTALLATION REPORT

Document Type: Site Documents **Submitted:**
Document Date: 3/20/2006 **Submitted By:** RAY HANNON (AUTH_RP)
Size : 1,094 KB
Title: 2006_0320_SUPPLEMENTAL SOIL GAS SAMPLING REPORT
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/4633191049/SL204GF2841.PDF
Type: SITE INVESTIGATION

Document Type: Site Documents **Submitted:**
Document Date: 2/24/2006 **Submitted By:** ADRIANA RODRIGUEZ (REGULATOR)
Size : 128 KB
Title: 0811 APPROVAL OF WORK PLAN DATED APRIL 19,2005 071505
Title Link: https://geotracker.waterboards.ca.gov/site_documents/5909306168/0811%20Approval%20of%20Work%20Plan%20dated%20April%2019%2C2005%20071505%2Epdf
Type:

Document Type: Site Documents **Submitted:**
Document Date: 10/14/2005 **Submitted By:** RAY HANNON (AUTH_RP)
Size : 14,456 KB
Title: 2005_1014_REMEDIAL PROGRESS REPORT
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/2778543293/SL204GF2841.PDF
Type: REMEDIAL PROGRESS REPORT

Document Type: Site Documents **Submitted:**
Document Date: 4/29/2005 **Submitted By:** RAY HANNON (AUTH_RP)
Size : 3,915 KB
Title: 2005_0429_REMEDIAL ACTION PLAN
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/9130444467/SL204GF2841.PDF
Type: CAP/RAP - FINAL REMEDIATION / DESIGN PLAN

Document Type: Site Documents **Submitted:**
Document Date: 6/15/2004 **Submitted By:** RAY HANNON (AUTH_RP)
Size : 18,308 KB
Title: 2004_0615_SITE CHARACTERIZATION PILOT STUDY REPORT
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/9953293085/SL204GF2841.PDF
Type: PILOT STUDY/ TREATABILITY REPORT

Document Type: Site Documents **Submitted:**
Document Date: 2/28/2003 **Submitted By:** RAY HANNON (AUTH_RP)
Size : 8,371 KB
Title: 2003_0228_CPT INVESTIGATION REPORT
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/7384331762/SL204GF2841.PDF
Type: SITE INVESTIGATION

Document Type: Site Documents **Submitted:**
Document Date: 6/15/2001 **Submitted By:** (REGULATOR)

Size :
Title: UNKNOWN
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=SL204GF2841&enforcement_id=6225905
Type: CLEAN-UP AND ABATEMENT ORDER

Document Type: Site Documents ***Submitted:***
Document Date: 4/11/2001 ***Submitted By:*** NHAN BAO (REGULATOR)
Size :
Title: BCP ENF
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=SL204GF2841&enforcement_id=5970153
Type: CLEAN-UP AND ABATEMENT ORDER

Sites from GeoTracker Search - Site Maps (as of May 29, 2021)

Title: ARSB17 (ARSB17) ***Submitted By:*** RAY HANNON (AUTH_RP)
Size : 140 KB ***Submitted:*** 12/19/2017*
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/9647625863/SL204GF2841.PDF

Title: GEO_MAP ***Submitted By:*** RAY HANNON (AUTH_RP)
Size : 750 KB ***Submitted:*** 12/19/2017*
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_map/9158322274/SL204GF2841.PDF

Title: ARSB15 (ARSB15) ***Submitted By:*** RAY HANNON (AUTH_RP)
Size : 158 KB ***Submitted:*** 12/19/2017*
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/9596127450/SL204GF2841.PDF

Title: ARSV01 (ARSV01) ***Submitted By:*** RAY HANNON (AUTH_RP)
Size : 122 KB ***Submitted:*** 12/19/2017*
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/5360055744/SL204GF2841.PDF

Title: ARSV04 (ARSV04) ***Submitted By:*** RAY HANNON (AUTH_RP)
Size : 124 KB ***Submitted:*** 12/19/2017*
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/2908859491/SL204GF2841.PDF

Title: GEO_MAP ***Submitted By:*** RAY HANNON (AUTH_RP)
Size : 583 KB ***Submitted:*** 12/19/2017*
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_map/2776434540/SL204GF2841.PDF

Title: ARSB10 (ARSB10) ***Submitted By:*** RAY HANNON (AUTH_RP)
Size : 178 KB ***Submitted:*** 12/19/2017*
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/3249778449/SL204GF2841.PDF

Title: ARSB07 (ARSB07) ***Submitted By:*** RAY HANNON (AUTH_RP)
Size : 155 KB ***Submitted:*** 12/19/2017*
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/2193933844/SL204GF2841.PDF

Title: ARSB11 (ARSB11) ***Submitted By:*** RAY HANNON (AUTH_RP)
Size : 142 KB ***Submitted:*** 12/19/2017*
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/7624063313/SL204GF2841.PDF

Title: ARSB04 (ARSB04) ***Submitted By:*** RAY HANNON (AUTH_RP)
Size : 152 KB ***Submitted:*** 12/19/2017*
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/5775260627/SL204GF2841.PDF

Title: ARSB09 (ARSB09) ***Submitted By:*** RAY HANNON (AUTH_RP)
Size : 184 KB ***Submitted:*** 12/19/2017*
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/3233651936/SL204GF2841.PDF

Title: ARSV06 (ARSV06) ***Submitted By:*** RAY HANNON (AUTH_RP)
Size : 123 KB ***Submitted:*** 12/19/2017*
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/1774109125/SL204GF2841.PDF

Title: ARSB08 (ARSB08) ***Submitted By:*** RAY HANNON (AUTH_RP)
Size : 151 KB ***Submitted:*** 12/19/2017*
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/8920538544/SL204GF2841.PDF

Title: ARSB16A (ARSB16) ***Submitted By:*** RAY HANNON (AUTH_RP)
Size : 124 KB ***Submitted:*** 12/19/2017*

Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/8650589227/SL204GF2841.PDF

Title: ARSB15A (ARSB15) **Submitted By:** RAY HANNON (AUTH_RP)
Size : 146 KB **Submitted:** 12/19/2017*
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/3378808796/SL204GF2841.PDF

Title: ARSB18 (ARSB18) **Submitted By:** RAY HANNON (AUTH_RP)
Size : 156 KB **Submitted:** 12/19/2017*
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/4055517792/SL204GF2841.PDF

Title: ARSB13 (ARSB13) **Submitted By:** RAY HANNON (AUTH_RP)
Size : 149 KB **Submitted:** 12/19/2017*
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/5124971389/SL204GF2841.PDF

Title: ARSB14 (ARSB14) **Submitted By:** RAY HANNON (AUTH_RP)
Size : 164 KB **Submitted:** 12/19/2017*
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/2826462030/SL204GF2841.PDF

Title: ARSB12 (ARSB12) **Submitted By:** RAY HANNON (AUTH_RP)
Size : 151 KB **Submitted:** 12/19/2017*
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/7415823578/SL204GF2841.PDF

Title: ARSB16 (ARSB16) **Submitted By:** RAY HANNON (AUTH_RP)
Size : 174 KB **Submitted:** 12/19/2017*
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/8399560749/SL204GF2841.PDF

Title: ARSV02 (ARSV02) **Submitted By:** RAY HANNON (AUTH_RP)
Size : 123 KB **Submitted:** 12/19/2017*
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/9640417695/SL204GF2841.PDF

Title: ARSV03 (ARSV03) **Submitted By:** RAY HANNON (AUTH_RP)
Size : 118 KB **Submitted:** 12/19/2017*
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/9828872919/SL204GF2841.PDF

Title: ARSB03 (ARSB03) **Submitted By:** RAY HANNON (AUTH_RP)
Size : 149 KB **Submitted:** 12/19/2017*
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/8121350228/SL204GF2841.PDF

Title: ARSB05 (ARSB05) **Submitted By:** RAY HANNON (AUTH_RP)
Size : 149 KB **Submitted:** 12/19/2017*
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/5626739740/SL204GF2841.PDF

Title: ARSV05 (ARSV05) **Submitted By:** RAY HANNON (AUTH_RP)
Size : 123 KB **Submitted:** 12/19/2017*
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/5955191254/SL204GF2841.PDF

Title: ARSB02 (ARSB02) **Submitted By:** RAY HANNON (AUTH_RP)
Size : 152 KB **Submitted:** 12/19/2017*
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/4609680414/SL204GF2841.PDF

Title: ARSB06 (ARSB06) **Submitted By:** RAY HANNON (AUTH_RP)
Size : 153 KB **Submitted:** 12/19/2017*
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/4087005853/SL204GF2841.PDF

Title: ARSB01 (ARSB01) **Submitted By:** RAY HANNON (AUTH_RP)
Size : 182 KB **Submitted:** 12/18/2017*
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/4540063679/SL204GF2841.PDF

Title: VW-8A (VW-8A) **Submitted By:** JONI KROPF (AUTH_RP)
Size : 100 KB **Submitted:** 2/24/2012*
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/6462064385/SL204GF2841.PDF

Title: VW-13A_B (VW-13B) **Submitted By:** JONI KROPF (AUTH_RP)
Size : 100 KB **Submitted:** 2/24/2012*
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/5482878923/SL204GF2841.PDF

Title: VW-16A_B (VW-16A) **Submitted By:** JONI KROPF (AUTH_RP)
Size : 106 KB **Submitted:** 2/24/2012*
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/9543212831/SL204GF2841.PDF

Title: VW-24A_C (VW-24A) **Submitted By:** JONI KROPF (AUTH_RP)
Size : 84 KB **Submitted:** 2/24/2012*
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/7634001970/SL204GF2841.PDF

Title: VW-24A_C (VW-24C) **Submitted By:** JONI KROPF (AUTH_RP)
Size : 84 KB **Submitted:** 2/24/2012*
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/2195332348/SL204GF2841.PDF

Title: VW-9A_B_C (VW-9A) **Submitted By:** JONI KROPF (AUTH_RP)
Size : 122 KB **Submitted:** 2/24/2012*
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/1461582958/SL204GF2841.PDF

Title: LFSB-22 (LFSB-22-48) **Submitted By:** JONI KROPF (AUTH_RP)
Size : 23 KB **Submitted:** 2/24/2012*
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/8092955827/SL204GF2841.PDF

Title: MIP-10 (MIP-10-71.) **Submitted By:** JONI KROPF (AUTH_RP)
Size : 30 KB **Submitted:** 2/24/2012*
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/5160737037/SL204GF2841.PDF

Title: MW-25A (MW-25A) **Submitted By:** JONI KROPF (AUTH_RP)
Size : 127 KB **Submitted:** 2/24/2012*
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/2212537646/SL204GF2841.PDF

Title: MW-25B (MW-25B) **Submitted By:** JONI KROPF (AUTH_RP)
Size : 171 KB **Submitted:** 2/24/2012*
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/3472243547/SL204GF2841.PDF

Title: MW-27 (MW-27) **Submitted By:** JONI KROPF (AUTH_RP)
Size : 38 KB **Submitted:** 2/24/2012*
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/5219446837/SL204GF2841.PDF

Title: LFSB-24 (LFSB-24-27) **Submitted By:** JONI KROPF (AUTH_RP)
Size : 23 KB **Submitted:** 2/24/2012*
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/9849120378/SL204GF2841.PDF

Title: MIP-10 (MIP-10-62.) **Submitted By:** JONI KROPF (AUTH_RP)
Size : 30 KB **Submitted:** 2/24/2012*
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/7181065380/SL204GF2841.PDF

Title: MW-30A (MW-30A) **Submitted By:** JONI KROPF (AUTH_RP)
Size : 46 KB **Submitted:** 2/24/2012*
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/9352695524/SL204GF2841.PDF

Title: VE-6B (VE-6B) **Submitted By:** JONI KROPF (AUTH_RP)
Size : 73 KB **Submitted:** 2/24/2012*
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/4839780688/SL204GF2841.PDF

Title: VE-7B (VE-7B) **Submitted By:** JONI KROPF (AUTH_RP)
Size : 49 KB **Submitted:** 2/24/2012*
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/1949675798/SL204GF2841.PDF

Title: VW-16A_B (VW-16B) **Submitted By:** JONI KROPF (AUTH_RP)
Size : 106 KB **Submitted:** 2/24/2012*
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/8561772167/SL204GF2841.PDF

Title: LFSB-22 (LFSB-22-40) **Submitted By:** JONI KROPF (AUTH_RP)
Size : 23 KB **Submitted:** 2/24/2012*
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/9489929139/SL204GF2841.PDF

Title: MW-34A (MW-34A) **Submitted By:** JONI KROPF (AUTH_RP)
Size : 57 KB **Submitted:** 2/24/2012*
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/7725387513/SL204GF2841.PDF

Title: VE-8B_C (VE-8B) **Submitted By:** JONI KROPF (AUTH_RP)
Size : 59 KB **Submitted:** 2/24/2012*
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/7783889710/SL204GF2841.PDF

Title: VW-9A_B_C (VW-9B) **Submitted By:** JONI KROPF (AUTH_RP)
Size : 122 KB **Submitted:** 2/24/2012*
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/1607343316/SL204GF2841.PDF

Title: VW-21A_B (VW-21B) **Submitted By:** JONI KROPF (AUTH_RP)
Size : 105 KB **Submitted:** 2/24/2012*
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/8999526917/SL204GF2841.PDF

Title: LFSB-21 (LFSB-21-35) **Submitted By:** JONI KROPF (AUTH_RP)
Size : 23 KB **Submitted:** 2/24/2012*
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/3107334911/SL204GF2841.PDF

Title: LFSB-22 (LFSB-22-30) **Submitted By:** JONI KROPF (AUTH_RP)
Size : 23 KB **Submitted:** 2/24/2012*
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/3701145946/SL204GF2841.PDF

Title: LFSB-23 (LFSB-23-46) **Submitted By:** JONI KROPF (AUTH_RP)
Size : 24 KB **Submitted:** 2/24/2012*
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/4479035377/SL204GF2841.PDF

Title: LFSB-24 (LFSB-24-47) **Submitted By:** JONI KROPF (AUTH_RP)
Size : 23 KB **Submitted:** 2/24/2012*
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/6505905091/SL204GF2841.PDF

Title: MW-26 (MW-26) **Submitted By:** JONI KROPF (AUTH_RP)
Size : 40 KB **Submitted:** 2/24/2012*
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/1045775651/SL204GF2841.PDF

Title: VE-3C (VE-3C) **Submitted By:** JONI KROPF (AUTH_RP)
Size : 72 KB **Submitted:** 2/24/2012*
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/1383158385/SL204GF2841.PDF

Title: VW-21A_B (VW-21A) **Submitted By:** JONI KROPF (AUTH_RP)
Size : 105 KB **Submitted:** 2/24/2012*
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/2799443066/SL204GF2841.PDF

Title: MW-28A (MW-28A) **Submitted By:** JONI KROPF (AUTH_RP)
Size : 50 KB **Submitted:** 2/24/2012*
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/3111816346/SL204GF2841.PDF

Title: MW-29A (MW-29A) **Submitted By:** JONI KROPF (AUTH_RP)
Size : 75 KB **Submitted:** 2/24/2012*
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/7618895769/SL204GF2841.PDF

Title: VE-4B_C (VE-4B) **Submitted By:** JONI KROPF (AUTH_RP)
Size : 66 KB **Submitted:** 2/24/2012*
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/8779895842/SL204GF2841.PDF

Title: LFSB-21 (LFSB-21-41) **Submitted By:** JONI KROPF (AUTH_RP)
Size : 23 KB **Submitted:** 2/24/2012*
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/5199019670/SL204GF2841.PDF

Title: LFSB-21 (LFSB-21-50) **Submitted By:** JONI KROPF (AUTH_RP)
Size : 23 KB **Submitted:** 2/24/2012*
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/6662098705/SL204GF2841.PDF

Title: VW-26A_C (VW-26A) **Submitted By:** JONI KROPF (AUTH_RP)
Size : 120 KB **Submitted:** 2/24/2012*
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/9208631396/SL204GF2841.PDF

Title: VW-25A_C (VW-25C) **Submitted By:** JONI KROPF (AUTH_RP)
Size : 118 KB **Submitted:** 2/24/2012*
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/4231098949/SL204GF2841.PDF

Title: VW-26A_C (VW-26C) **Submitted By:** JONI KROPF (AUTH_RP)
Size : 120 KB **Submitted:** 2/24/2012*
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/9072860658/SL204GF2841.PDF

Title: LFSB-24 (LFSB-24-22) **Submitted By:** JONI KROPF (AUTH_RP)

Size : 23 KB **Submitted:** 2/24/2012*
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/8116164445/SL204GF2841.PDF

Title: LFSB-24 (LFSB-24-40) **Submitted By:** JONI KROPF (AUTH_RP)
Size : 23 KB **Submitted:** 2/24/2012*
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/9457901954/SL204GF2841.PDF

Title: MW-28B (MW-28B) **Submitted By:** JONI KROPF (AUTH_RP)
Size : 62 KB **Submitted:** 2/24/2012*
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/5067183732/SL204GF2841.PDF

Title: MW-31A (MW-31A) **Submitted By:** JONI KROPF (AUTH_RP)
Size : 53 KB **Submitted:** 2/24/2012*
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/5447173357/SL204GF2841.PDF

Title: VW-11A (VW-11A) **Submitted By:** JONI KROPF (AUTH_RP)
Size : 107 KB **Submitted:** 2/24/2012*
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/6984263122/SL204GF2841.PDF

Title: VW-15A_B (VW-15B) **Submitted By:** JONI KROPF (AUTH_RP)
Size : 113 KB **Submitted:** 2/24/2012*
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/7751942455/SL204GF2841.PDF

Title: VE-5B (VE-5B) **Submitted By:** JONI KROPF (AUTH_RP)
Size : 48 KB **Submitted:** 2/24/2012*
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/8319935619/SL204GF2841.PDF

Title: MIP-10 (MIP-10-67.) **Submitted By:** JONI KROPF (AUTH_RP)
Size : 30 KB **Submitted:** 2/24/2012*
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/1440561950/SL204GF2841.PDF

Title: VW-10A_B (VW-10A) **Submitted By:** JONI KROPF (AUTH_RP)
Size : 106 KB **Submitted:** 2/24/2012*
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/9796811938/SL204GF2841.PDF

Title: VW-13A_B (VW-13A) **Submitted By:** JONI KROPF (AUTH_RP)
Size : 100 KB **Submitted:** 2/24/2012*
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/1164153337/SL204GF2841.PDF

Title: VW-17A_B (VW-17B) **Submitted By:** JONI KROPF (AUTH_RP)
Size : 110 KB **Submitted:** 2/24/2012*
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/9531647682/SL204GF2841.PDF

Title: LFSB-23 (LFSB-23-35) **Submitted By:** JONI KROPF (AUTH_RP)
Size : 24 KB **Submitted:** 2/24/2012*
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/2235608935/SL204GF2841.PDF

Title: LFSB-21 (LFSB-21-45) **Submitted By:** JONI KROPF (AUTH_RP)
Size : 23 KB **Submitted:** 2/24/2012*
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/1948364198/SL204GF2841.PDF

Title: LFSB-22 (LFSB-22-45) **Submitted By:** JONI KROPF (AUTH_RP)
Size : 23 KB **Submitted:** 2/24/2012*
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/1710036516/SL204GF2841.PDF

Title: LFSB-23 (LFSB-23-44) **Submitted By:** JONI KROPF (AUTH_RP)
Size : 24 KB **Submitted:** 2/24/2012*
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/5089872002/SL204GF2841.PDF

Title: VW-17A_B (VW-17A) **Submitted By:** JONI KROPF (AUTH_RP)
Size : 110 KB **Submitted:** 2/24/2012*
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/6884185075/SL204GF2841.PDF

Title: VW-18A (VW-18A) **Submitted By:** JONI KROPF (AUTH_RP)
Size : 91 KB **Submitted:** 2/24/2012*
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/1213454484/SL204GF2841.PDF

Title: LFSB-23 (LFSB-23-30) **Submitted By:** JONI KROPF (AUTH_RP)
Size : 24 KB **Submitted:** 2/24/2012*

Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/1304606139/SL204GF2841.PDF

Title: MW-25 (MW-25) **Submitted By:** JONI KROPF (AUTH_RP)
Size : 105 KB **Submitted:** 2/24/2012*
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/8010945141/SL204GF2841.PDF

Title: MW-28 (MW-28) **Submitted By:** JONI KROPF (AUTH_RP)
Size : 45 KB **Submitted:** 2/24/2012*
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/1892924010/SL204GF2841.PDF

Title: VW-14A (VW-14A) **Submitted By:** JONI KROPF (AUTH_RP)
Size : 83 KB **Submitted:** 2/24/2012*
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/7400983452/SL204GF2841.PDF

Title: VW-7A_B (VW-7A) **Submitted By:** JONI KROPF (AUTH_RP)
Size : 107 KB **Submitted:** 2/24/2012*
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/8241195619/SL204GF2841.PDF

Title: VW-7A_B (VW-7B) **Submitted By:** JONI KROPF (AUTH_RP)
Size : 107 KB **Submitted:** 2/24/2012*
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/2025868237/SL204GF2841.PDF

Title: VW-12A (VW-12A) **Submitted By:** JONI KROPF (AUTH_RP)
Size : 72 KB **Submitted:** 2/24/2012*
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/5538526177/SL204GF2841.PDF

Title: VW-15A_B (VW-15A) **Submitted By:** JONI KROPF (AUTH_RP)
Size : 113 KB **Submitted:** 2/24/2012*
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/1873570263/SL204GF2841.PDF

Title: LFSB-21 (LFSB-21-48) **Submitted By:** JONI KROPF (AUTH_RP)
Size : 23 KB **Submitted:** 2/24/2012*
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/6684797167/SL204GF2841.PDF

Title: MW-32A (MW-32A) **Submitted By:** JONI KROPF (AUTH_RP)
Size : 45 KB **Submitted:** 2/24/2012*
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/2557006776/SL204GF2841.PDF

Title: MW-33A (MW-33A) **Submitted By:** JONI KROPF (AUTH_RP)
Size : 55 KB **Submitted:** 2/24/2012*
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/9577909350/SL204GF2841.PDF

Title: VW-23A_B (VW-23A) **Submitted By:** JONI KROPF (AUTH_RP)
Size : 87 KB **Submitted:** 2/24/2012*
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/5562269091/SL204GF2841.PDF

Title: VW-25A_C (VW-25A) **Submitted By:** JONI KROPF (AUTH_RP)
Size : 118 KB **Submitted:** 2/24/2012*
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/3336262524/SL204GF2841.PDF

Title: LFSB-20 (LFSB-20-26) **Submitted By:** JONI KROPF (AUTH_RP)
Size : 24 KB **Submitted:** 2/22/2012*
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/2567356884/SL204GF2841.PDF

Title: LFSB-20 (LFSB-20-51) **Submitted By:** JONI KROPF (AUTH_RP)
Size : 24 KB **Submitted:** 2/22/2012*
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/4854735612/SL204GF2841.PDF

Title: LFSB-21 (LFSB-21-29) **Submitted By:** JONI KROPF (AUTH_RP)
Size : 23 KB **Submitted:** 2/22/2012*
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/4138116419/SL204GF2841.PDF

Title: LFSB-20 (LFSB-20-32) **Submitted By:** JONI KROPF (AUTH_RP)
Size : 24 KB **Submitted:** 2/22/2012*
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/7026560485/SL204GF2841.PDF

Title: LFSB-20 (LFSB-20-40) **Submitted By:** JONI KROPF (AUTH_RP)
Size : 24 KB **Submitted:** 2/22/2012*
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/7952222466/SL204GF2841.PDF

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Title: GEO_MAP **Submitted By:** JAMES ORTEGA (AUTH_RP)
Size : 289 KB **Submitted:** 5/8/2006*
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_map/7132672965/SL204GF2841.pdf

Title: GEO_MAP **Submitted By:** JAMES ORTEGA (AUTH_RP)
Size : 1,830 KB **Submitted:** 5/5/2006*
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_map/2798370182/SL204GF2841.pdf

Sites from GeoTracker Search - Cleanup Status History (as of May 29, 2021)

Status: Open - Remediation
Date: 10/15/2014

Status: Open - Remediation
Date: 7/27/2011

Status: Open - Remediation
Date: 7/6/2010

Status: Open - Remediation
Date: 1/20/2009

Status: Open - Site Assessment
Date: 7/15/2005

Status: Open - Case Begin Date
Date: 7/10/2000

Status: Open - Site Assessment
Date: 7/10/2000

55	1 of 1	ESE	0.43 / 2,256.97	136.41 / -6	AMERICAN GRAPHIC BOARD, INC. 5880 E SLAUSON AVE COMMERCE CA 90040	C&D DEBRIS RECY

County: LOS ANGELES
Activity Type: PAPER AND PAPERBOARD CONVERTING
Phone No: (323) 887-1566

56	1 of 1	SSE	0.43 / 2,266.03	137.41 / -5	LOS ANGELES PAPER BOX & BOARD MILLS (DIVISION OF CROCKETT PACKAGING) 6027 SOUTH EASTERN AVE COMMERCE CA 90040	C&D DEBRIS RECY

County: LOS ANGELES
Activity Type: PAPER AND PAPERBOARD CONVERTING
Phone No: (323) 685-8900

57	1 of 1	W	0.43 / 2,292.29	139.39 / -3	STEEL SERVICES CO. 5637 DISTRICT BLVD VERNON CA 90058	RCRA TSD

EPA Handler ID: CAC003017471
Gen Status Universe: No Report
Contact Name: BILL SALLENBACH
Contact Address: 5637 DISTRICT BLVD , , VERNON , CA, 90058 ,
Contact Phone No and Ext: 323-560-1430
Contact Email: BILLS@STEELSERVICESGRINDING.COM
Contact Country:
Land Type:

County Name:	LOS ANGELES
EPA Region:	09
Receive Date:	20190531
Location Latitude:	33.989119
Location Longitude:	-118.174887

Violation/Evaluation Summary

Note:	NO RECORDS: As of Nov 2021, 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:	20190531
Handler Name:	STEEL SERVICES CO.
Federal Waste Generator Code:	N
Generator Code Description:	Not a Generator, Verified
Source Type:	Implementer

Owner/Operator Details

Owner/Operator Ind:	Current Owner	**Street No:**	
Type:	Other	**Street 1:**	5637 DISTRICT BLVD
Name:	CAROLINE SALLENBACH	**Street 2:**	
Date Became Current:		**City:**	VERNON
Date Ended Current:		**State:**	CA
Phone:	323-560-1430	**Country:**	
Source Type:	Implementer	**Zip Code:**	90058

Owner/Operator Ind:	Current Operator	**Street No:**	
Type:	Other	**Street 1:**	5637 DISTRICT BLVD
Name:	BILL SALLENBACH	**Street 2:**	
Date Became Current:		**City:**	VERNON
Date Ended Current:		**State:**	CA
Phone:	323-560-1430	**Country:**	
Source Type:	Implementer	**Zip Code:**	90058

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
58	1 of 5	SSE	0.44 / 2,298.69	138.41 / -4	BAKER CASTOR OIL 5585 E 61ST ST CITY OF COMMERCE CA 90040	CERCLIS

Site ID:	0901789	**RNPL Status Code:**	N
Site EPA ID:	CAD980636203	**NPL Status:**	Not on the NPL
Site Street Address 2:		**RFED Facility Code:**	N

Site County Name:	LOS ANGELES	**RFED Facility Desc:**	Not a Federal Facility
Site FIPS Code:	06037	**USGS Hydro Unit No.:**	18070105
Region Code:	09	**Site Cong. Dist. Code:**	30
Site SMSA No.:	4480	**ROT Desc:**	Unknown
Site Prim. Latitude:	33D58M53S	**FR NPL Update No.:**	
Site Prim. Longitude:	118D09M52S	**RFRA Code:**	
Lat Long Source:			

RNON NPL Status Desc: NFRAP-Site does not qualify for the NPL based on existing information

CERCLIS Assess History

OU ID:	00	**RALT Short Name:**	EPA Fund
Act Code ID:	001	**Act Start Date:**	
RAT Code:	DS	**Act Complete Date:**	6/1/1981 00:00:00
RAT Short Name:	DISCVRY	**AGT Order No.:**	10
RAT Name:	DISCOVERY	**SH OU:**	
RAT Hist. Only Flag:		**SH Code:**	
RAT NSI Indicator:	B	**SH Seq:**	
RAT Level:	1	**SH Start Date:**	
RAT DEF OU:	00	**SH Complete Date:**	
RFBS Code:		**SH Lead:**	
SPA Code:	13		

RAT Def: The process by which a potential hazardous waste site is brought to the attention of the EPA. The process can occur through the use of several mechanisms such as a phone call or referral by another government agency.

Site Desc:
Site Alias:

CERCLIS Assess History

OU ID:	00	**RALT Short Name:**	State (Fund)
Act Code ID:	001	**Act Start Date:**	5/1/1984 00:00:00
RAT Code:	PA	**Act Complete Date:**	4/1/1985 00:00:00
RAT Short Name:	PA	**AGT Order No.:**	130
RAT Name:	PRELIMINARY ASSESSMENT	**SH OU:**	
RAT Hist. Only Flag:		**SH Code:**	
RAT NSI Indicator:	B	**SH Seq:**	
RAT Level:	1	**SH Start Date:**	
RAT DEF OU:	00	**SH Complete Date:**	
RFBS Code:	P	**SH Lead:**	
SPA Code:	13		

RAT Def: Collection of diverse existing information about the source and nature of the site hazard. It is EPA policy to complete the preliminary assessment within one year of site discovery.

Site Desc:
Site Alias:

CERCLIS Assess History

OU ID:	00	**RALT Short Name:**	EPA In-House
Act Code ID:	001	**Act Start Date:**	
RAT Code:	VS	**Act Complete Date:**	4/1/1985 00:00:00
RAT Short Name:	ARCH SITE	**AGT Order No.:**	1500
RAT Name:	ARCHIVE SITE	**SH OU:**	
RAT Hist. Only Flag:		**SH Code:**	
RAT NSI Indicator:	B	**SH Seq:**	
RAT Level:	1	**SH Start Date:**	
RAT DEF OU:	00	**SH Complete Date:**	
RFBS Code:		**SH Lead:**	
SPA Code:	13		

RAT Def: The decision is made that no further activity is planned at the site.

Site Desc:
Site Alias:

CERCLIS Assess History

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

OU ID:	00	**RALT Short Name:**	
Act Code ID:		**Act Start Date:**	
RAT Code:		**Act Complete Date:**	
RAT Short Name:		**AGT Order No.:**	0
RAT Name:		**SH OU:**	
RAT Hist. Only Flag:		**SH Code:**	
RAT NSI Indicator:		**SH Seq:**	
RAT Level:		**SH Start Date:**	
RAT DEF OU:		**SH Complete Date:**	
RFBS Code:		**SH Lead:**	
SPA Code:			
RAT Def:			

Site Desc: No description available
.

Site Alias: FEDERAL PAPERBOARD CO,,,CA,;

58	2 of 5	SSE	0.44 / 2,298.69	138.41 / -4	BAKER CASTOR OIL 5585 E 61ST ST CITY OF COMMERCE CA 90040	CERCLIS NFRAP

Site ID:	901789	**Site FIPS Code:**	6037
Site EPA ID:	CAD980636203	**Region Code:**	9
Site Parent ID:		**Site Cong. Dist. Code:**	30
Site County Name:	LOS ANGELES	**Federal Facility:**	
Parent Site Name:			

CERCLIS-NFRAP Assess History

OU ID:	0	**Act Start Date:**	5/1/1984
Act Code ID:	1	**Act Complete Date:**	4/1/1985
RAT Code:	PA	**AGT Order No.:**	130
RAT Short Name:	PA	**SH OU:**	
RAT Name:	PRELIMINARY ASSESSMENT	**SH Code:**	
RAT Hist. Only Flag:		**SH Seq:**	
RAT NSI Indicator:	B	**SH Start Date:**	
RAT Level:	1	**SH Complete Date:**	
RAT DEF OU:	00	**SH Lead:**	
RFBS Code:	P	**SH Qual:**	
SPA Code:	13	**RAQ Act. Qual Short:**	NFRAP
RALT Short Name:	State (Fund)	**RNPL Status Code:**	N
RAT Def:	Collection of diverse existing information about the source and nature of the site hazard. It is EPA policy to complete the preliminary assessment within one year of site discovery.		
RNON NPL Status Desc:	NFRAP-Site does not qualify for the NPL based on existing information		

CERCLIS-NFRAP Assess History

OU ID:	0	**Act Start Date:**	
Act Code ID:	1	**Act Complete Date:**	4/1/1985
RAT Code:	VS	**AGT Order No.:**	1500
RAT Short Name:	ARCH SITE	**SH OU:**	
RAT Name:	ARCHIVE SITE	**SH Code:**	
RAT Hist. Only Flag:		**SH Seq:**	
RAT NSI Indicator:	B	**SH Start Date:**	
RAT Level:	1	**SH Complete Date:**	
RAT DEF OU:	00	**SH Lead:**	
RFBS Code:		**SH Qual:**	
SPA Code:	13	**RAQ Act. Qual Short:**	
RALT Short Name:	EPA In-House	**RNPL Status Code:**	N
RAT Def:	The decision is made that no further activity is planned at the site.		
RNON NPL Status Desc:	NFRAP-Site does not qualify for the NPL based on existing information		

CERCLIS-NFRAP Assess History

OU ID:	0	**Act Start Date:**	
Act Code ID:	1	**Act Complete Date:**	6/1/1981

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

RAT Code:	DS	**AGT Order No.:**	10
RAT Short Name:	DISCVRY	**SH OU:**	
RAT Name:	DISCOVERY	**SH Code:**	
RAT Hist. Only Flag:		**SH Seq:**	
RAT NSI Indicator:	B	**SH Start Date:**	
RAT Level:	1	**SH Complete Date:**	
RAT DEF OU:	00	**SH Lead:**	
RFBS Code:		**SH Qual:**	
SPA Code:	13	**RAQ Act. Qual Short:**	
RALT Short Name:	EPA Fund	**RNPL Status Code:**	N

RAT Def: The process by which a potential hazardous waste site is brought to the attention of the EPA. The process can occur through the use of several mechanisms such as a phone call or referral by another government agency.

RNON NPL Status Desc: NFRAP-Site does not qualify for the NPL based on existing information

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Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
58	3 of 5	SSE	0.44 / 2,298.69	138.41 / -4	BAKER CASTOR OIL 5585 E 61ST ST CITY OF COMMERCE CA 90040	SEMS ARCHIVE

Site ID:	0901789	**FIPS Code:**	06037
EPA ID:	CAD980636203	**Cong District:**	30
Superfund Alt Agmt:	No	**Region:**	09
Federal Facility:	No	**County:**	LOS ANGELES
FF Docket:	No		

NPL: Not on the NPL

Non NPL Status: NFRAP-Site does not qualify for the NPL based on existing information

Action Information

Operable Units:	00	**Start Actual:**	05/01/1984
Action Code:	PA	**Finish Actual:**	04/01/1985
Action Name:	PA	**Qual:**	N
SEQ:	1	**Curr Action Lead:**	St Perf
Operable Units:	00	**Start Actual:**	
Action Code:	VS	**Finish Actual:**	04/01/1985
Action Name:	ARCH SITE	**Qual:**	
SEQ:	1	**Curr Action Lead:**	EPA Perf In-Hse
Operable Units:	00	**Start Actual:**	06/01/1981
Action Code:	DS	**Finish Actual:**	06/01/1981
Action Name:	DISCVRY	**Qual:**	
SEQ:	1	**Curr Action Lead:**	EPA Perf

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
58	4 of 5	SSE	0.44 / 2,298.69	138.41 / -4	THE NEWARK GROUP INC - RECYCLING 5585 E 61ST ST COMMERCE CA 90040-3405	RCRA TSD

EPA Handler ID:	CAL000294382
Gen Status Universe:	No Report
Contact Name:	YU KEN CHAN
Contact Address:	5585 E 61ST ST , , COMMERCE , CA, 90040-3405 ,
Contact Phone No and Ext:	323-724-7599
Contact Email:	KEN.CHAN@CARAUSTAR
Contact Country:	
Land Type:	
County Name:	LOS ANGELES
EPA Region:	09
Receive Date:	20050520
Location Latitude:	33.981355
Location Longitude:	-118.165442

Violation/Evaluation Summary

Note: NO RECORDS: As of Nov 2021, 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:	20050520
Handler Name:	THE NEWARK GROUP INC - RECYCLING
Federal Waste Generator Code:	N
Generator Code Description:	Not a Generator, Verified
Source Type:	Implementer

Owner/Operator Details

Owner/Operator Ind:	Current Owner	***Street No:***	
Type:	Other	***Street 1:***	5000 AUSTELL POWDER
Name:	NEWARK GROUP INC	***Street 2:***	
Date Became Current:		***City:***	AUSTELL
Date Ended Current:		***State:***	CA
Phone:	770-948-3103	***Country:***	
Source Type:	Implementer	***Zip Code:***	30106
Owner/Operator Ind:	Current Operator	***Street No:***	
Type:	Other	***Street 1:***	5585 E 61ST ST
Name:	YU KEN CHAN	***Street 2:***	
Date Became Current:		***City:***	COMMERCE
Date Ended Current:		***State:***	CA
Phone:	323-724-7599	***Country:***	
Source Type:	Implementer	***Zip Code:***	90040-3405

58	***5 of 5***	***SSE***	***0.44 / 2,298.69***	***138.41 / -4***	***BAKER CASTOR OIL 5585 EAST 61ST STREET LOS ANGELES CA 90003***	***CALSITES***

ID No:	19200019	***Assembly:***	
Status Date:	01/17/1984	***Senate:***	
NPL:		***Region:***	3
Tier:		***Region Name:***	BURBANK
Fund:		***County Co:***	19
Access :		***Facility County:***	LOS ANGELES
Access Code:	NOT REPORTED	***Lat Deg:***	0
Cortese:		***Lat Min:***	0
Hrscore:		***Lat Sec:***	0
Hrsdate:		***Lat Dir:***	
Groundwater Contam:		***Long Deg:***	0
GW Code:	NOT REPORTED	***Long Min:***	0
No Sources:	0	***Long Sec:***	0
RWQCB Name:		***Long Dir:***	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Branch Name: SOUTHERN CA. - B
Staff:
Senior:
Status Name: NO FURTHER ACTION FOR DTSC
Type Name: N/A
Lead Name: N/A
SIC Name: MANU - FOOD & KINDRED PRODUCTS
Filename:
Comments:

LImethod:
LIdesc:

ENFORCEMENT(OTHER) CO ENGR.VIO OF LARGE AMOUNT OF WATER INT SEWER. REPAIRED BY 9/9/60. VIOLATION DETECTED A FIRE IN THE MILL WASTE. LARGELY, PAPER FIRE BUT SOME INK. (R.PARA,PAPERBOARD) FACILITY IDENTIFIED ID FROM ERRIS INSPECTION (LOCAL) CO ENGR. WHEN BAKER CASTOR OIL OPER. (1947 - 1974). INSPECTION(STATE) FIRE DEPT,CAL-OSHA,SCAQMD,INSURANCE COCO INSP-R.PARA,PAPERBOARD SAID. SOURCE ACT: R.PARA,PAPERBOARD,2/9/84 -REFINING PROCESS INVOLVED PHYSICAL CRUSHING OF BEANS & HERBACEOUS PLANTS. YR OF OPER: CO ENGR FILES - 1947-1968 (OIL PLANT),1968-1979(WAREHOUSE). FAC TYPE: (CASTOR)STORAGE PRIOR TO OFF-SITE DISP.(PAPERB)DRUM STORAGE PRIOR TO INCINARATION RECYCLG OR OFF-SITE DISP. FINAL STRATEGY RECOM-ENF REFERRAL OF FED PAPERBOARD RT SUBMIT TO EPA PRELIM ASSESS DONE RCRA 3012

Background:

59	1 of 2	S	0.44 / 2,298.82	138.41 / -4	**COGNIS CORPORATION/HENKEL** **5568 E. 61ST STREET** **COMMERCE CA 90040**	ENVIROSTOR

Estor/EPA ID: 71002632
Site Code: 540038
Nat Priority List: NO
APN: 6332-014-005, 6332-014-025, 6332-014-026, 6332-014-030, 6332014005, 6332014011, 6332014021, 6332014025, 6332014026
Census Tract: 6037532304
Site Type: TIERED PERMIT
Address Description: 5568 E. 61ST STREET
Office: CLEANUP CYPRESS
Special Program:
Funding:
Assembly District: 58
Senate District: 32
Permit Renewal Lead:
Public Partici Spclst:
Project Manager: IRENA EDWARDS
County: LOS ANGELES
Latitude: 33.9813219
Longitude: -118.1657303
Acres: 11 ACRES
Supervisor: EILEEN MANANIAN
Cleanup Status: CERTIFIED O&M - LAND USE RESTRICTIONS ONLY AS OF 5/16/2012
Cleanup Oversight Agencies: DTSC - HAZARDOUS WASTE MANAGEMENT PROGRAM - LEAD AGENCY
School District:
Past Use that Caused Contam: ABOVE GROUND STORAGE TANKS, DISTRIBUTOR - CHEMICAL, FOUNDRY, FUEL TERMINALS, HAZARDOUS WASTE STORAGE - TANKS/CONTAINERS, HAZARDOUS WASTE TREATMENT, LABORATORIES- CHEMICAL, MAINTENANCE / CLEANING, MANUFACTURING - CHEMICALS, OIL/WATER SEPARATORS, UNDERGROUND STORAGE TANKS, WAREHOUSING, WASTE WATER PONDS
Potential Media Affected: OTHER GROUNDWATER AFFECTED (USES OTHER THAN DRINKING WATER), SOIL, SOIL VAPOR
Potential Contamin of Concern:

ASBESTOS CONTAINING MATERIALS (ACM)
METALS
NAPHTHALENE
OTHER
PCBS (UNSPECIATED MIXTURE, LOW RISK, E.G. AROCLOR 1016)
VOLATILE ORGANICS (8260B VOCS)

Site History:

1. From 1938 to 1999, this 11-acres site located near the 710 freeway in the City of Commerce was occupied by various chemical manufacturing companies and a steel foundry. Some of the former operators included Crayola, Vegetable Oil Company, Emery Industries, Wulff Processing, California Carbonic, National Distillers, and Apex Steel. Henkel, the last facility operator, was an oleochemical manufacturing facility that refined vegetable and animal fats. In 1994, DTSC granted Henkel a Conditional Authorization for the onsite treatment of wastewater. In 1997, Henkel submitted a Phase I Environmental Assessment Checklist indicating further investigation was needed. DTSC conducted a Phase I Environmental Checklist verification inspection on the site and concurred further investigation was needed. Identified SWMUs included nickel storage, sulfuric acid storage, stormwater impound, wastewater sumps, wastewater pre-treatment sump, Southland Oil (State Super Fund site) property border, steel foundry, and excavations from Underground Storage Tanks (USTs) formerly containing acetone, methanol, gasoline, Dowtherm A, and Therminol. Cognis Corporation took over Henkel and demolished the above ground structures at the site in the spring 2000.
2. Contamination – Lead, arsenic, BTX, Dowtherm A, and Therminol, PCE, TCE, their degradation products, acetone, and methanol in soil, and PCE and TCE in shallow perched groundwater.
3. Work Done to Date - In June 2000, Cognis Corporation entered into a Corrective Action Consent Agreement (CACA) with DTSC to investigate and

remediate potential soil and groundwater contamination. During the fiscal year 2004/2005, DTSC oversaw implementation of an interim measure removal of lead contaminated soil in Area 2. Corrective Measures Plan, dated March 29, 2007 for Cognis Facility, was public noticed and approved by DTSC on June 29, 2007. Cognis implemented Soil Vapor Extraction (SVE) and removal of 10 cubic yards of contaminated soil with arsenic concentrations above the local background levels in one area (Area 3). In addition, the Corrective Measures Plan proposed to construct a concrete surface on the border with Southland Oil Site (Area 6). The facility submitted Corrective Measures Completion report in July 2010. A Land Use Covenant (LUC) was filed with the Los Angeles County Assessor's Office in 2012. New buildings were erected, and the entire site was paved.
4. Current Status - The site returned to industrial/commercial use. Annual LUC monitoring is ongoing.

Status: CERTIFIED O&M - LAND USE RESTRICTIONS ONLY - LAND USE RESTRICTIONS
Program Type: TIERED PERMIT
CalEnviroScreen Score: 96-100%
Summary Link: https://www.envirostor.dtsc.ca.gov/public/profile_report?global_id=71002632

Land Use Restrictions

Site Management Requirements:
DAY CARE CENTER PROHIBITED
HOSPITAL USE PROHIBITED
LAND USE COVENANT
NO EXCAVATION OR ACTIVITIES WHICH DISTURB THE SOIL BELOW A SPECIFIED DEPTH (SEE COVENANT FOR DEPTH) WITHOUT AGENCY REVIEW AND APPROVAL OF A SOIL MANAGEMENT PLAN
NO GROUNDWATER EXTRACTION AT ANY DEPTH WITHOUT APPROVAL
NOTIFY AFTER CHANGE OF PROPERTY OWNER
NOTIFY PRIOR TO SUBSURFACE WORK
PERFORM H&S PLAN PRIOR TO SUBSURFACE WORK
PUBLIC OR PRIVATE SCHOOL FOR PERSONS UNDER 21 PROHIBITED
RAISING OF FOOD PROHIBITED
RESIDENCE USE PROHIBITED

Title: LUC Recorded
Title Link: https://www.envirostor.dtsc.ca.gov/public/view_document?docurl=/public/deliverable_documents/8035415470/Covenant%5F20120118%2Epdf
Date Recorded: 1/18/2012

Completed Activities

Title: 2020/2021 Annual Cost Estimate
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=71002632&enforcement_id=60487083
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Annual Oversight Cost Estimate
Date Completed: 10/22/2020
Comments:

Title: Estimation Letter
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=71002632&enforcement_id=60448045
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Annual Oversight Cost Estimate
Date Completed: 12/12/2019
Comments:

Title: LUC Monitoring Report by Owner
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=71002632&doc_id=60399589
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Land Use Restriction Monitoring Report
Date Completed: 2/3/2016
Comments:

Title: 2014/2015 Estimate
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=71002632&enforcement_id=60386553

Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Annual Oversight Cost Estimate
Date Completed: 11/20/2014
Comments:

Title: Monitoring Report
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=71002632&enforcement_id=60314471
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: * Land Use Restriction Monitoring Report
Date Completed: 1/14/2013
Comments: Completed

Title: Corrective Measures Implementation Completed
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=71002632&doc_id=60253705
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Remedial Action Completion Report
Date Completed: 7/10/2010
Comments:

Title: Draft Post-Corrective Measures Confirming Risk Assessment
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=71002632&doc_id=60293348
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Risk Assessment Report
Date Completed: 8/27/2009
Comments: Completed

Title: IM completed
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=71002632&doc_id=60252827
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Interim Measures Implementation Report
Date Completed: 8/3/2005
Comments:

Title: Inspection - Phase I Verification
Title Link: https://www.envirostor.dtsc.ca.gov/public/
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Phase I Verification
Date Completed: 4/1/1999
Comments: Inspection report sent on 4/1/1999

Title: LUC Report by Owner
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=71002632&doc_id=60448040
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Land Use Restriction Monitoring Report
Date Completed: 1/16/2020
Comments:

Title: Annual Cost Estimate

Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=71002632&enforcement_id=60422183
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Annual Oversight Cost Estimate
Date Completed: 1/19/2017
Comments: Completed

Title: RS CEQA Completed
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=71002632&enforcement_id=60253440
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: * CEQA
Date Completed: 6/29/2007
Comments:

Title: IM CEQA completed
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=71002632&enforcement_id=60253611
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: * CEQA
Date Completed: 6/30/2005
Comments:

Title: Corrective Action Consent Agreement
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=71002632&enforcement_id=60258097
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Consent Agreement
Date Completed: 6/29/2000
Comments:

Title: LUC Report by Owner
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=71002632&doc_id=60438728
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Land Use Restriction Monitoring Report
Date Completed: 2/21/2018
Comments:

Title: 2017/2018 Cost Estimate
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=71002632&enforcement_id=60438778
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Annual Oversight Cost Estimate
Date Completed: 12/5/2017
Comments: Completed

Title: Report
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=71002632&doc_id=60374949
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Land Use Restriction Monitoring Report
Date Completed: 2/26/2015
Comments:

Title: FI workplan approved
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=71002632&doc_id=60253611
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Supplemental Site Investigation Workplan
Date Completed: 7/26/2004
Comments:

Title: LUC Monitoring Report by Owner
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=71002632&doc_id=60487084
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Land Use Restriction Monitoring Report
Date Completed: 3/1/2021
Comments:

Title: FI workplan oversight completed
Title Link: https://www.envirostor.dtsc.ca.gov/public/
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Site Inspections/Visit (Non LUR)
Date Completed: 4/15/2003
Comments:

Title: LUC Inspection Letter-Report
Title Link: https://www.envirostor.dtsc.ca.gov/public/
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: * Land Use Restriction Monitoring Report
Date Completed: 6/13/2014
Comments: Completed

Title: Acknowledgement of Termination and Satisfaction
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=71002632&enforcement_id=60295547
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Acknowledgement of Satisfaction
Date Completed: 4/13/2012
Comments: Completed

Title: Further Investigation Completed
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=71002632&doc_id=60253077
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Supplemental Site Investigation Report
Date Completed: 5/20/2007
Comments:

Title: Final Baseline Risk Assessment Report
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=71002632&doc_id=60292999
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Risk Assessment Report
Date Completed: 12/2/2005
Comments: Completed

Title: Remedial Action Certificaion
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=71002632&enforcement_id=60298467
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Certification
Date Completed: 5/18/2012
Comments: Completed

Title: Remedy Selection Completed
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=71002632&enforcement_id=60253441
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Remedy Selection and Statement of Basis
Date Completed: 6/29/2007
Comments:

Title: Inspection - Oversight
Title Link: https://www.envirostor.dtsc.ca.gov/public/
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Oversight
Date Completed: 4/7/2003
Comments:

Title: LUC Report by Owner
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=71002632&doc_id=60448039
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Land Use Restriction Monitoring Report
Date Completed: 1/11/2019
Comments:

Title: Estimation Letter
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=71002632&enforcement_id=60448044
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Annual Oversight Cost Estimate
Date Completed: 1/10/2019
Comments: completed

Title: LUC Recorded
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=71002632&doc_id=60253705
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Land Use Restriction
Date Completed: 1/18/2012
Comments:

Title: RS Public Participation Completed
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=71002632&doc_id=60253094
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Fact Sheets
Date Completed: 6/25/2007

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Comments:

Title: IM workplan oversight completed
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=71002632&doc_id=60253614
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Site Inspections/Visit (Non LUR)
Date Completed: 6/30/2005
Comments:

Title: IM workplan approval
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=71002632&doc_id=60253614
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Interim Measures Workplan
Date Completed: 8/18/2004
Comments:

Title: LUC Report by Owner
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=71002632&doc_id=60411992
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Land Use Restriction Monitoring Report
Date Completed: 1/30/2017
Comments:

Title: IM public participation completed
Title Link: https://www.envirostor.dtsc.ca.gov/public/
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: * IM Public Participation
Date Completed: 6/30/2005
Comments:

Title: FI workplan approved
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=71002632&doc_id=60253625
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Supplemental Site Investigation Workplan
Date Completed: 2/20/2003
Comments:

59	2 of 2	S	0.44 / 2,298.82	138.41 / -4	**COGNIS CORPORATION/HENKEL** **5568 E. 61ST STREET** **COMMERCE CA 90040**	LUR

Estor/EPA ID:	71002632	**Permit Renewal Lead:**	
Site Code:	540038	**Project Manager:**	IRENA EDWARDS
Nat Priority List:	NO	**Supervisor:**	EILEEN MANANIAN
Acres:	11 ACRES	**Public Partici Spclst:**	
Special Program:		**Census Tract:**	6037532304
Funding:		**County:**	LOS ANGELES
Assembly District:	58	**Latitude:**	33.9813219
Senate District:	32	**Longitude:**	-118.1657303
School District:			

APN: 6332-014-005, 6332-014-025, 6332-014-026, 6332-014-030, 6332014005, 6332014011, 6332014021, 6332014025, 6332014026
Cleanup Status: CERTIFIED O&M - LAND USE RESTRICTIONS ONLY AS OF 5/16/2012

Cleanup Oversight Agencies: DTSC - HAZARDOUS WASTE MANAGEMENT PROGRAM - LEAD AGENCY
Site Type: TIERED PERMIT
Office: CLEANUP CYPRESS
Past Use that Caused Contam: ABOVE GROUND STORAGE TANKS, DISTRIBUTOR - CHEMICAL, FOUNDRY, FUEL TERMINALS, HAZARDOUS WASTE STORAGE - TANKS/CONTAINERS, HAZARDOUS WASTE TREATMENT, LABORATORIES- CHEMICAL, MAINTENANCE / CLEANING, MANUFACTURING - CHEMICALS, OIL/WATER SEPARATORS, UNDERGROUND STORAGE TANKS, WAREHOUSING, WASTE WATER PONDS
Potential Media Affected: OTHER GROUNDWATER AFFECTED (USES OTHER THAN DRINKING WATER), SOIL, SOIL VAPOR
Potential Contamin of Concern:

ASBESTOS CONTAINING MATERIALS (ACM)
METALS
NAPHTHALENE
OTHER
PCBS (UNSPECIATED MIXTURE, LOW RISK, E.G. AROCLOR 1016)
VOLATILE ORGANICS (8260B VOCS)

Site History:

1. From 1938 to 1999, this 11-acres site located near the 710 freeway in the City of Commerce was occupied by various chemical manufacturing companies and a steel foundry. Some of the former operators included Crayola, Vegetable Oil Company, Emery Industries, Wulff Processing, California Carbonic, National Distillers, and Apex Steel. Henkel, the last facility operator, was an oleochemical manufacturing facility that refined vegetable and animal fats. In 1994, DTSC granted Henkel a Conditional Authorization for the onsite treatment of wastewater. In 1997, Henkel submitted a Phase I Environmental Assessment Checklist indicating further investigation was needed. DTSC conducted a Phase I Environmental Checklist verification inspection on the site and concurred further investigation was needed. Identified SWMUs included nickel storage, sulfuric acid storage, stormwater impound, wastewater sumps, wastewater pre-treatment sump, Southland Oil (State Super Fund site) property border, steel foundry, and excavations from Underground Storage Tanks (USTs) formerly containing acetone, methanol, gasoline, Dowtherm A, and Therminol. Cognis Corporation took over Henkel and demolished the above ground structures at the site in the spring 2000.
2. Contamination – Lead, arsenic, BTX, Dowtherm A, and Therminol, PCE, TCE, their degradation products, acetone, and methanol in soil, and PCE and TCE in shallow perched groundwater.
3. Work Done to Date - In June 2000, Cognis Corporation entered into a Corrective Action Consent Agreement (CACA) with DTSC to investigate and remediate potential soil and groundwater contamination. During the fiscal year 2004/2005, DTSC oversaw implementation of an interim measure removal of lead contaminated soil in Area 2. Corrective Measures Plan, dated March 29, 2007 for Cognis Facility, was public noticed and approved by DTSC on June 29, 2007. Cognis implemented Soil Vapor Extraction (SVE) and removal of 10 cubic yards of contaminated soil with arsenic concentrations above the local background levels in one area (Area 3). In addition, the Corrective Measures Plan proposed to construct a concrete surface on the border with Southland Oil Site (Area 6). The facility submitted Corrective Measures Completion report in July 2010. A Land Use Covenant (LUC) was filed with the Los Angeles County Assessor's Office in 2012. New buildings were erected, and the entire site was paved.
4. Current Status - The site returned to industrial/commercial use. Annual LUC monitoring is ongoing.

Status: CERTIFIED O&M - LAND USE RESTRICTIONS ONLY - LAND USE RESTRICTIONS
Program Type: TIERED PERMIT
CalEnviroScreen Score: 96-100%
Summary Link: https://www.envirostor.dtsc.ca.gov/public/profile_report?global_id=71002632

Land Use Restrictions

Site Management Requirements: DAY CARE CENTER PROHIBITED
HOSPITAL USE PROHIBITED
LAND USE COVENANT
NO EXCAVATION OR ACTIVITIES WHICH DISTURB THE SOIL BELOW A SPECIFIED DEPTH (SEE COVENANT FOR DEPTH) WITHOUT AGENCY REVIEW AND APPROVAL OF A SOIL MANAGEMENT PLAN
NO GROUNDWATER EXTRACTION AT ANY DEPTH WITHOUT APPROVAL
NOTIFY AFTER CHANGE OF PROPERTY OWNER
NOTIFY PRIOR TO SUBSURFACE WORK
PERFORM H&S PLAN PRIOR TO SUBSURFACE WORK
PUBLIC OR PRIVATE SCHOOL FOR PERSONS UNDER 21 PROHIBITED
RAISING OF FOOD PROHIBITED
RESIDENCE USE PROHIBITED
Title: LUC Recorded
Title Link: https://www.envirostor.dtsc.ca.gov/public/view_document?docurl=/public/deliverable_documents/8035415470/Covenant%5F20120118%2Epdf
Date Recorded: 1/18/2012

Completed Activities

Title: LUC Monitoring Report by Owner
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=71002632&doc_id=60399589

Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Land Use Restriction Monitoring Report
Date Completed: 2/3/2016
Comments:

Title: LUC Report by Owner
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=71002632&doc_id=60438728
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Land Use Restriction Monitoring Report
Date Completed: 2/21/2018
Comments:

Title: 2017/2018 Cost Estimate
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=71002632&enforcement_id=60438778
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Annual Oversight Cost Estimate
Date Completed: 12/5/2017
Comments: Completed

Title: LUC Monitoring Report by Owner
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=71002632&doc_id=60487084
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Land Use Restriction Monitoring Report
Date Completed: 3/1/2021
Comments:

Title: Corrective Measures Implementation Completed
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=71002632&doc_id=60253705
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Remedial Action Completion Report
Date Completed: 7/10/2010
Comments:

Title: FI workplan approved
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=71002632&doc_id=60253611
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Supplemental Site Investigation Workplan
Date Completed: 7/26/2004
Comments:

Title: LUC Report by Owner
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=71002632&doc_id=60448040
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Land Use Restriction Monitoring Report
Date Completed: 1/16/2020
Comments:

Title: LUC Report by Owner

Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=71002632&doc_id=60448039
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Land Use Restriction Monitoring Report
Date Completed: 1/11/2019
Comments:

Title: Draft Post-Corrective Measures Confirming Risk Assessment
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=71002632&doc_id=60293348
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Risk Assessment Report
Date Completed: 8/27/2009
Comments: Completed

Title: Estimation Letter
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=71002632&enforcement_id=60448045
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Annual Oversight Cost Estimate
Date Completed: 12/12/2019
Comments:

Title: Remedial Action Certificaion
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=71002632&enforcement_id=60298467
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Certification
Date Completed: 5/18/2012
Comments: Completed

Title: IM completed
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=71002632&doc_id=60252827
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Interim Measures Implementation Report
Date Completed: 8/3/2005
Comments:

Title: Annual Cost Estimate
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=71002632&enforcement_id=60422183
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Annual Oversight Cost Estimate
Date Completed: 1/19/2017
Comments: Completed

Title: LUC Report by Owner
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=71002632&doc_id=60411992
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Land Use Restriction Monitoring Report
Date Completed: 1/30/2017
Comments:

Title: 2020/2021 Annual Cost Estimate
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=71002632&enforcement_id=60487083
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Annual Oversight Cost Estimate
Date Completed: 10/22/2020
Comments:

Title: Monitoring Report
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=71002632&enforcement_id=60314471
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: * Land Use Restriction Monitoring Report
Date Completed: 1/14/2013
Comments: Completed

Title: IM CEQA completed
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=71002632&enforcement_id=60253611
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: * CEQA
Date Completed: 6/30/2005
Comments:

Title: Corrective Action Consent Agreement
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=71002632&enforcement_id=60258097
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Consent Agreement
Date Completed: 6/29/2000
Comments:

Title: IM public participation completed
Title Link: https://www.envirostor.dtsc.ca.gov/public/
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: * IM Public Participation
Date Completed: 6/30/2005
Comments:

Title: Estimation Letter
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=71002632&enforcement_id=60448044
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Annual Oversight Cost Estimate
Date Completed: 1/10/2019
Comments: completed

Title: Remedy Selection Completed
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=71002632&enforcement_id=60253441
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Remedy Selection and Statement of Basis
Date Completed: 6/29/2007
Comments:

Title: 2014/2015 Estimate
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=71002632&enforcement_id=60386553
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Annual Oversight Cost Estimate
Date Completed: 11/20/2014
Comments:

Title: IM workplan approval
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=71002632&doc_id=60253614
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Interim Measures Workplan
Date Completed: 8/18/2004
Comments:

Title: Inspection - Phase I Verification
Title Link: https://www.envirostor.dtsc.ca.gov/public/
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Phase I Verification
Date Completed: 4/1/1999
Comments: Inspection report sent on 4/1/1999

Title: IM workplan oversight completed
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=71002632&doc_id=60253614
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Site Inspections/Visit (Non LUR)
Date Completed: 6/30/2005
Comments:

Title: LUC Inspection Letter-Report
Title Link: https://www.envirostor.dtsc.ca.gov/public/
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: * Land Use Restriction Monitoring Report
Date Completed: 6/13/2014
Comments: Completed

Title: Final Baseline Risk Assessment Report
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=71002632&doc_id=60292999
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Risk Assessment Report
Date Completed: 12/2/2005
Comments: Completed

Title: FI workplan oversight completed
Title Link: https://www.envirostor.dtsc.ca.gov/public/
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Site Inspections/Visit (Non LUR)
Date Completed: 4/15/2003

Comments:

Title: Inspection - Oversight
Title Link: https://www.envirostor.dtsc.ca.gov/public/
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Oversight
Date Completed: 4/7/2003
Comments:

Title: RS Public Participation Completed
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=71002632&doc_id=60253094
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Fact Sheets
Date Completed: 6/25/2007
Comments:

Title: Acknowledgement of Termination and Satisfaction
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=71002632&enforcement_id=60295547
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Acknowledgement of Satisfaction
Date Completed: 4/13/2012
Comments: Completed

Title: Further Investigation Completed
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=71002632&doc_id=60253077
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Supplemental Site Investigation Report
Date Completed: 5/20/2007
Comments:

Title: RS CEQA Completed
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=71002632&enforcement_id=60253440
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: * CEQA
Date Completed: 6/29/2007
Comments:

Title: Report
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=71002632&doc_id=60374949
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Land Use Restriction Monitoring Report
Date Completed: 2/26/2015
Comments:

Title: LUC Recorded
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=71002632&doc_id=60253705
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Land Use Restriction

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Date Completed: 1/18/2012
Comments:

Title: FI workplan approved
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=71002632&doc_id=60253625
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Supplemental Site Investigation Workplan
Date Completed: 2/20/2003
Comments:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
60	1 of 1	S	0.44 / 2,309.55	138.89 / -4	COGNIS CORPORATION 5568 61ST ST. E. COMMERCE CA 90040	LUST

Global ID: T0603779757
Status: COMPLETED - CASE CLOSED
Status Date: 2/18/2009
Case Type: LUST CLEANUP SITE
Date Source: LUST Cleanup Sites & Military UST Site from GeoTracker Project Search Results Export; LUST Cleanup Sites & Military UST Site from GeoTracker Cleanup Sites Data Download
County: LOS ANGELES
Latitude: 33.980887
Longitude: -118.166001

LUST Cleanup Sites from GeoTracker Cleanup Sites Data Download - Facilities Detail

RB Case No: R-50329
Local Case No: 8952-50329
Begin Date: 8/15/2007
Lead Agency: LOS ANGELES RWQCB (REGION 4)
Local Agency: LOS ANGELES COUNTY
CUF Case: NO
Potential Media of Concern: Soil
How Discovered Description:
Calwater Watershed Name: Los Angeles River - Los Angeles (412.10)
DWR GW Subbasin Name: Coastal Plain Of Los Angeles - Central (4-011.04)
Disadvantaged Community:
Calenviroscreen Score: 96-100% (highest scores)
Site History:
Potential COC: Gasoline
How Discovered: Tank Closure
Stop Method: Close and Remove Tank
Stop Description:
Case Worker: JW
File Location: Regional Board

LUST Cleanup Sites from GeoTracker Cleanup Sites Data Download - Regulatory Activity

Action Type: ENFORCEMENT
Date : 2/18/2009
Action: Closure/No Further Action Letter

Action Type: ENFORCEMENT
Date : 1/23/2009
Action: Notification - Preclosure

Action Type: ENFORCEMENT
Date : 1/20/2009
Action: Site Visit / Inspection / Sampling

Action Type: RESPONSE
Date : 8/3/2008
Action: Other Report / Document

Action Type: ENFORCEMENT
Date : 7/3/2008
Action: Staff Letter

Action Type: Other
Date : 12/6/2007
Action: Leak Reported

Action Type: Other
Date : 8/15/2007
Action: Leak Discovery

LUST Cleanup Sites from GeoTracker Cleanup Sites Data Download - Regulatory Contacts

Contact Type: Local Agency Caseworker
Contact Name: PHILLIP GHARIBIANS-TABRIZI
City: ALHAMBRA
Organization Name: LOS ANGELES COUNTY
Address: 900 S. FREMONT AVE.
Email: pgharibians@dpw.lacounty.gov
Phone No:

Contact Type: Regional Board Caseworker
Contact Name: JIMMIE WOO
City: LOS ANGELES
Organization Name: LOS ANGELES RWQCB (REGION 4)
Address: 320 WEST 4TH STREET, SUITE 200
Email: jwoo@waterboards.ca.gov
Phone No: 2135766600

LUST Cleanup Sites from GeoTracker Cleanup Sites Data Download - Status History

Status: Completed - Case Closed
Status Date: 2/18/2009

Status: Open - Site Assessment
Status Date: 5/1/2008

Status: Open - Site Assessment
Status Date: 3/12/2008

Status: Open - Case Begin Date
Status Date: 8/15/2007

LUST Sites from GeoTracker Search - Regulatory Profile

Site Facility Name: COGNIS CORPORATION
Site Facility Type: LUST CLEANUP SITE
Cleanup Status: COMPLETED - CASE CLOSED
Project Status:
WDR Place Type:
WDR File:
WDR Order:
CUF Priority Assig:
CUF Amount Paid:
Potential COC: GASOLINE
Facility Type:
Composting Method:
Address: 5568 61ST ST. E.
City: COMMERCE
Zip: 90040
County: LOS ANGELES
CUF Claim:
File Location: REGIONAL BOARD
Designated Beneficial Use: MUN, AGR, IND, PROC
Project Oversight Agencies:
Report Link: https://geotracker.waterboards.ca.gov/profile_report?global_id=T0603779757
Cleanup Status Detail: COMPLETED - CASE CLOSED AS OF 2/18/2009
Cleanup History Link: https://geotracker.waterboards.ca.gov/profile_report_include?global_id=T0603779757&tabname=regulatoryhistory
Potential Media of Concern: SOIL
User Defined Beneficial Use:
DWR GW Sub Basin: Coastal Plain Of Los Angeles - Central (4-011.04)
Calwater Watershed Name: Los Angeles River - Los Angeles (412.10)
Post Closure Site Management:
Future Land Use:
Cleanup Oversight Agencies: LOS ANGELES RWQCB (REGION 4) (LEAD) - CASE #: R-50329
CASEWORKER: JIMMIE WOO
LOS ANGELES COUNTY - CASE #: 8952-50329
CASEWORKER: PHILLIP GHARIBIANS-TABRIZI
Gndwater Monitoring Freque:
Designated Beneficial Use Desc: Municipal and Domestic Supply, Agricultural Supply, Industrial Service Supply, Industrial Process Supply
Site History:

No site history available

LUST Sites from GeoTracker Search - Cleanup Status History

Status: Completed - Case Closed
Date : 2/18/2009

Status: Open - Site Assessment
Date : 5/1/2008

Status: Open - Site Assessment
Date : 3/12/2008

Status: Open - Case Begin Date
Date : 8/15/2007

LUST Sites from GeoTracker Search - Regulatory Activities (as of May 29, 2021)

Action Type: Other Regulatory Actions
Action Date: 2/18/2009
Received Issue Date: 2/18/2009
Action: Closure/No Further Action Letter
Doc Link:
Title Description Comments:

Action Type: Notices
Action Date: 1/23/2009
Received Issue Date: 1/23/2009
Action: Notification - Preclosure
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0603779757&enforcement_id=6001004&temptable=ENFORCEMENT
Title Description Comments:

Action Type: Other Regulatory Actions
Action Date: 1/20/2009
Received Issue Date: 1/20/2009
Action: Site Visit / Inspection / Sampling
Doc Link:
Title Description Comments:

Action Type: Response Requested - Other
Action Date: 8/3/2008
Received Issue Date: 8/1/2008
Action: Other Report / Document
Doc Link:
Title Description Comments:

Action Type: Other Regulatory Actions
Action Date: 7/3/2008
Received Issue Date: 7/3/2008
Action: Staff Letter
Doc Link:
Title Description Comments:

Action Type: Leak Action
Action Date: 12/6/2007
Received Issue Date:
Action: Leak Reported
Doc Link:
Title Description Comments:

Action Type: Leak Action
Action Date: 8/15/2007
Received Issue Date:

Action: Leak Discovery
Doc Link:
Title Description Comments:

LUST Sites from GeoTracker Search - Documents (as of May 29, 2021)

Document Type: Site Documents
Document Date: 1/23/2009
Type: NOTIFICATION - PRECLOSURE
Title: UNKNOWN
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0603779757&enforcement_id=6001004
Size :
Submitted By: (REGULATOR)
Submitted:

Document Type: Site Documents
Document Date: 5/2/2008
Type: TANK REMOVAL REPORT / UST SAMPLING REPORT
Title: UNDERGROUND STORAGE TANK CLOSURE REPORT
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/3458223640/T0603779757.PDF
Size : 11,348 KB
Submitted By: BEN CASTELLANA (AUTH_RP)
Submitted:

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61 | **1 of 7** | **SE** | **0.44 / 2,319.09** | **137.41 / -5** | **HECHT PROPERTIES**
6014 SOUTH EASTERN AVE.
CITY OF COMMERCE CA 90040 | **CERCLIS**

Site ID: 0904560
Site EPA ID: CAD981619786
Site Street Address 2:
Site County Name: LOS ANGELES
Site FIPS Code: 06037
Region Code: 09
Site SMSA No.: 4480
Site Prim. Latitude: 33D58M53S
Site Prim. Longitude: 118D09M43S
Lat Long Source:
RNON NPL Status Desc: NFRAP-Site does not qualify for the NPL based on existing information
RNPL Status Code: N
NPL Status: Not on the NPL
RFED Facility Code: N
RFED Facility Desc: Not a Federal Facility
USGS Hydro Unit No.: 18070105
Site Cong. Dist. Code: 25
ROT Desc: Private
FR NPL Update No.:
RFRA Code:

CERCLIS Assess History

OU ID: 00
Act Code ID: 001
RAT Code: DS
RAT Short Name: DISCVRY
RAT Name: DISCOVERY
RAT Hist. Only Flag:
RAT NSI Indicator: B
RAT Level: 1
RAT DEF OU: 00
RFBS Code:
SPA Code: 13
RAT Def: The process by which a potential hazardous waste site is brought to the attention of the EPA. The process can occur through the use of several mechanisms such as a phone call or referral by another government agency.
Site Desc:
Site Alias:
RALT Short Name: EPA Fund
Act Start Date:
Act Complete Date: 8/17/1992 00:00:00
AGT Order No.: 10
SH OU:
SH Code:
SH Seq:
SH Start Date:
SH Complete Date:
SH Lead:

CERCLIS Assess History

OU ID: 00
Act Code ID:
RAT Code:
RAT Short Name:
RAT Name:
RAT Hist. Only Flag:
RAT NSI Indicator:
RAT Level:
RAT DEF OU:
RALT Short Name:
Act Start Date:
Act Complete Date:
AGT Order No.: 0
SH OU:
SH Code:
SH Seq:
SH Start Date:
SH Complete Date:

RFBS Code: ***SH Lead:***
SPA Code:
RAT Def:
Site Desc: No description available
.
Site Alias: No alias data available

CERCLIS Assess History

OU ID:	00	***RALT Short Name:***	EPA In-House
Act Code ID:	001	***Act Start Date:***	
RAT Code:	VS	***Act Complete Date:***	6/30/1993 00:00:00
RAT Short Name:	ARCH SITE	***AGT Order No.:***	1500
RAT Name:	ARCHIVE SITE	***SH OU:***	
RAT Hist. Only Flag:		***SH Code:***	
RAT NSI Indicator:	B	***SH Seq:***	
RAT Level:	1	***SH Start Date:***	
RAT DEF OU:	00	***SH Complete Date:***	
RFBS Code:		***SH Lead:***	
SPA Code:	13		

RAT Def: The decision is made that no further activity is planned at the site.
Site Desc:
Site Alias:

CERCLIS Assess History

OU ID:	00	***RALT Short Name:***	EPA Fund
Act Code ID:	001	***Act Start Date:***	
RAT Code:	PA	***Act Complete Date:***	6/30/1993 00:00:00
RAT Short Name:	PA	***AGT Order No.:***	130
RAT Name:	PRELIMINARY ASSESSMENT	***SH OU:***	
RAT Hist. Only Flag:		***SH Code:***	
RAT NSI Indicator:	B	***SH Seq:***	
RAT Level:	1	***SH Start Date:***	
RAT DEF OU:	00	***SH Complete Date:***	
RFBS Code:	P	***SH Lead:***	
SPA Code:	13		

RAT Def: Collection of diverse existing information about the source and nature of the site hazard. It is EPA policy to complete the preliminary assessment within one year of site discovery.
Site Desc:
Site Alias:

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61 ***2 of 7*** ***SE*** ***0.44 / 2,319.09*** ***137.41 / -5*** ***HECHT PROPERTIES***
6014 SOUTH EASTERN AVE.
CITY OF COMMERCE CA 90040 ***CERCLIS NFRAP***

Site ID:	904560	***Site FIPS Code:***	6037
Site EPA ID:	CAD981619786	***Region Code:***	9
Site Parent ID:		***Site Cong. Dist. Code:***	25
Site County Name:	LOS ANGELES	***Federal Facility:***	
Parent Site Name:			

CERCLIS-NFRAP Assess History

OU ID:	0	***Act Start Date:***	
Act Code ID:	1	***Act Complete Date:***	8/17/1992
RAT Code:	DS	***AGT Order No.:***	10
RAT Short Name:	DISCVRY	***SH OU:***	
RAT Name:	DISCOVERY	***SH Code:***	
RAT Hist. Only Flag:		***SH Seq:***	
RAT NSI Indicator:	B	***SH Start Date:***	
RAT Level:	1	***SH Complete Date:***	
RAT DEF OU:	00	***SH Lead:***	
RFBS Code:		***SH Qual:***	
SPA Code:	13	***RAQ Act. Qual Short:***	

RALT Short Name: EPA Fund
RNPL Status Code: N
RAT Def: The process by which a potential hazardous waste site is brought to the attention of the EPA. The process can occur through the use of several mechanisms such as a phone call or referral by another government agency.
RNON NPL Status Desc: NFRAP-Site does not qualify for the NPL based on existing information

CERCLIS-NFRAP Assess History

OU ID: 0
Act Code ID: 1
RAT Code: VS
RAT Short Name: ARCH SITE
RAT Name: ARCHIVE SITE
RAT Hist. Only Flag:
RAT NSI Indicator: B
RAT Level: 1
RAT DEF OU: 00
RFBS Code:
SPA Code: 13
RALT Short Name: EPA In-House
RAT Def: The decision is made that no further activity is planned at the site.
RNON NPL Status Desc: NFRAP-Site does not qualify for the NPL based on existing information
Act Start Date:
Act Complete Date: 6/30/1993
AGT Order No.: 1500
SH OU:
SH Code:
SH Seq:
SH Start Date:
SH Complete Date:
SH Lead:
SH Qual:
RAQ Act. Qual Short:
RNPL Status Code: N

CERCLIS-NFRAP Assess History

OU ID: 0
Act Code ID: 1
RAT Code: PA
RAT Short Name: PA
RAT Name: PRELIMINARY ASSESSMENT
RAT Hist. Only Flag:
RAT NSI Indicator: B
RAT Level: 1
RAT DEF OU: 00
RFBS Code: P
SPA Code: 13
RALT Short Name: EPA Fund
RAT Def: Collection of diverse existing information about the source and nature of the site hazard. It is EPA policy to complete the preliminary assessment within one year of site discovery.
RNON NPL Status Desc: NFRAP-Site does not qualify for the NPL based on existing information
Act Start Date:
Act Complete Date: 6/30/1993
AGT Order No.: 130
SH OU:
SH Code:
SH Seq:
SH Start Date:
SH Complete Date:
SH Lead:
SH Qual:
RAQ Act. Qual Short: NFRAP
RNPL Status Code: N

61	3 of 7	SE	0.44 / 2,319.09	137.41 / -5	**KROGER COMPANY** **6014 S EASTERN AVE** **COMMERCE CA 90040**	SML LA

Site ID: SD0010110
Case ID: RO0000459
Status:

61	4 of 7	SE	0.44 / 2,319.09	137.41 / -5	**KROGER CO PROPERTY (FORMER)** **6014 EASTERN AVE S** **COMMERCE CA 90040**	LUST

Global ID: T0603702699
Status: COMPLETED - CASE CLOSED
Status Date: 8/7/1996
Case Type: LUST CLEANUP SITE
Date Source: LUST Cleanup Sites & Military UST Site from GeoTracker Project Search Results Export; LUST Cleanup Sites & Military UST Site from GeoTracker Cleanup Sites Data Download
County: LOS ANGELES
Latitude: 33.9821958
Longitude: -118.1625219

LUST Cleanup Sites from GeoTracker Cleanup Sites Data Download - Facilities Detail

RB Case No: I-00299
Potential COC: Gasoline

Local Case No:
Begin Date: 12/1/1986
Lead Agency: LOS ANGELES RWQCB (REGION 4)
Local Agency: LOS ANGELES COUNTY
CUF Case: NO
How Discovered: Subsurface Monitoring
Stop Method:
Stop Description:
Case Worker: YR
File Location:
Potential Media of Concern: Soil
How Discovered Description:
Calwater Watershed Name: Los Angeles River - Los Angeles (412.10)
DWR GW Subbasin Name: Coastal Plain Of Los Angeles - Central (4-011.04)
Disadvantaged Community:
Calenviroscreen Score: 96-100% (highest scores)
Site History:

LUST Cleanup Sites from GeoTracker Cleanup Sites Data Download - Regulatory Activity

Action Type: Other
Date : 10/22/1992
Action: Leak Reported

Action Type: Other
Date : 1/1/1988
Action: Leak Stopped

Action Type: Other
Date : 12/1/1986
Action: Leak Discovery

LUST Cleanup Sites from GeoTracker Cleanup Sites Data Download - Regulatory Contacts

Contact Type: Local Agency Caseworker
Contact Name: JOHN AWUJO
City: ALHAMBRA
Organization Name: LOS ANGELES COUNTY
Address: 900 S FREMONT AVE
Email: jawujo@dpw.lacounty.gov
Phone No: 6264583507

Contact Type: Regional Board Caseworker
Contact Name: YUE RONG
City: Los Angeles
Organization Name: LOS ANGELES RWQCB (REGION 4)
Address: 320 W. 4TH ST., SUITE 200
Email: yrong@waterboards.ca.gov
Phone No:

LUST Cleanup Sites from GeoTracker Cleanup Sites Data Download - Status History

Status: Completed - Case Closed
Status Date: 8/7/1996

Status: Open - Verification Monitoring
Status Date: 11/8/1995

Status: Open - Remediation
Status Date: 1/1/1988

Status: Open - Site Assessment
Status Date: 2/1/1987

Status: Open - Case Begin Date
Status Date: 12/1/1986

Status: Open - Site Assessment
Status Date: 12/1/1986

LUST Sites from GeoTracker Search - Regulatory Profile

Site Facility Name: KROGER CO PROPERTY (FORMER)
Site Facility Type: LUST CLEANUP SITE
Potential COC: GASOLINE
Facility Type:

Cleanup Status: COMPLETED - CASE CLOSED
Project Status:
WDR Place Type:
WDR File:
WDR Order:
CUF Priority Assig:
CUF Amount Paid:
File Location:
Composting Method:
Address: 6014 EASTERN AVE S
City: COMMERCE
Zip: 90040
County: LOS ANGELES
CUF Claim:

Designated Beneficial Use: MUN, AGR, IND, PROC
Project Oversight Agencies:
Report Link: https://geotracker.waterboards.ca.gov/profile_report?global_id=T0603702699
Cleanup Status Detail: COMPLETED - CASE CLOSED AS OF 8/7/1996
Cleanup History Link: https://geotracker.waterboards.ca.gov/profile_report_include?global_id=T0603702699&tabname=regulatoryhistory
Potential Media of Concern: SOIL
User Defined Beneficial Use:
DWR GW Sub Basin: Coastal Plain Of Los Angeles - Central (4-011.04)
Calwater Watershed Name: Los Angeles River - Los Angeles (412.10)
Post Closure Site Management:
Future Land Use:
Cleanup Oversight Agencies: LOS ANGELES RWQCB (REGION 4) (LEAD) - CASE #: I-00299
CASEWORKER: YUE RONG
LOS ANGELES COUNTY
CASEWORKER: JOHN AWUJO
Gndwater Monitoring Freque:
Designated Beneficial Use Desc: Municipal and Domestic Supply, Agricultural Supply, Industrial Service Supply, Industrial Process Supply
Site History:

No site history available

LUST Sites from GeoTracker Search - Cleanup Status History

Status: Completed - Case Closed
Date : 8/7/1996

Status: Open - Verification Monitoring
Date : 11/8/1995

Status: Open - Remediation
Date : 1/1/1988

Status: Open - Site Assessment
Date : 2/1/1987

Status: Open - Case Begin Date
Date : 12/1/1986

Status: Open - Site Assessment
Date : 12/1/1986

LUST Sites from GeoTracker Search - Regulatory Activities (as of May 29, 2021)

Action Type: Leak Action
Action Date: 10/22/1992
Received Issue Date:
Action: Leak Reported
Doc Link:
Title Description Comments:

Action Type: Leak Action
Action Date: 1/1/1988
Received Issue Date:
Action: Leak Stopped
Doc Link:
Title Description Comments:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Action Type: Leak Action
Action Date: 12/1/1986
Received Issue Date:
Action: Leak Discovery
Doc Link:
Title Description Comments:

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61 | **5 of 7** | **SE** | **0.44 / 2,319.09** | **137.41 / -5** | **COMMERCE BUSINESS CENTER**
6014 SOUTH EASTERN AVENUE
COMMERCE CA 90022 | **ENVIROSTOR**

Estor/EPA ID: 19730192
Site Code:
Nat Priority List: NO
APN: NONE SPECIFIED
Census Tract: 6037532304
Site Type: * HISTORICAL
Address Description: 6014 SOUTH EASTERN AVENUE
Office: CLEANUP CHATSWORTH
Special Program:
Funding:
Assembly District: 58
Senate District: 32
Permit Renewal Lead:
Public Partici Spclst:
Project Manager:
County: LOS ANGELES
Latitude: 33.9819444444444
Longitude: -118.162222222222
Acres: NONE SPECIFIED
Supervisor:
Cleanup Status: REFER: OTHER AGENCY AS OF 8/31/1995
Cleanup Oversight Agencies: NONE SPECIFIED
School District:
Past Use that Caused Contam: NONE SPECIFIED
Potential Media Affected: NONE SPECIFIED
Potential Contamin of Concern:

LEAD
POLYCHLORINATED BIPHENYLS (PCBS)
UNCATEGORIZED

Site History:

Status: REFER: OTHER AGENCY
Program Type: HISTORICAL
CalEnviroScreen Score: 96-100%
Summary Link: https://www.envirostor.dtsc.ca.gov/public/profile_report?global_id=19730192

Completed Activities

Title: Site Screening
Title Link: https://www.envirostor.dtsc.ca.gov/public/
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Site Screening
Date Completed: 4/20/1994
Comments: The Department received a U.S. EPA CERCLA PA report dated June 14, 1993. The site consists of approximately 12 acres. The report indicates that an electrical transformer with oil containing PCBs is on site may have been leaked. Also, the site is contaminated from the leakage of underground fuel tanks. The Department's contact with LA County, Department of Public Works indicates that the remediation activities at the site is overseeing by the County. Therefore, the the Department's involvement is unnecessary.

Title: Site Screening
Title Link: https://www.envirostor.dtsc.ca.gov/public/
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Site Screening
Date Completed: 8/6/1992
Comments: THE SITE IS CONTAMINATED WITH GASOLINE RELATED BENZENE, TOLUENE AND XYLENE. THE

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

CONTAMINATION EXTENDING FROM 15 TO 40-45 FEET DEPTH AT A CONCENTRATION RANGING FROM 115-305 PPM BENZENE, 131-1010 PPM TOLUENE, 502-2266 PPM XYLENE AND 2,400 -17,400 PPM TRPH. THE CONTAMINATION WAS CAUSED BY LEAKS FROM AT LEAST ONE OF THREE USTS. ALSO, FUEL CONTAMINATION SUSPECTING AT THE EAST OF THE PUMP HOUSE OF THE PROPERTY. PCB CONTAMINATED TRANSFORMERS WERE ALSO FOUND AT THE SITE. LACDHS FILE INDICATED THE PRESENCE OF LEAD IN THE SOIL AT THE SITE. A PEA IS REQUIRED BECAUSE OF THE DOCUMENTED CONTAMINATION AT THE SITE.

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61 | ***6 of 7*** | ***SE*** | ***0.44 / 2,319.09*** | ***137.41 / -5*** | ***HECHT PROPERTIES***
6014 SOUTH EASTERN AVE.
CITY OF COMMERCE CA 90040 | ***SEMS ARCHIVE***

Site ID:	0904560	***FIPS Code:***	06037
EPA ID:	CAD981619786	***Cong District:***	25
Superfund Alt Agmt:	No	***Region:***	09
Federal Facility:	No	***County:***	LOS ANGELES
FF Docket:	No		
NPL:	Not on the NPL		
Non NPL Status:	NFRAP-Site does not qualify for the NPL based on existing information		

Action Information

Operable Units:	00	***Start Actual:***	08/17/1992
Action Code:	DS	***Finish Actual:***	08/17/1992
Action Name:	DISCVRY	***Qual:***	
SEQ:	1	***Curr Action Lead:***	EPA Perf
Operable Units:	00	***Start Actual:***	
Action Code:	VS	***Finish Actual:***	06/30/1993
Action Name:	ARCH SITE	***Qual:***	
SEQ:	1	***Curr Action Lead:***	EPA Perf In-Hse
Operable Units:	00	***Start Actual:***	
Action Code:	PA	***Finish Actual:***	06/30/1993
Action Name:	PA	***Qual:***	N
SEQ:	1	***Curr Action Lead:***	EPA Perf

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61 | ***7 of 7*** | ***SE*** | ***0.44 / 2,319.09*** | ***137.41 / -5*** | ***COMMERCE BUSINESS CENTER***
6014 SOUTH EASTERN AVENUE
COMMERCE CA 90022 | ***CALSITES***

ID No:	19730192	***Assembly:***	
Status Date:	08/31/1995	***Senate:***	
NPL:		***Region:***	3
Tier:		***Region Name:***	BURBANK
Fund:		***County Co:***	19
Access :		***Facility County:***	LOS ANGELES
Access Code:	NOT REPORTED	***Lat Deg:***	0
Cortese:		***Lat Min:***	0
Hrscore:		***Lat Sec:***	0
Hrsdate:		***Lat Dir:***	
Groundwater Contam:		***Long Deg:***	0
GW Code:	NOT REPORTED	***Long Min:***	0
No Sources:	0	***Long Sec:***	0
RWQCB Name:	LOS ANGELES	***Long Dir:***	
Branch Name:	SOUTHERN CA. - A	***LImethod:***	
Staff:	JABRAHAM	***LIdesc:***	
Senior:	MMONROY		
Status Name:	PROPERTY/SITE REFERRED TO ANOTHER AGENCY		
Type Name:	N/A		
Lead Name:	N/A		
SIC Name:	BUSINESS SERVICES		
Filename:	COMMERCE BUSINESS CENTER		
Comments:			

THE SITE IS CONTAMINATED WITH GASOLINE RELATED BENZENE, TOLUENE AND XYLENE. THE CONTAMINATION EXTENDING FROM 15

TO 40-45 FEET DEPTH AT A CONCENTRATION RANGING FROM 115-305 PPM BENZENE, 131-1010 PPM TOLUENE, 502-2266 PPM XYLENE AND 2,400 -17,400 PPM TRPH. THE CONTAMINATION WAS CAUSED BY LEAKS FROM AT LEAST ONE OF THREE USTS. ALSO, FUEL CONTAMINATION SUSPECTING AT THE EAST OF THE PUMP HOUSE OF THE PROPERTY. PCB CONTAMINATED TRANSFORMERS WERE ALSO FOUND AT THE SITE. LACDHS FILE INDICATED THE PRESENCE OF LEAD IN THE SOIL AT THE SITE. A PEA IS REQUIRED BECAUSE OF THE DOCUMENTED CONTAMINATION AT THE SITE. The Department received a U.S. EPA CERCLA PA report dated June 14, 1993. The site consists of approximately 12 acres. The report indicates that an electrical transformer with oil containing PCBs is on site may have been leaked. Also, the site is contaminated from the leakage of underground fuel tanks. The Department's contact with LA County, Department of Public Works indicates that the remediation activities at the site is overseeing by the County. Therefore, the the Department's involvement is unnecessary.

Background:

62	1 of 1	W	0.45 / 2,352.67	142.42 / 0	**DUNN EDWARDS** **4905 EAST 52ND PLACE** **VERNON CA 90058**	ENVIROSTOR

Estor/EPA ID:	60001974	***Assembly District:***	63, 53
Site Code:	301653	***Senate District:***	33
Nat Priority List:	NO	***Permit Renewal Lead:***	
APN:	NONE SPECIFIED	***Public Partici Spclst:***	
Census Tract:	6037532304	***Project Manager:***	
Site Type:	EVALUATION	***County:***	LOS ANGELES
Address Description:	4905 EAST 52ND PLACE	***Latitude:***	33.987762
Office:	CLEANUP CYPRESS	***Longitude:***	-118.175533
Special Program:	EPA - PASI	***Acres:***	8 ACRES
Funding:	EPA GRANT	***Supervisor:***	
Cleanup Status:	REFER: EPA AS OF 6/11/2014		
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:

The Site will be investigated under 710 Corridor SI grant during 15/16 FY. The Dunn Edwards site is located at 4885 E. 52nd Place, Vernon, California. The Dunn Edwards site occupies approximately 7.8 acres in an urban industrial area. The Dunn Edwards Corporation was founded in 1925 in Los Angeles and moved manufacturing operations to the site in approximately 1955 to keep up with the increased demand caused by the post-war economic expansion in the area. The original 5,000 ft2 manufacturing plant continued to expand across the site through the 1960s and 1970s until, due to lack of available on-site space, a
new plant was constructed in Tempe, Arizona. In June 2011, the Dunn Edwards Corporation opened a new facility in Phoenix, Arizona where the majority of manufacturing operations were consolidated. As of March 2014, the only paint manufacturing operations being conducted at the Dunn-Edwards site were for the production of oil-based paints, which were being conducted within the Oil Plant at the central portion of the site. The remaining portions of the site were being used for administrative and storage activities As of April 2014, the site consisted of five primary areas including the Main Office building at the northwestern portion, the Lacquer Plant at the northern portion, the 4905 Former Lease Building at the north-central portion, the Oil Plant at the south-central portion, and the Water Plant at the southern portion. The site has been used for the manufacturing of lacquers, oil-based paints, and/or water based
paints since approximately 1955. In addition, portions of the site were used for printing/decal, garment, and furniture manufacturing from approximately 1967 to 2007.fnEnvironmental investigations conducted at the site have identified elevated concentrations of volatile organic compounds (VOCs) in groundwater including, but not limited to trichloroethylene (TCE); tetrachloroethylene (PCE); 1,1,1-trichloroethane (TCA); benzene; toluene; methyl ethyl ketone (MEK); Ethylene glycol monobutyl ether (EGBE); acetone; and carbon disulfide.

Status:	REFER: EPA
Program Type:	EVALUATION
CalEnviroScreen Score:	96-100%
Summary Link:	https://www.envirostor.dtsc.ca.gov/public/profile_report?global_id=60001974

Completed Activities

Title:	Site Screening Assessment Report
Title Link:	https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60001974&enforcement_id=60356486
Area Name:	
Area Link:	
Sub Area:	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Sub Area Link:
Document Type: PA/SI Site Screening
Date Completed: 6/11/2014
Comments:

Title: USEPA SI Report
Title Link: https://www.envirostor.dtsc.ca.gov/public/
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: PA/SI Site Investigation
Date Completed: 9/12/2017
Comments: Received

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
63	1 of 1	SSE	0.45 / 2,372.87	138.41 / -4	BAKER CASTOR OIL 5585 EAST 61ST STREET LOS ANGELES CA 90003	ENVIROSTOR

Estor/EPA ID: 19200019
Site Code:
Nat Priority List: NO
APN: NONE SPECIFIED
Census Tract: 6037532304
Site Type: * HISTORICAL
Address Description: 5585 EAST 61ST STREET
Office: CLEANUP CHATSWORTH
Special Program: * RCRA 3012 - PAST HAZ WASTE DISP INVEN SITE
Funding:
Assembly District: 58
Senate District: 32
Permit Renewal Lead:
Public Partici Spclst:
Project Manager:
County: LOS ANGELES
Latitude: 33.9811111111111
Longitude: -118.165277777778
Acres: 0 ACRES
Supervisor: * HARLAN JECHE
Cleanup Status: NO FURTHER ACTION AS OF 1/17/1984
Cleanup Oversight Agencies: NONE SPECIFIED
School District:
Past Use that Caused Contam: MANUFACTURING - PAPER
Potential Media Affected: SOIL, SOIL VAPOR
Potential Contamin of Concern:

BIOLOGICAL WASTE OTHER THAN SEWAGE SLUDGE
HALOGENATED SOLVENTS
HYDROCARBON SOLVENTS
OTHER ORGANIC SOLIDS
OXYGENATED SOLVENTS

Site History:

INSPECTION(LOCAL) CO ENGR. WHEN BAKER CASTOR OIL OPER. (1947 - 1974). INSPECTION(STATE) FIRE DEPT,CAL-OSHA,SCAQMD, INSURANCE COCO INSP-R.PARA,PAPERBOARD SAID. SOURCE ACT: R.PARA,PAPERBOARD,2/9/84 - REFINING PROCESS INVOLVED PHYSICAL CRUSHING OF BEANS & HERBACEOUS PLANTS. YR OF OPER: CO ENGR FILES - 1947-1968 (OIL PLANT),1968-1979 (WAREHOUSE). FAC TYPE: (CASTOR)STORAGE PRIOR TO OFF- SITE DISP.(PAPERB)DRUM STORAGE PRIOR TO INCINARATION RECYCLG OR OFF-SITE DISP. FINAL STRATEGY RECOM-ENF REFERRAL OF FED PAPERBOARD RT SUBMIT TO EPA PRELIM ASSESS DONE RCRA 3012

Status: NO FURTHER ACTION
Program Type: HISTORICAL
CalEnviroScreen Score: 96-100%
Summary Link: https://www.envirostor.dtsc.ca.gov/public/profile_report?global_id=19200019

Completed Activities

Title: Preliminary Assessment Report
Title Link: https://www.envirostor.dtsc.ca.gov/public/
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Preliminary Assessment Report
Date Completed: 1/17/1984

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Comments: INSPECTION(LOCAL) CO ENGR. WHEN BAKER CASTOR OIL OPER. (1947 - 1974). INSPECTION(STATE) FIRE DEPT,CAL-OSHA,SCAQMD,INSURANCE COCO INSP-R.PARA,PAPERBOARD SAID. SOURCE ACT: R. PARA,PAPERBOARD,2/9/84 - REFINING PROCESS INVOLVED PHYSICAL CRUSHING OF BEANS & HERBACEOUS PLANTS. YR OF OPER: CO ENGR FILES - 1947-1968 (OIL PLANT),1968-1979(WAREHOUSE). FAC TYPE: (CASTOR)STORAGE PRIOR TO OFF- SITE DISP.(PAPERB)DRUM STORAGE PRIOR TO INCINARATION RECYCLG OR OFF-SITE DISP. FINAL STRATEGY RECOM-ENF REFERRAL OF FED PAPERBOARD RT SUBMIT TO EPA PRELIM ASSESS DONE RCRA 3012

Title: Discovery
Title Link: https://www.envirostor.dtsc.ca.gov/public/
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: * Discovery
Date Completed: 9/26/1983
Comments: FACILITY IDENTIFIED ID FROM ERRIS

64	1 of 1	ENE	0.45 / 2,377.12	139.41 / -3	TSU 5825 RICKENBACKER RD COMMERCE CA 90040	DELISTED HAZ

Siteid: 430685
Latitude: 33.989185
Longitude: -118.156905
Original Source: CHAZ
Record Date: 04-JAN-2018

65	1 of 1	SSE	0.45 / 2,401.91	137.41 / -5	CRISTAL MATERIALS 5650 E 61ST ST COMMERCE CA 90040	C&D DEBRIS RECY

County: LOS ANGELES

Activity Type: MATTRESS COLLECTION
MATTRESS PROCESSING
Phone No: (323) 278-3592

66	1 of 1	WSW	0.46 / 2,422.07	142.41 / 0	COOK INDUCTION HEAT TREATING 4925 E. SLAUSON AVE MAYWOOD CA 90270	ENVIROSTOR

Estor/EPA ID: 60001486
Site Code:
Nat Priority List: NO
APN: NONE SPECIFIED
Census Tract: 6037533703
Site Type: EVALUATION
Address Description: 4925 E. SLAUSON AVE
Office: CLEANUP CHATSWORTH
Special Program:
Funding: ORPHAN FUNDS
Assembly District: 63
Senate District: 33
Permit Renewal Lead:
Public Partici Spclst:
Project Manager: JESSY FIERRO
County: LOS ANGELES
Latitude: 33.98624
Longitude: -118.175931
Acres: 0.4 ACRES
Supervisor: JULI PROPES
Cleanup Status: NO ACTION REQUIRED AS OF 6/30/2011
Cleanup Oversight Agencies: DTSC - SITE CLEANUP PROGRAM - LEAD AGENCY
School District:
Past Use that Caused Contam: MANUFACTURING - METAL
Potential Media Affected: SOIL
Potential Contamin of Concern:

TETRACHLOROETHYLENE (PCE)
TRICHLOROETHYLENE (TCE)

Site History:

This Site operates as a metal parts manufacturing facility. DTSC conducted soil and soil vapor sampling and has determined that no additional sampling is required.

Status: NO ACTION REQUIRED
Program Type: EVALUATION
CalEnviroScreen Score: 91-95%
Summary Link: https://www.envirostor.dtsc.ca.gov/public/profile_report?global_id=60001486

Completed Activities

Title: Sampling Report
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60001486&doc_id=60270409
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Preliminary Assessment/Site Inspection Report (PA/SI)
Date Completed: 6/30/2011
Comments: The sampling data indicated levels of PCE and TCE.

Title: Sampling Workplan
Title Link: https://www.envirostor.dtsc.ca.gov/public/
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Preliminary Assessment Work Plan
Date Completed: 1/13/2011
Comments: The Workplan for soil and soil vapor sampling was approved by DTSC.

67	1 of 1	S	0.46 / 2,446.67	140.45 / -2	HENKEL CORPORATION/COGNIS CORP 5568 E 61ST ST COMMERCE CA 90040	SML LA

Site ID: SD0010382
Case ID: RO0010382
Status:

68	1 of 1	WSW	0.46 / 2,451.52	142.41 / 0	COOK INDUCTION HEATING CO., INC. 4925 SLAUSON AVENUE MAYWOOD CA 90270	CLEANUP SITES

Global ID: T10000010143
Status: OPEN - ELIGIBLE FOR CLOSURE
Status Date: 9/12/2019
Site Facility Type: CLEANUP PROGRAM SITE
Data Source: Cleanup Program Sites from GeoTracker Search; Cleanup Sites from GeoTracker Cleanup Sites Data Download
Latitude: 33.98642
Longitude: -118.17556
County: LOS ANGELES

Cleanup Sites from GeoTracker Cleanup Sites Data Download - Facilities Detail

RB Case No: 1396
Local Case No:
Begin Date: 2/16/2017
File Location: All Files are on GeoTracker or in the Local Agency Database
Lead Agency: LOS ANGELES RWQCB (REGION 4)
Local Agency:
Potential COC: 1,1,1-Trichloroethane (TCA), 1,4-Dioxane, Trichloroethylene (TCE)
Potential Media of Concern:
How Discovered:
How Discovered Description:
Stop Description:
CalWater Watershed Name: Los Angeles River - Los Angeles (412.10)
DWR GW Subbasin Name: Coastal Plain Of Los Angeles - Central (4-011.04)
Stop Method:
CUF Case: NO
Case Worker: MN

Disadvantaged Community: Disadvantaged Community
CalEnviroScreen Score: 91-95%
Site History:

This is a site of interest associated with TCE and 1,4-dioxane impacts to Maywood Well No. 7.

Cleanup Sites from GeoTracker Cleanup Sites Data Download - Regulatory Activity

Action Type: RESPONSE
Date: 2017-06-28 00:00:00
Action: Other Report / Document

Action Type: ENFORCEMENT
Date: 2017-03-09 00:00:00
Action: 13267 Requirement - #R4-2017-0054

Cleanup Sites from GeoTracker Cleanup Sites Data Download - Status History

Status: Open - Eligible for Closure
Status Date: 2019-09-12 00:00:00

Status: Open - Case Begin Date
Status Date: 2017-02-16 00:00:00

Status: Pending Review
Status Date: 2017-02-16 00:00:00

Status: Informational Item
Status Date: 2017-02-16 00:00:00

Cleanup Sites from GeoTracker Cleanup Sites Data Download - Regulatory Contacts

Contact Type: Regional Board Caseworker
Contact Name: MAJD NIMA
Phone No: 2135766707
Organization Name: LOS ANGELES RWQCB (REGION 4)
Email: majd.nima@waterboards.ca.gov
Address: 320 W. 4th St Suite 200
City: LOS ANGELES

Cleanup Program Sites from GeoTracker Search - Regulatory Profile (as of May 29, 2021)

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: ALL FILES ARE ON GEOTRACKER OR IN THE LOCAL AGENCY DATABASE
User Defined Beneficial Use:
Designated Beneficial Use: MUN, AGR, IND, PROC
Designated Beneficl Use Desc: Municipal and Domestic Supply, Agricultural Supply, Industrial Service Supply, Industrial Process Supply
Project Oversight Agencies:
Report Link: https://geotracker.waterboards.ca.gov/profile_report?global_id=T10000010143
Cleanup Status Detail: OPEN - ELIGIBLE FOR CLOSURE AS OF 9/12/2019
Potential COC: 1,1,1-TRICHLOROETHANE (TCA), 1,4-DIOXANE, TRICHLOROETHYLENE (TCE)
Potential Media of Concern: NONE SPECIFIED
Groundwater Monitoring Frequen:
DWR GW Sub Basin: Coastal Plain Of Los Angeles - Central (4-011.04)
CalWater Watershed Name: Los Angeles River - Los Angeles (412.10)
Post Closure Site Management:
Future Land Use:
Cleanup Oversight Agencies: LOS ANGELES RWQCB (REGION 4) (LEAD) - CASE #: 1396
CASEWORKER: MAJD NIMA
Cleanup History Link: https://geotracker.waterboards.ca.gov/profile_report_include?global_id=T10000010143&tabname=regulatoryhistory

Site History:

This is a site of interest associated with TCE and 1,4-dioxane impacts to Maywood Well No. 7.

Sites from GeoTracker Search - Regulatory Activities (as of May 29, 2021)

Action Type: Response Requested - Other
Action Date: 6/28/2017
Received Issue Date: 6/28/2017
Action: Other Report / Document
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T10000010143&doc_id=5914733
Title Description Comments:

Response to 13267 CUQ Order.

Action Type: Response Requested - Other
Action Date: 6/28/2017
Received Issue Date: 6/28/2017
Action: Other Report / Document
Doc Link:
Title Description Comments:

Case No. 1396-4925 E. Slauson Avenue-CUQ

Action Type: Enforcement/Orders
Action Date: 3/9/2017
Received Issue Date: 3/9/2017
Action: 13267 Requirement - #R4-2017-0054
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000010143&enforcement_id=6313953&temptable=ENFORCEMENT
Title Description Comments:

REQUIREMENT FOR RESPONSE TO CHEMICAL STORAGE AND USE QUESTIONNAIRE- Cook Induction Heating Co., Inc.

Sites from GeoTracker Search - Documents (as of May 29, 2021)

Document Type: Site Documents
Document Date: 6/28/2017
Size :
Submitted:
Submitted By: MAJD NIMA (REGULATOR)
Title: RESPONSE TO 13267 CUQ ORDER.
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000010143&document_id=5914733
Type: OTHER REPORT / DOCUMENT

Document Type: Site Documents
Document Date: 3/9/2017
Size :
Submitted:
Submitted By: MAJD NIMA (REGULATOR)
Title: REQUIREMENT FOR RESPONSE TO CHEMICAL STORAGE AND USE QUESTIONNAIRE- COOK INDUCTION HEATING CO., INC.
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000010143&enforcement_id=6313953
Type: 13267 REQUIREMENT

Sites from GeoTracker Search - Cleanup Status History (as of May 29, 2021)

Status: Open - Eligible for Closure
Date: 9/12/2019

Status: Open - Case Begin Date
Date: 2/16/2017

Status: Pending Review
Date: 2/16/2017

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Status: Informational Item
Date: 2/16/2017

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69 | **1 of 1** | **WSW** | **0.47 / 2,463.38** | **142.41 / 0** | **COOK INDUCTION HEAT TREATING CO INC**
4925 E SLAUSON AVE
MAYWOOD CA 90270 | **ENVIROSTOR**

Estor/EPA ID: 60001973
Site Code: 301650
Nat Priority List: NO
APN: NONE SPECIFIED
Census Tract: 6037533703
Site Type: EVALUATION
Address Description: 4925 E SLAUSON AVE
Office: CLEANUP CYPRESS
Special Program: EPA - PASI
Funding: EPA GRANT
Assembly District: 63
Senate District: 33
Permit Renewal Lead:
Public Partici Spclst:
Project Manager:
County: LOS ANGELES
Latitude: 33.98624
Longitude: -118.175931
Acres: 0.43 ACRES
Supervisor: EMAD YEMUT
Cleanup Status: NO ACTION REQUIRED AS OF 6/11/2014
Cleanup Oversight Agencies: DTSC - SITE CLEANUP PROGRAM - LEAD AGENCY
School District:
Past Use that Caused Contam: NONE SPECIFIED
Potential Media Affected: SOIL
Potential Contamin of Concern:

1,1,1-TRICHLOROETHANE (TCA)
TPH-MOTOR OIL
TETRACHLOROETHYLENE (PCE)

Site History:

Cook Induction Heating Co (Site) is located at 4925 E. Slauson Avenue, Maywood, California. This facility is currently a metal parts heat treatment facility that has operated from 1993 to present. Formerly, it was an engineering facility and a steel products factory.

Status: NO ACTION REQUIRED
Program Type: EVALUATION
CalEnviroScreen Score: 91-95%
Summary Link: https://www.envirostor.dtsc.ca.gov/public/profile_report?global_id=60001973

Completed Activities

Title: Site Screening Assessment Report
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60001973&enforcement_id=60356527
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: PA/SI Site Screening
Date Completed: 6/24/2014
Comments:

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70 | **1 of 1** | **W** | **0.47 / 2,491.67** | **141.24 / -1** | **EMPTY LOT**
5611 DISTRICT BOULEVARD
VERNON CA 90040 | **ENVIROSTOR**

Estor/EPA ID: 60002605
Site Code: 301812
Nat Priority List: NO
APN: NONE SPECIFIED
Census Tract: 6037532304
Site Type: EVALUATION
Address Description: 5611 DISTRICT BOULEVARD
Office: CLEANUP CHATSWORTH
Special Program: EPA - PASI
Funding: EPA GRANT
Assembly District: , 53
Senate District: , 33
Permit Renewal Lead:
Public Partici Spclst:
Project Manager:
County: LOS ANGELES
Latitude: 33.989421
Longitude: -118.175784
Acres: 1 ACRES
Supervisor:
Cleanup Status: REFER: EPA AS OF 10/23/2018

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: REFER: EPA
Program Type: EVALUATION
CalEnviroScreen Score: 96-100%
Summary Link: https://www.envirostor.dtsc.ca.gov/public/profile_report?global_id=60002605

Completed Activities

Title: Pre-CERCLA Screening Assessment
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60002605&enforcement_id=60460380
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: PA/SI Site Screening
Date Completed: 8/7/2018
Comments:

71	1 of 1	ENE	0.48 / 2,510.93	146.44 / 4	**INLAND CONTAINER CORP** **5991 BANDINI BLVD** **BELL CA 90201**	LUST

Global ID: T0603703963
Status: COMPLETED - CASE CLOSED
Status Date: 5/16/1997
Case Type: LUST CLEANUP SITE
Date Source: LUST Cleanup Sites & Military UST Site from GeoTracker Project Search Results Export; LUST Cleanup Sites & Military UST Site from GeoTracker Cleanup Sites Data Download
County: LOS ANGELES
Latitude: 33.9920587
Longitude: -118.1609929

LUST Cleanup Sites from GeoTracker Cleanup Sites Data Download - Facilities Detail

RB Case No: I-12352
Local Case No:
Begin Date: 7/14/1987
Lead Agency: LOS ANGELES RWQCB (REGION 4)
Local Agency: LOS ANGELES COUNTY
CUF Case: NO
Potential Media of Concern: Soil
How Discovered Description:
Calwater Watershed Name: Los Angeles River - Los Angeles (412.10)
DWR GW Subbasin Name: Coastal Plain Of Los Angeles - Central (4-011.04)
Disadvantaged Community:
Calenviroscreen Score: 96-100% (highest scores)
Site History:
Potential COC: Diesel
How Discovered:
Stop Method:
Stop Description:
Case Worker: YR
File Location:

LUST Cleanup Sites from GeoTracker Cleanup Sites Data Download - Regulatory Activity

Action Type: Other
Date : 5/26/1993
Action: Leak Discovery

Action Type: Other
Date : 7/14/1987
Action: Leak Reported

LUST Cleanup Sites from GeoTracker Cleanup Sites Data Download - Regulatory Contacts

Contact Type: Local Agency Caseworker
Contact Name: JOHN AWUJO
City: ALHAMBRA
Organization Name: LOS ANGELES COUNTY
Address: 900 S FREMONT AVE
Email: jawujo@dpw.lacounty.gov
Phone No: 6264583507

Contact Type: Regional Board Caseworker
Contact Name: YUE RONG
City: Los Angeles
Organization Name: LOS ANGELES RWQCB (REGION 4)
Address: 320 W. 4TH ST., SUITE 200
Email: yrong@waterboards.ca.gov
Phone No:

LUST Cleanup Sites from GeoTracker Cleanup Sites Data Download - Status History

Status: Completed - Case Closed
Status Date: 5/16/1997

Status: Open - Site Assessment
Status Date: 5/26/1993

Status: Open - Case Begin Date
Status Date: 7/14/1987

LUST Sites from GeoTracker Search - Regulatory Profile

Site Facility Name: INLAND CONTAINER CORP
Site Facility Type: LUST CLEANUP SITE
Cleanup Status: COMPLETED - CASE CLOSED
Project Status:
WDR Place Type:
WDR File:
WDR Order:
CUF Priority Assig:
CUF Amount Paid:
File Location:
Potential COC: DIESEL
Facility Type:
Composting Method:
Address: 5991 BANDINI BLVD
City: BELL
Zip: 90201
County: LOS ANGELES
CUF Claim:

Designated Beneficial Use: MUN, AGR, IND, PROC
Project Oversight Agencies:
Report Link: https://geotracker.waterboards.ca.gov/profile_report?global_id=T0603703963
Cleanup Status Detail: COMPLETED - CASE CLOSED AS OF 5/16/1997
Cleanup History Link: https://geotracker.waterboards.ca.gov/profile_report_include?global_id=T0603703963&tabname=regulatoryhistory
Potential Media of Concern: SOIL
User Defined Beneficial Use:
DWR GW Sub Basin: Coastal Plain Of Los Angeles - Central (4-011.04)
Calwater Watershed Name: Los Angeles River - Los Angeles (412.10)
Post Closure Site Management:
Future Land Use:
Cleanup Oversight Agencies: LOS ANGELES RWQCB (REGION 4) (LEAD) - CASE #: I-12352
CASEWORKER: YUE RONG
LOS ANGELES COUNTY
CASEWORKER: JOHN AWUJO
Gndwater Monitoring Freque:
Designated Beneficial Use Desc: Municipal and Domestic Supply, Agricultural Supply, Industrial Service Supply, Industrial Process Supply
Site History:

No site history available

LUST Sites from GeoTracker Search - Cleanup Status History

Status: Completed - Case Closed
Date : 5/16/1997

Status: Open - Site Assessment

Date : 5/26/1993

Status: Open - Case Begin Date
Date : 7/14/1987

LUST Sites from GeoTracker Search - Regulatory Activities (as of May 29, 2021)

Action Type: Leak Action
Action Date: 5/26/1993
Received Issue Date:
Action: Leak Discovery
Doc Link:
Title Description Comments:

Action Type: Leak Action
Action Date: 7/14/1987
Received Issue Date:
Action: Leak Reported
Doc Link:
Title Description Comments:

72	1 of 2	SSW	0.48 / 2,516.74	135.82 / -7	MAGNUS CO INC 6135 DISTRICT BLVD LOS ANGELES CA 90040	ENVIROSTOR

Estor/EPA ID: 19370355
Site Code:
Nat Priority List: NO
APN: NONE SPECIFIED
Census Tract: 6037533703
Site Type: * HISTORICAL
Address Description: 6135 DISTRICT BLVD
Office: CLEANUP CHATSWORTH
Special Program: * RCRA 3012 - PAST HAZ WASTE DISP INVEN SITE
Funding:
Assembly District:
Senate District:
Permit Renewal Lead:
Public Partici Spclst:
Project Manager:
County: LOS ANGELES
Latitude: 33.9809119
Longitude: -118.1708872
Acres: NONE SPECIFIED
Supervisor:
Cleanup Status: REFER: OTHER AGENCY AS OF 12/3/1987
Cleanup Oversight Agencies: NONE SPECIFIED
School District:
Past Use that Caused Contam: NONE SPECIFIED
Potential Media Affected: NONE SPECIFIED
Potential Contamin of Concern:

OTHER INORGANIC SOLID WASTE
OTHER ORGANIC SOLIDS

Site History:

Status: REFER: OTHER AGENCY
Program Type: HISTORICAL
CalEnviroScreen Score: 91-95%
Summary Link: https://www.envirostor.dtsc.ca.gov/public/profile_report?global_id=19370355

Completed Activities

Title: Preliminary Assessment Report
Title Link: https://www.envirostor.dtsc.ca.gov/public/
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Preliminary Assessment Report
Date Completed: 1/27/1984
Comments: FACILITY DRIVE-BY NOW THERMADOR WASTE KING ON SITE. A PART WAREHOUSE. NO PROBLEM

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

OBSERVED(ASAP) SUBMIT TO EPA PRELIM ASSESS DONE RCRA 3012

Title: Discovery
Title Link: https://www.envirostor.dtsc.ca.gov/public/
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: * Discovery
Date Completed: 9/28/1983
Comments: FACILITY IDENTIFIED ID FROM ERRIS

Title: Site Screening
Title Link: https://www.envirostor.dtsc.ca.gov/public/
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Site Screening
Date Completed: 11/7/1994
Comments: DATABASE VALIDATION PROJECT CONFIRMS NFA FOR DTSC.

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72 | ***2 of 2*** | ***SSW*** | ***0.48 / 2,516.74*** | ***135.82 / -7*** | ***MAGNUS CO INC 6135 DISTRICT BLVD LOS ANGELES CA 90040*** | ***CALSITES***

ID No:	19370355	***Assembly:***	
Status Date:	12/03/1987	***Senate:***	
NPL:		***Region:***	3
Tier:		***Region Name:***	BURBANK
Fund:		***County Co:***	19
Access :		***Facility County:***	LOS ANGELES
Access Code:	NOT REPORTED	***Lat Deg:***	0
Cortese:		***Lat Min:***	0
Hrscore:		***Lat Sec:***	0
Hrsdate:		***Lat Dir:***	
Groundwater Contam:		***Long Deg:***	0
GW Code:	NOT REPORTED	***Long Min:***	0
No Sources:	0	***Long Sec:***	0
RWQCB Name:	LOS ANGELES	***Long Dir:***	
Branch Name:	SOUTHERN CA. - A	***Llmethod:***	
Staff:		***Lldesc:***	
Senior:	MMONROY		

Status Name: PROPERTY/SITE REFERRED TO ANOTHER AGENCY
Type Name: N/A
Lead Name: N/A
SIC Name: MANU - TRANSPORTATION EQUIPMENT
Filename:
Comments:

FACILITY IDENTIFIED ID FROM ERRIS FAC TYPE:F BASER,N.L.INDUST,609-443-2411 STORAGE OF DROSSES(LEAD,TIN). PERMIT: IW PERMIT BY CO ENGR-#2461. FOR PRETREATED WASTE TO SEWER ON 5/22/81. SOURCE ACT: LCO ENGR FILE - MFG BEARING FOUNDRY & MACHINE SHOP FACILITY DRIVE-BY NOW THERMADOR WASTE KING ON SITE. A PART WAREHOUSE. NO PROBLEM OBSERVED(ASAP) SUBMIT TO EPA PRELIM ASSESS DONE RCRA 3012 DATABASE VALIDATION PROJECT CONFIRMS NFA FOR DTSC.

Background:

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73 | ***1 of 3*** | ***SSW*** | ***0.48 / 2,518.03*** | ***135.82 / -7*** | ***MAGNUS CO INC 6135 DISTRICT BLVD CITY OF COMMERCE CA 90040*** | ***CERCLIS***

Site ID:	0901790	***RNPL Status Code:***	N
Site EPA ID:	CAD980636211	***NPL Status:***	Not on the NPL
Site Street Address 2:		***RFED Facility Code:***	N
Site County Name:	LOS ANGELES	***RFED Facility Desc:***	Not a Federal Facility
Site FIPS Code:	06037	***USGS Hydro Unit No.:***	18070105

Region Code: 09
Site Cong. Dist. Code: 25
Site SMSA No.: 4480
ROT Desc: Unknown
Site Prim. Latitude: 33D59M18S
FR NPL Update No.:
Site Prim. Longitude: 118D08M30S
RFRA Code:
Lat Long Source:
RNON NPL Status Desc: NFRAP-Site does not qualify for the NPL based on existing information

CERCLIS Assess History

OU ID: 00
RALT Short Name: EPA Fund
Act Code ID: 001
Act Start Date:
RAT Code: DS
Act Complete Date: 6/1/1981 00:00:00
RAT Short Name: DISCVRY
AGT Order No.: 10
RAT Name: DISCOVERY
SH OU:
RAT Hist. Only Flag:
SH Code:
RAT NSI Indicator: B
SH Seq:
RAT Level: 1
SH Start Date:
RAT DEF OU: 00
SH Complete Date:
RFBS Code:
SH Lead:
SPA Code: 13
RAT Def: The process by which a potential hazardous waste site is brought to the attention of the EPA. The process can occur through the use of several mechanisms such as a phone call or referral by another government agency.
Site Desc:
Site Alias:

CERCLIS Assess History

OU ID: 00
RALT Short Name: EPA Fund
Act Code ID: 001
Act Start Date:
RAT Code: PA
Act Complete Date: 2/14/1989 00:00:00
RAT Short Name: PA
AGT Order No.: 130
RAT Name: PRELIMINARY ASSESSMENT
SH OU:
RAT Hist. Only Flag:
SH Code:
RAT NSI Indicator: B
SH Seq:
RAT Level: 1
SH Start Date:
RAT DEF OU: 00
SH Complete Date:
RFBS Code: P
SH Lead:
SPA Code: 13
RAT Def: Collection of diverse existing information about the source and nature of the site hazard. It is EPA policy to complete the preliminary assessment within one year of site discovery.
Site Desc:
Site Alias:

CERCLIS Assess History

OU ID: 00
RALT Short Name: State (Fund)
Act Code ID: 002
Act Start Date: 3/1/1984 00:00:00
RAT Code: PA
Act Complete Date: 7/1/1984 00:00:00
RAT Short Name: PA
AGT Order No.: 130
RAT Name: PRELIMINARY ASSESSMENT
SH OU:
RAT Hist. Only Flag:
SH Code:
RAT NSI Indicator: B
SH Seq:
RAT Level: 1
SH Start Date:
RAT DEF OU: 00
SH Complete Date:
RFBS Code: P
SH Lead:
SPA Code: 13
RAT Def: Collection of diverse existing information about the source and nature of the site hazard. It is EPA policy to complete the preliminary assessment within one year of site discovery.
Site Desc:
Site Alias:

CERCLIS Assess History

OU ID: 00
RALT Short Name: EPA In-House

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Act Code ID:	001	**Act Start Date:**	
RAT Code:	VS	**Act Complete Date:**	2/14/1989 00:00:00
RAT Short Name:	ARCH SITE	**AGT Order No.:**	1500
RAT Name:	ARCHIVE SITE	**SH OU:**	
RAT Hist. Only Flag:		**SH Code:**	
RAT NSI Indicator:	B	**SH Seq:**	
RAT Level:	1	**SH Start Date:**	
RAT DEF OU:	00	**SH Complete Date:**	
RFBS Code:		**SH Lead:**	
SPA Code:	13		

RAT Def: The decision is made that no further activity is planned at the site.
Site Desc:
Site Alias:

CERCLIS Assess History

OU ID:	00	**RALT Short Name:**	
Act Code ID:		**Act Start Date:**	
RAT Code:		**Act Complete Date:**	
RAT Short Name:		**AGT Order No.:**	0
RAT Name:		**SH OU:**	
RAT Hist. Only Flag:		**SH Code:**	
RAT NSI Indicator:		**SH Seq:**	
RAT Level:		**SH Start Date:**	
RAT DEF OU:		**SH Complete Date:**	
RFBS Code:		**SH Lead:**	
SPA Code:			
RAT Def:			

Site Desc: No description available
.
Site Alias: NL INDUSTRIES,P.O. BOX 1090,LOS ANGELES,CA,90040;THERMADOR WASTE KING,,,CA,;

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73 **2 of 3** **SSW** **0.48 / 2,518.03** **135.82 / -7**

MAGNUS CO INC
6135 DISTRICT BLVD
CITY OF COMMERCE CA 90040

CERCLIS NFRAP

Site ID:	901790	**Site FIPS Code:**	6037
Site EPA ID:	CAD980636211	**Region Code:**	9
Site Parent ID:		**Site Cong. Dist. Code:**	25
Site County Name:	LOS ANGELES	**Federal Facility:**	
Parent Site Name:			

CERCLIS-NFRAP Assess History

OU ID:	0	**Act Start Date:**	3/1/1984
Act Code ID:	2	**Act Complete Date:**	7/1/1984
RAT Code:	PA	**AGT Order No.:**	130
RAT Short Name:	PA	**SH OU:**	
RAT Name:	PRELIMINARY ASSESSMENT	**SH Code:**	
RAT Hist. Only Flag:		**SH Seq:**	
RAT NSI Indicator:	B	**SH Start Date:**	
RAT Level:	1	**SH Complete Date:**	
RAT DEF OU:	00	**SH Lead:**	
RFBS Code:	P	**SH Qual:**	
SPA Code:	13	**RAQ Act. Qual Short:**	Low priority
RALT Short Name:	State (Fund)	**RNPL Status Code:**	N

RAT Def: Collection of diverse existing information about the source and nature of the site hazard. It is EPA policy to complete the preliminary assessment within one year of site discovery.
RNON NPL Status Desc: NFRAP-Site does not qualify for the NPL based on existing information

CERCLIS-NFRAP Assess History

OU ID:	0	**Act Start Date:**	
Act Code ID:	1	**Act Complete Date:**	6/1/1981
RAT Code:	DS	**AGT Order No.:**	10

RAT Short Name:	DISCVRY	**SH OU:**	
RAT Name:	DISCOVERY	**SH Code:**	
RAT Hist. Only Flag:		**SH Seq:**	
RAT NSI Indicator:	B	**SH Start Date:**	
RAT Level:	1	**SH Complete Date:**	
RAT DEF OU:	00	**SH Lead:**	
RFBS Code:		**SH Qual:**	
SPA Code:	13	**RAQ Act. Qual Short:**	
RALT Short Name:	EPA Fund	**RNPL Status Code:**	N

RAT Def: The process by which a potential hazardous waste site is brought to the attention of the EPA. The process can occur through the use of several mechanisms such as a phone call or referral by another government agency.

RNON NPL Status Desc: NFRAP-Site does not qualify for the NPL based on existing information

CERCLIS-NFRAP Assess History

OU ID:	0	**Act Start Date:**	
Act Code ID:	1	**Act Complete Date:**	2/14/1989
RAT Code:	VS	**AGT Order No.:**	1500
RAT Short Name:	ARCH SITE	**SH OU:**	
RAT Name:	ARCHIVE SITE	**SH Code:**	
RAT Hist. Only Flag:		**SH Seq:**	
RAT NSI Indicator:	B	**SH Start Date:**	
RAT Level:	1	**SH Complete Date:**	
RAT DEF OU:	00	**SH Lead:**	
RFBS Code:		**SH Qual:**	
SPA Code:	13	**RAQ Act. Qual Short:**	
RALT Short Name:	EPA In-House	**RNPL Status Code:**	N

RAT Def: The decision is made that no further activity is planned at the site.

RNON NPL Status Desc: NFRAP-Site does not qualify for the NPL based on existing information

CERCLIS-NFRAP Assess History

OU ID:	0	**Act Start Date:**	
Act Code ID:	1	**Act Complete Date:**	2/14/1989
RAT Code:	PA	**AGT Order No.:**	130
RAT Short Name:	PA	**SH OU:**	
RAT Name:	PRELIMINARY ASSESSMENT	**SH Code:**	
RAT Hist. Only Flag:		**SH Seq:**	
RAT NSI Indicator:	B	**SH Start Date:**	
RAT Level:	1	**SH Complete Date:**	
RAT DEF OU:	00	**SH Lead:**	
RFBS Code:	P	**SH Qual:**	
SPA Code:	13	**RAQ Act. Qual Short:**	NFRAP
RALT Short Name:	EPA Fund	**RNPL Status Code:**	N

RAT Def: Collection of diverse existing information about the source and nature of the site hazard. It is EPA policy to complete the preliminary assessment within one year of site discovery.

RNON NPL Status Desc: NFRAP-Site does not qualify for the NPL based on existing information

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73 | **3 of 3** | **SSW** | **0.48 / 2,518.03** | **135.82 / -7**

MAGNUS CO INC
6135 DISTRICT BLVD
CITY OF COMMERCE CA 90040

SEMS ARCHIVE

Site ID:	0901790	**FIPS Code:**	06037
EPA ID:	CAD980636211	**Cong District:**	25
Superfund Alt Agmt:	No	**Region:**	09
Federal Facility:	No	**County:**	LOS ANGELES
FF Docket:	No		

NPL: Not on the NPL

Non NPL Status: NFRAP-Site does not qualify for the NPL based on existing information

Action Information

Operable Units:	00	**Start Actual:**	03/01/1984
Action Code:	PA	**Finish Actual:**	07/01/1984
Action Name:	PA	**Qual:**	L

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

SEQ:	2	**Curr Action Lead:**	St Perf
Operable Units:	00	**Start Actual:**	
Action Code:	VS	**Finish Actual:**	02/14/1989
Action Name:	ARCH SITE	**Qual:**	
SEQ:	1	**Curr Action Lead:**	EPA Perf In-Hse
Operable Units:	00	**Start Actual:**	06/01/1981
Action Code:	DS	**Finish Actual:**	06/01/1981
Action Name:	DISCVRY	**Qual:**	
SEQ:	1	**Curr Action Lead:**	EPA Perf
Operable Units:	00	**Start Actual:**	
Action Code:	PA	**Finish Actual:**	02/14/1989
Action Name:	PA	**Qual:**	N
SEQ:	1	**Curr Action Lead:**	EPA Perf

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74 | ***1 of 1*** | ***NW*** | ***0.48 / 2,535.39*** | ***147.41 / 5*** | ***PI BELL PROPERTIES A&B***
5391 RICKENBACKER ROAD
BELL CA 90201 | ***ENVIROSTOR***

Estor/EPA ID:	60002606	**Assembly District:**	63
Site Code:	301815	**Senate District:**	33
Nat Priority List:	NO	**Permit Renewal Lead:**	
APN:	NONE SPECIFIED	**Public Partici Spclst:**	
Census Tract:		**Project Manager:**	
Site Type:	EVALUATION	**County:**	LOS ANGELES
Address Description:	5391 RICKENBACKER ROAD	**Latitude:**	0
Office:	CLEANUP CHATSWORTH	**Longitude:**	0
Special Program:	EPA - PASI	**Acres:**	1 ACRES
Funding:	EPA GRANT	**Supervisor:**	

Cleanup Status: REFER: EPA AS OF 1/30/2020
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: REFER: EPA
Program Type: EVALUATION
CalEnviroScreen Score:
Summary Link: https://www.envirostor.dtsc.ca.gov/public/profile_report?global_id=60002606

Completed Activities

Title: Pre-CERCLA Screening Assessment Report
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60002606&enforcement_id=60460698
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: PA/SI Site Screening
Date Completed: 9/10/2018
Comments: Final Triage Recommendation (US EPA): "Based on the information collected in this screen, there is no actionable data to suggest that TCE is associated with the site, therefore, no further federal action is warranted." Final Site Status: Not a Valid Site

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75 | ***1 of 1*** | ***W*** | ***0.49 / 2,561.19*** | ***143.41 / 1*** | ***Dunn Edwards***
4905 East 52nd Place
VERNON CA 90058 | ***SEMS ARCHIVE***

Site ID:	0900143	**FIPS Code:**	06037

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

EPA ID:	CAN000900143	**Cong District:**	
Superfund Alt Agmt:	No	**Region:**	09
Federal Facility:	No	**County:**	LOS ANGELES
FF Docket:	No		
NPL:	Not on the NPL		
Non NPL Status:	NFRAP-Site does not qualify for the NPL based on existing information		

Action Information

Operable Units:	00	**Start Actual:**	06/16/2015
Action Code:	SI	**Finish Actual:**	08/31/2017
Action Name:	SI	**Qual:**	N
SEQ:	1	**Curr Action Lead:**	EPA Perf
Operable Units:	00	**Start Actual:**	06/30/2014
Action Code:	HX	**Finish Actual:**	06/30/2014
Action Name:	PRE-CERC	**Qual:**	
SEQ:	2	**Curr Action Lead:**	St Perf
Operable Units:	00	**Start Actual:**	10/01/2014
Action Code:	OO	**Finish Actual:**	10/01/2014
Action Name:	SITE REASS	**Qual:**	H
SEQ:	1	**Curr Action Lead:**	St Perf
Operable Units:	00	**Start Actual:**	10/01/2014
Action Code:	PA	**Finish Actual:**	06/16/2015
Action Name:	PA	**Qual:**	H
SEQ:	1	**Curr Action Lead:**	EPA Perf
Operable Units:	00	**Start Actual:**	06/30/2014
Action Code:	DS	**Finish Actual:**	06/30/2014
Action Name:	DISCVRY	**Qual:**	
SEQ:	1	**Curr Action Lead:**	EPA Perf

76	1 of 1	NE	0.49 / 2,575.69	146.69 / 4	**LAIDLAW TRANSIT, INC.** **4702 EASTERN AVE S** **BELL CA 90201**	**LUST**

Global ID:	T0603703950	**County:**	LOS ANGELES
Status:	COMPLETED - CASE CLOSED	**Latitude:**	33.9704932
Status Date:	1/6/1998	**Longitude:**	-118.1756271
Case Type:	LUST CLEANUP SITE		
Date Source:	LUST Cleanup Sites & Military UST Site from GeoTracker Project Search Results Export; LUST Cleanup Sites & Military UST Site from GeoTracker Cleanup Sites Data Download		

LUST Cleanup Sites from GeoTracker Cleanup Sites Data Download - Facilities Detail

RB Case No:	I-12272A	**Potential COC:**	Aviation
Local Case No:		**How Discovered:**	
Begin Date:	1/6/1998	**Stop Method:**	
Lead Agency:	LOS ANGELES COUNTY	**Stop Description:**	
Local Agency:	LOS ANGELES COUNTY	**Case Worker:**	JOA
CUF Case:	NO	**File Location:**	
Potential Media of Concern:	Soil		
How Discovered Description:			
Calwater Watershed Name:	Los Angeles River - Los Angeles (412.10)		
DWR GW Subbasin Name:	Coastal Plain Of Los Angeles - Central (4-011.04)		
Disadvantaged Community:			
Calenviroscreen Score:	91-95%		
Site History:			

LUST Cleanup Sites from GeoTracker Cleanup Sites Data Download - Regulatory Activity

Action Type:	Other

Date : 1/6/1998
Action: Leak Reported

LUST Cleanup Sites from GeoTracker Cleanup Sites Data Download - Regulatory Contacts

Contact Type: Local Agency Caseworker
Contact Name: JOHN AWUJO
City: ALHAMBRA
Organization Name: LOS ANGELES COUNTY
Address: 900 S FREMONT AVE
Email: jawujo@dpw.lacounty.gov
Phone No: 6264583507

Contact Type: Regional Board Caseworker
Contact Name: YUE RONG
City: Los Angeles
Organization Name: LOS ANGELES RWQCB (REGION 4)
Address: 320 W. 4TH ST., SUITE 200
Email: yrong@waterboards.ca.gov
Phone No:

LUST Cleanup Sites from GeoTracker Cleanup Sites Data Download - Status History

Status: Completed - Case Closed
Status Date: 1/6/1998

Status: Open - Case Begin Date
Status Date: 1/6/1998

LUST Sites from GeoTracker Search - Regulatory Profile

Site Facility Name: LAIDLAW TRANSIT, INC.
Site Facility Type: LUST CLEANUP SITE
Cleanup Status: COMPLETED - CASE CLOSED
Project Status:
WDR Place Type:
WDR File:
WDR Order:
CUF Priority Assig:
CUF Amount Paid:
File Location:
Potential COC: AVIATION
Facility Type:
Composting Method:
Address: 4702 EASTERN AVE S
City: BELL
Zip: 90201
County: LOS ANGELES
CUF Claim:
Designated Beneficial Use: MUN, AGR, IND, PROC
Project Oversight Agencies:
Report Link: https://geotracker.waterboards.ca.gov/profile_report?global_id=T0603703950
Cleanup Status Detail: COMPLETED - CASE CLOSED AS OF 1/6/1998
Cleanup History Link: https://geotracker.waterboards.ca.gov/profile_report_include?global_id=T0603703950&tabname=regulatoryhistory
Potential Media of Concern: SOIL
User Defined Beneficial Use:
DWR GW Sub Basin: Coastal Plain Of Los Angeles - Central (4-011.04)
Calwater Watershed Name: Los Angeles River - Los Angeles (412.10)
Post Closure Site Management:
Future Land Use:
Cleanup Oversight Agencies: LOS ANGELES COUNTY (LEAD)
CASEWORKER: JOHN AWUJO
LOS ANGELES RWQCB (REGION 4) - CASE #: I-12272A
CASEWORKER: YUE RONG
Gndwater Monitoring Freque:
Designated Beneficial Use Desc: Municipal and Domestic Supply, Agricultural Supply, Industrial Service Supply, Industrial Process Supply
Site History:

No site history available

LUST Sites from GeoTracker Search - Cleanup Status History

Status: Completed - Case Closed
Date : 1/6/1998

Status: Open - Case Begin Date
Date : 1/6/1998

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

LUST Sites from GeoTracker Search - Regulatory Activities (as of May 29, 2021)

Action Type: Leak Action
Action Date: 1/6/1998
Received Issue Date:
Action: Leak Reported
Doc Link:
Title Description Comments:

77	1 of 2	N	0.49 / 2,577.54	144.41 / 2	TRAMMEL CROW CO. 5550 BANDINI BLVD BELL CA 90201	SML LA

Site ID: SD0010068
Case ID: RO0000577
Status:

77	2 of 2	N	0.49 / 2,577.54	144.41 / 2	TRAMMELL CROW CO. 5550 E. BANDINI BLVD BELL CA 90201	CLEANUP SITES

Global ID: T0603782934
Status: COMPLETED - CASE CLOSED
Status Date: 5/15/1987
Site Facility Type: CLEANUP PROGRAM SITE
Data Source: Cleanup Program Sites from GeoTracker Search; Cleanup Sites from GeoTracker Cleanup Sites Data Download
Latitude: 33.995486
Longitude: -118.166711
County: LOS ANGELES

Cleanup Sites from GeoTracker Cleanup Sites Data Download - Facilities Detail

RB Case No:
Local Case No: 015001-015874
Begin Date: 12/19/1986
File Location:
Lead Agency: LOS ANGELES COUNTY
Local Agency: LOS ANGELES COUNTY
Potential COC: Diesel
Potential Media of Concern: Soil
How Discovered: Tank Closure
How Discovered Description:
Stop Description:
CalWater Watershed Name: Los Angeles River - Los Angeles (412.10)
DWR GW Subbasin Name: Coastal Plain Of Los Angeles - Central (4-011.04)
Disadvantaged Community:
CalEnviroScreen Score: 96-100% (highest scores)
Site History:
Stop Method: Close and Remove Tank
CUF Case: NO
Case Worker: MRR

Cleanup Sites from GeoTracker Cleanup Sites Data Download - Regulatory Activity

Action Type: REMEDIATION
Date: 1987-04-22 00:00:00
Action: Excavation

Action Type: Other
Date: 1987-02-26 00:00:00
Action: Leak Reported

Action Type: Other
Date: 1986-12-19 00:00:00
Action: Leak Discovery

Cleanup Sites from GeoTracker Cleanup Sites Data Download - Status History

Status: Completed - Case Closed
Status Date: 1987-05-15 00:00:00

Status: Open - Site Assessment
Status Date: 1987-05-15 00:00:00

Status: Open - Case Begin Date
Status Date: 1986-12-19 00:00:00

Cleanup Sites from GeoTracker Cleanup Sites Data Download - Regulatory Contacts

Contact Type: Regional Board Caseworker
Contact Name: YUE RONG
Phone No:
Organization Name: LOS ANGELES RWQCB (REGION 4)
Email: yrong@waterboards.ca.gov
Address: 320 W. 4TH ST., SUITE 200
City: Los Angeles

Contact Type: Local Agency Caseworker
Contact Name: MANUEL R REGALADO
Phone No:
Organization Name: LOS ANGELES COUNTY
Email: mregalad@dpw.lacounty.gov
Address: 900 S. FREMONT AVE.
City: ALHAMBRA

Cleanup Program Sites from GeoTracker Search - Regulatory Profile (as of May 29, 2021)

Project Status:
Cuf Claim No:
CUF Priority Assign:
CUF Amount Paid:
Composting Method:
File Location:
User Defined Beneficial Use:
Designated Beneficial Use: MUN, AGR, IND, PROC
Designated Beneficl Use Desc: Municipal and Domestic Supply, Agricultural Supply, Industrial Service Supply, Industrial Process Supply
Project Oversight Agencies:
Report Link: https://geotracker.waterboards.ca.gov/profile_report?global_id=T0603782934
Cleanup Status Detail: COMPLETED - CASE CLOSED AS OF 5/15/1987
Potential COC: DIESEL
Potential Media of Concern: SOIL
Groundwater Monitoring Frequen:
DWR GW Sub Basin: Coastal Plain Of Los Angeles - Central (4-011.04)
CalWater Watershed Name: Los Angeles River - Los Angeles (412.10)
Post Closure Site Management:
Future Land Use:
Cleanup Oversight Agencies: LOS ANGELES COUNTY (LEAD) - CASE #: 015001-015874
CASEWORKER: MANUEL R REGALADO
LOS ANGELES RWQCB (REGION 4)
CASEWORKER: YUE RONG
Cleanup History Link: https://geotracker.waterboards.ca.gov/profile_report_include?global_id=T0603782934&tabname=regulatoryhistory
Site History:

WDR Place Type:
Wdr File No:
Wdr Order No:
Facility Type:

No site history available

Sites from GeoTracker Search - Cleanup Action Report (as of May 29, 2021)

Action Type: EXCAVATION
Phase: Soil
Description: LAND FARMING THEN USED IN ASPHALT MIX FOR PAVING OVER AREA.
Contaminant Mass Removed:
Begin Date: 4/22/1987
End Date: 5/5/1987

Sites from GeoTracker Search - Regulatory Activities (as of May 29, 2021)

Action Type: Cleanup Action
Action Date: 4/22/1987
Received Issue Date:
Action: Excavation
Doc Link:
Title Description Comments:

LAND FARMING THEN USED IN ASPHALT MIX FOR PAVING OVER AREA.

Action Type: Leak Action
Action Date: 2/26/1987
Received Issue Date:
Action: Leak Reported
Doc Link:
Title Description Comments:

Action Type: Leak Action
Action Date: 12/19/1986
Received Issue Date:
Action: Leak Discovery
Doc Link:
Title Description Comments:

Sites from GeoTracker Search - Cleanup Status History (as of May 29, 2021)

Status: Completed - Case Closed
Date: 5/15/1987

Status: Open - Site Assessment
Date: 5/15/1987

Status: Open - Case Begin Date
Date: 12/19/1986

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78 | ***1 of 2*** | ***ESE*** | ***0.50 / 2,641.86*** | ***135.38 / -7*** | ***CHRYSLER MOTORS COMMERCE CA*** | ***ENVIROSTOR***

Estor/EPA ID: 80000998
Site Code:
Nat Priority List: NO
APN: NONE SPECIFIED
Census Tract: 6037532304
Site Type: FUDS
Address Description:
Office: CLEANUP CYPRESS
Special Program:
Funding: DERA
Assembly District: 58
Senate District: 32
Permit Renewal Lead:
Public Partici Spclst:
Project Manager:
County: LOS ANGELES
Latitude: 33.9833333333333
Longitude: -118.158333333333
Acres: 0 ACRES
Supervisor: DOUGLAS BAUTISTA
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: 96-100%

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Summary Link: https://www.envirostor.dtsc.ca.gov/public/profile_report?global_id=80000998

Completed Activities

Title: USACE INPR Summary J0CA735700 15 July 1999
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=80000998&doc_id=5011311
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Inventory Project Report (INPR)
Date Completed: 7/15/1999
Comments:

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78 | ***2 of 2*** | ***ESE*** | ***0.50 / 2,641.86*** | ***135.38 / -7*** | ***CHRYSLER MOTORS COMMERCE CA*** | ***FUDS***

FUDS Property No: J09CA7357
EMS Map Link: https://fudsportal.usace.army.mil/ems/ems/inventory/map/map?id=63093
FUDS INST ID: CA99799FA38500
Status: Properties without projects
SDS ID:
NPL Status Code: Not on the NPL
Eligibility: Ineligible
Site Eligib:
Current Owner:
Has Project: No
DOD FUDS Pro:
Project Required: No
No Further Action:
Congressional District: 40
EPA Region: 09
County: LOS ANGELES
Latitude: 33.98333333
Longitude: -118.15833333
Fiscal year: 2019
USACE Division: SPD
USACE District: Los Angeles District (SPL)
Shape Area:
Shape Len:
Centroid Latitude:
Centroid Longitude:
Media ID:
Metadata ID:
Feature Desc:
Property History: N/A

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79 | ***1 of 2*** | ***SW*** | ***0.51 / 2,695.13*** | ***137.41 / -5*** | ***SOUTH REGION HIGH SCHOOL #8 RANDOLPH STREET MAYWOOD CA 90270*** | ***SCH***

Estor/EPA ID: 60000820
Site Code: 304592
Nat Priority List: NO
Acres: 9.16 ACRES
Special Program:
Funding: SCHOOL DISTRICT
Assembly District: 63
Senate District: 33
Permit Renewal Lead:
Project Manager: AMIT PATHAK
Supervisor: SHAHIR HADDAD
Public Partici Spclst:
Census Tract: 6037533703
County: LOS ANGELES
Latitude: 33.9812
Longitude: -118.1716
School District: LOS ANGELES UNIFIED SCHOOL DISTRICT
APN: NONE SPECIFIED
Cleanup Status: INACTIVE - ACTION REQUIRED AS OF 4/2/2009
Cleanup Oversight Agencies: DTSC - SITE CLEANUP PROGRAM - LEAD AGENCY
Site Type: SCHOOL

Office: SOUTHERN CALIFORNIA SCHOOLS & BROWNFIELDS OUTREACH
Past Use that Caused Contam: MANUFACTURING - LUMBER/WOOD PRODUCTS, MANUFACTURING - METAL, MANUFACTURING - OTHER
Potential Media Affected: SOIL, SOIL VAPOR
Potential Contamin of Concern:

METALS
METHANE
PETROLEUM
VOLATILE ORGANICS (8260B VOCS)

SITE HISTORY:

The Site (approximately 9.16 Acre)is generally bordered by commercial/industrial properties and an abandoned railroad spur to the north, Randolph Street, a railroad track, and Maywood Mutual Water Company (MMWC) No. 3, Plant 4 to the south, District Boulevard to the east, and Walker Avenue to the west in the City of Maywood, Los Angeles County.

DTSC reviewed the scoping document to start an environmental investigation (as part of the PEA Process) for potential contamination such as Total Petroleum Hydrocarbons, Volatile Organic Compounds, methane, hydrogen sulfide and metals (May 2008). LAUSD dropped the Site due to potential contamination and real estate related issues for the Site. Therefore, the Site was closed out (February 2009).

Status: INACTIVE - ACTION REQUIRED
Program Type: SCHOOL INVESTIGATION
CalEnviroScreen Score: 91-95%
Summary Link: https://www.envirostor.dtsc.ca.gov/public/profile_report?global_id=60000820

Completed Activities

Title: Groundwater Investigation Technical Memorandum
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60000820&doc_id=6019645
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Preliminary Endangerment Assessment Workplan
Date Completed: 7/3/2008
Comments: Approved with the comments to be addressed during the field work

Title: Master EOA
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60000820&enforcement_id=6012031
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Master Agreement
Date Completed: 2/21/2008
Comments: Rec'd Phase I for background information in preparation for a project scoping meeting

Title: Phase I
Title Link: https://www.envirostor.dtsc.ca.gov/public/
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Other Report
Date Completed: 2/26/2008
Comments: Phase I is submitted as part of the background information. No determination was necessary.

Title: Scoping Document
Title Link: https://www.envirostor.dtsc.ca.gov/public/
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Preliminary Endangerment Assessment Workplan
Date Completed: 5/12/2008
Comments: DTSC concurred with the Adequacy of the Preliminary Environmental Assessment Scoping document for implementation provided DTSC comments are incorporated in future work/reports.

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
79	2 of 2	SW	0.51 / 2,695.13	137.41 / -5	SOUTH REGION HIGH SCHOOL #8 RANDOLPH STREET MAYWOOD CA 90270	ENVIROSTOR

Estor/EPA ID: 60000820
Site Code: 304592
Nat Priority List: NO
APN: NONE SPECIFIED
Census Tract: 6037533703
Site Type: SCHOOL
Address Description: RANDOLPH STREET
Office: SOUTHERN CALIFORNIA SCHOOLS & BROWNFIELDS OUTREACH
Special Program:
Funding: SCHOOL DISTRICT
Assembly District: 63
Senate District: 33
Permit Renewal Lead:
Public Partici Spclst:
Project Manager: AMIT PATHAK
County: LOS ANGELES
Latitude: 33.9812
Longitude: -118.1716
Acres: 9.16 ACRES
Supervisor: SHAHIR HADDAD
Cleanup Status: INACTIVE - ACTION REQUIRED AS OF 4/2/2009
Cleanup Oversight Agencies: DTSC - SITE CLEANUP PROGRAM - LEAD AGENCY
School District: LOS ANGELES UNIFIED SCHOOL DISTRICT
Past Use that Caused Contam: MANUFACTURING - LUMBER/WOOD PRODUCTS, MANUFACTURING - METAL, MANUFACTURING - OTHER
Potential Media Affected: SOIL, SOIL VAPOR
Potential Contamin of Concern:

METALS
METHANE
PETROLEUM
VOLATILE ORGANICS (8260B VOCS)

Site History:

The Site (approximately 9.16 Acre)is generally bordered by commercial/industrial properties and an abandoned railroad spur to the north, Randolph Street, a railroad track, and Maywood Mutual Water Company (MMWC) No. 3, Plant 4 to the south, District Boulevard to the east, and Walker Avenue to the west in the City of Maywood, Los Angeles County.

DTSC reviewed the scoping document to start an environmental investigation (as part of the PEA Process) for potential contamination such as Total Petroleum Hydrocarbons, Volatile Organic Compounds, methane, hydrogen sulfide and metals (May 2008). LAUSD dropped the Site due to potential contamination and real estate related issues for the Site. Therefore, the Site was closed out (February 2009).

Status: INACTIVE - ACTION REQUIRED
Program Type: SCHOOL INVESTIGATION
CalEnviroScreen Score: 91-95%
Summary Link: https://www.envirostor.dtsc.ca.gov/public/profile_report?global_id=60000820

Completed Activities

Title: Master EOA
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60000820&enforcement_id=6012031
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Master Agreement
Date Completed: 2/21/2008
Comments: Rec'd Phase I for background information in preparation for a project scoping meeting

Title: Groundwater Investigation Technical Memorandum
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60000820&doc_id=6019645
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Preliminary Endangerment Assessment Workplan
Date Completed: 7/3/2008
Comments: Approved with the comments to be addressed during the field work

Title: Scoping Document
Title Link: https://www.envirostor.dtsc.ca.gov/public/
Area Name:

Area Link:
Sub Area:
Sub Area Link:
Document Type: Preliminary Endangerment Assessment Workplan
Date Completed: 5/12/2008
Comments: DTSC concurred with the Adequacy of the Preliminary Environmental Assessment Scoping document for implementation provided DTSC comments are incorporated in future work/reports.

Title: Phase I
Title Link: https://www.envirostor.dtsc.ca.gov/public/
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Other Report
Date Completed: 2/26/2008
Comments: Phase I is submitted as part of the background information. No determination was necessary.

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80 | ***1 of 2*** | ***SSE*** | ***0.53 / 2,796.84*** | ***139.52 / -3*** | ***SOUTHLAND OIL 5619-5621 RANDOLPH STREET COMMERCE CA 90040*** | ***RESPONSE***

Estor/EPA ID: 19290003
Site Code: 300148
Nat Priority List: NO
Acres: 1 ACRES
Special Program:
Funding: ORPHAN FUNDS
Assembly District: 58
Senate District: 32
School District:
Permit Renewal Lead:
Project Manager: AHMAD ABOUGHAIDA
Supervisor: JULI PROPES
Public Partici Spclst:
Census Tract: 6037532304
County: LOS ANGELES
Latitude: 33.9799471686068
Longitude: -118.165162254524
APN: 6332-014-011, 6332014011
Cleanup Status: CERTIFIED / OPERATION & MAINTENANCE AS OF 8/16/2002
Cleanup Oversight Agencies: DTSC - SITE CLEANUP PROGRAM - LEAD AGENCY
Site Type: STATE RESPONSE OR NPL
Office: CLEANUP CHATSWORTH
Past Use that Caused Contam: OIL/WATER SEPARATORS, RECYCLING - OTHER, RECYCLING - USED OIL
Potential Media Affected: AQUIFER USED FOR DRINKING WATER SUPPLY AFFECTED, SOIL, SOIL VAPOR
Potential Contamin of Concern:

1,4-DIOXANE
LEAD
PETROLEUM
POLYCHLORINATED BIPHENYLS (PCBS)
SEMI-VOLATILE ORGANICS (8270 SVOCS)
UNCATEGORIZED
VOLATILE ORGANICS (8260B VOCS)

Site History:

The Southland Oil site (Site) is a former oil refinery which is located on one acre of land in an industrial area of the City of Commerce. The Site has been used for oil related businesses since the 1930's and has been under the ownership of the Ellison family since that time. In 1984, the Department's inspection of the Site revealed several violations of hazardous waste laws including incineration of hazardous wastes without a permit. Later that year, the facility was closed for these violations. A remedial action order was issued in August 1986 to Mr. Ellison to characterize and remediate the Site. In October 1986, the Department made a final determination of noncompliance and assumed responsibility for site characterization and remediation. A removal action (RA) was initiated in April 1989 and involved the removal of all hazardous waste. During the course of this RA, all grossly contaminated production related structures were demolished, and buried pipes and vaults were excavated. This RA was completed in October 1989. In May 1990, a temporary cap was installed over the Site to prevent vertical and offsite migration of soil contaminants and to eliminate direct contact. This cap has effectively stabilized the Site for the short-term, or approximately 7 years. Contaminants that have been identified include heavy petroleum hydrocarbons, polychlorinated biphenyls (PCBs), lead, halogenated hydrocarbons, aromatic and semivolatile compounds. Direct contact with the possible contaminants has been eliminated by the construction of the temporary cap. Potential impacts of contaminants on drinking water supplies is a concern. The health risk assessment had identified that 96% of the carcinogenic direct contact risk was due to the PCBs in one isolated area. This area was near the location of the underground vault and PCBs were found in concentrations up to 1100 ppm. A Removal Action was initiated, in which the Department excavated 280 tons of soil. The solid materials were removed from the Site and disposed at the Kettleman Hills Facility. A deed restriction was signed on 03/19/02. The Site is restricted to industrial use.

A Remedial Action Plan (RAP) was finalized in November, 1996. The remedial actions specified in the RAP included (1) installation and maintenance of a permanent asphalt/ concrete cap over the entire site, (2) installation and operation of a Soil Vapor Extraction (SVE) system to extract volatile organic compound (VOC) vapors in the subsurface underlying the engineered cap from depths between 5 and 40 feet below ground surface (bgs), and (3)

monitoring of groundwater quality.

In 1998, England Geo System (contractor) was awarded a contract to implement the RAP including design and construction of the engineered asphalt/ concrete cap and installation and operation of the SVE system. The engineered cap was installed in December 1999. The SVE system was completed and began operating in January 2001. An Operation and Maintenance (O&M) Plan for cap maintenance and SVE monitoring was put in place in 2001. The contractor performed O&M activities weekly and as needed. DTSC also conducted site inspections annually and as needed.

In 2012, DTSC retained URS to conduct supplemental soil, soil gas, and groundwater sampling to assess the current Site conditions, review historical SVE O&M data to evaluate system performance, conduct an area of influence investigation to evaluate SVE effectiveness, and perform a Human Health Screening Evaluation to evaluate the risk posed by the remaining contaminants of concern (COC) concentrations.

The Supplemental Site Investigation (SSI) concluded that the asphalt cap and SVE system had effectively contained and reduced VOCs in the upper perched (UP) aquifer and prevented their downward migration to the lower perched (LP) and Exposition aquifers. Substantial reductions in VOC concentrations were observed across all media but concentrations still exceeded health risk screening levels for commercial/industrial use in some areas. The SVE system continued to extract high VOC concentrations from several SVE wells.

A Final Supplemental Site Investigation Report (Report) was prepared by URS to address DTSC comments on the draft Report. The final Report incorporated the latest SVE remediation results, and recommended additional Remedial Assessment based on the latest available Site data.

In 2019, DTSC retained Parsons to conduct Remedial Assessment at subject Site. Several damaged and/or dry groundwater monitoring wells were abandoned/destroyed, and replaced by new deeper groundwater monitoring wells. Additionally, several soil vapor probes were installed to replace damaged soil vapor probes. Parsons is currently completing groundwater sampling and soil vapor sampling activities at subject Site.

Status: CERTIFIED / OPERATION & MAINTENANCE - LAND USE RESTRICTIONS
Program Type: STATE RESPONSE
CalEnviroScreen Score: 96-100%
Summary Link: https://www.envirostor.dtsc.ca.gov/public/profile_report?global_id=19290003

Land Use Restrictions

Site Management Requirements: ACTIVITIES PROHIBITED WHICH DISTURB THE REMEDY AND MONITORING SYSTEMS WITHOUT APPROVAL
ASPHALT COVER NOT TO BE DISTURBED WITHOUT APPROVAL
CHECK FOR CRACKS IN FOUNDATION
DAY CARE CENTER PROHIBITED
ELDER CARE CENTER PROHIBITED
HOSPITAL USE PROHIBITED
LAND USE COVENANT
MAINTAIN FENCING TO CONTROL ACCESS
MAINTAIN MONITORING OF GROUNDWATER
NO EXCAVATION OF CONTAMINATED SOILS WITHOUT AGENCY REVIEW AND APPROVAL
NO GROUNDWATER EXTRACTION AT ANY DEPTH WITHOUT APPROVAL
NOTIFY AFTER CHANGE OF PROPERTY OWNER
NOTIFY PRIOR TO CHANGE IN LAND USE
NOTIFY PRIOR TO SUBSURFACE WORK
PUBLIC OR PRIVATE SCHOOL FOR PERSONS UNDER 21 PROHIBITED
REQUIRES SURFACE COVERS
RESIDENCE USE PROHIBITED
Title: Deed Restriction / Land Use Covenant
Title Link: https://www.envirostor.dtsc.ca.gov/public/<_sre.SRE_Match object; span=(0, 143), match='<TD NOWRAP VALIGN=TOP><A TARGET="5490187339" HREF>
Date Recorded: 3/19/2002

Currently Scheduled Activities

Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Site Characterization Report
Due Date: 2/21/2022
Revised Date:

Future Activities

Area Name:

Area Link:
Sub Area:
Sub Area Link:
Document Type: 5 Year Review Reports
Due Date: 2022

Completed Activities

Title: Removal Action Completion Report
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19290003&doc_id=5015160
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Removal Action Completion Report
Date Completed: 7/31/1992
Comments:

Title: Final Groundwater Monitoring Well Destruction Technical Memorandum
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19290003&doc_id=60459180
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Well Decommissioning Report
Date Completed: 11/25/2019
Comments: Completed.

Title: NPDES Permit CAG914001 CI-8152 Order No. R4-2002-0107 dated 09152004
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19290003&doc_id=60267803
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Operation and Maintenance Plan
Date Completed: 9/15/2004
Comments:

Title: Supplemental Soil Gas Investigation and Groundwater Monitoring Well Sampling Plan
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19290003&doc_id=60300717
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Site Characterization Workplan
Date Completed: 11/7/2012
Comments: Final work plan accepted.

Title: 5 YR Review
Title Link: https://www.envirostor.dtsc.ca.gov/public/
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: 5 Year Review Workplan
Date Completed: 2/1/2007
Comments: The Five Year Review concluded that the engineered asphalt cap is in good condition. The SVE system is aging but levels of VOCs are still too high for site closure. Alternative vapor treatment terchnologies will be studied to reduce operating costs.

Title: Discovery
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19290003&enforcement_id=5015166
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: * Discovery
Date Completed: 4/1/1979

Comments: Facility Identified: Eckhardt list. Site operated by Nalco Chemical Co.

Title: Soil Gas Survey
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19290003&doc_id=60189940
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Fieldwork
Date Completed: 5/15/2011
Comments: The report documenting field activities dated March 31, 2011 was submitted to DTSC. It is not clear if the previous PM ever issued comments or approval of the report. The 5 year review should provide a more accurate update on site conditions and future activities.

Title: NPDES Permit CAG994004 CI-8152 Order No. R4-2003-0111 dated 03042008
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19290003&doc_id=60267804
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Operation and Maintenance Plan
Date Completed: 3/4/2008
Comments:

Title: Consent Agreement and Order
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19290003&enforcement_id=60475187
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Consent Agreement
Date Completed: 8/24/1990
Comments:

Title: Soil Vapor Extraction System Progress Report July 8 through October 2, 2013
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19290003&doc_id=60340801
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Technical Report
Date Completed: 10/25/2013
Comments: Completed

Title: Analytical Data and Update
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19290003&doc_id=60312017
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Other Report
Date Completed: 2/12/2013
Comments: Additional investigation is ongoing; SVE pilot test is needed to verify ROI and system efficiency.

Title: SVE System Progress Report
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19290003&doc_id=6028152
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Operation and Maintenance Report
Date Completed: 2/20/2010
Comments: Approved.

Title: Certification with O&M
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19290003&enforcement_id=5015156
Area Name:
Area Link:
Sub Area:

Sub Area Link:
Document Type: Certification
Date Completed: 5/29/2002
Comments: This 1.5 acre site which was a waste oil recycler is certified as meeting RAP remediation goals. Tanks and solid wastes were removed, a cap and a recorded deed restriction is in place, and on SVE system is in O & M.

Title: Preliminary Soil Vapor Data, MIP Data, and Soil Vapor Probe Replacement Memorandum
Title Link: https://www.envirostor.dtsc.ca.gov/public/
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Technical Report
Date Completed: 5/7/2020
Comments: completed.

Title: Orphan Site Designation Memo
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19290003&enforcement_id=60358256
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Orphan Site Designation
Date Completed: 2/18/2016
Comments:

Title: Work Order 1.1 - 11-T1097
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19290003&enforcement_id=60359374
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: State/Federal Funded Site Work Order
Date Completed: 3/1/2013
Comments:

Title: Final Groundwater Monitoring Well Installation Technical Memorandum
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19290003&doc_id=60466975
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Well Completion Report
Date Completed: 2/26/2020
Comments:

Title: Final Supplemental Site Investigation and SVE Remediation Progress Report Update
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19290003&doc_id=60353498
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Site Characterization Report
Date Completed: 3/3/2017
Comments: Completed

Title: NPDES Permit Termination 10072009
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19290003&doc_id=60267807
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Operation and Maintenance Plan
Date Completed: 10/7/2009
Comments:

Title: Remedial or Removal Design
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19290003&doc_id=5014710
Area Name:

Area Link:
Sub Area:
Sub Area Link:
Document Type: Design/Implementation Workplan
Date Completed: 10/6/1999
Comments: The Remedial Design for an engineered asphalt/concrete cap and a soil vapor extraction system was approved for this state orphan site.

Title: Removal Action Completion Report
Title Link: https://www.envirostor.dtsc.ca.gov/public/
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Removal Action Completion Report
Date Completed: 3/6/1991
Comments:

Title: SCAQMD Permit ID 163978 dated 07082010
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19290003&doc_id=60267809
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Operation and Maintenance Plan
Date Completed: 7/8/2010
Comments:

Title: Conceptual Site Model Update
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19290003&doc_id=60478235
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Technical Report
Date Completed: 3/18/2021
Comments:

Title: LNAPL, Soil Vapor and Groundwater Investigation Workplan
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19290003&doc_id=60433963
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Site Characterization Workplan
Date Completed: 1/8/2020
Comments: COMPLETED

Title: NPDES Permit CAG994004 CL-8152 Order R4-2008-0032 dated 08262008
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19290003&doc_id=60267805
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Operation and Maintenance Plan
Date Completed: 8/26/2008
Comments:

Title: Soil Gas Survey
Title Link: https://www.envirostor.dtsc.ca.gov/public/
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Monitoring Report
Date Completed: 10/5/2007
Comments: A soil gas survey was completed which showed that VOCs from Southland have migrated from Southland to the neighboring former Cognis facility. Concentrations of VOCs on the Southland property have decreased to levels close to cleanup levels.

Title: Work Order A3 - 11-T1097
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19290003&enforcement_id=60394158
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: State/Federal Funded Site Work Order
Date Completed: 6/19/2015
Comments:

Title: Community Relations Plan 12231987
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19290003&doc_id=60284528
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Public Participation Plan / Community Relations Plan
Date Completed: 12/23/1987
Comments:

Title: Order
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19290003&enforcement_id=5015165
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Unilateral Order (I/SE, RAO, CAO, EPA AO)
Date Completed: 8/30/1986
Comments:

Title: SVE System Changeover to GAC
Title Link: https://www.envirostor.dtsc.ca.gov/public/
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Fieldwork
Date Completed: 9/18/2009
Comments: Change completed.

Title: Work Order 1 - 11-T1097
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19290003&enforcement_id=60359407
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: State/Federal Funded Site Work Order
Date Completed: 6/27/2012
Comments:

Title: SVE System Status Report
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19290003&doc_id=6017912
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Operation and Maintenance Report
Date Completed: 5/1/2008
Comments: SVE system operating normally. Benzene & vinyl chloride concentrations still high.

Title: Work Order 2 - 11-T1097
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19290003&enforcement_id=60359351
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: State/Federal Funded Site Work Order
Date Completed: 7/18/2013

Comments:

Title: LUR Site Inspection/Visit
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19290003&enforcement_id=6017343
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Land Use Restriction - Site Inspection/Visit
Date Completed: 2/10/2010
Comments: Conditions of deed restriction being followed.

Title: Deed Restriction / Land Use Covenant
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19290003&enforcement_id=5012129
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Land Use Restriction
Date Completed: 3/19/2002
Comments: The use of this 1 1/2 acre property is restricted to commercial/ industrial use. Further, the engineered asphalt/concrete cap and operating SVE system cannot be distrurbed.

Title: NPDES Permit CAG914001 CI-8152 Order No. 97-044 dated 06262000
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19290003&doc_id=60267802
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Operation and Maintenance Plan
Date Completed: 6/26/2000
Comments:

Title: Remedial Investigation / Feasibility Study
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19290003&doc_id=5015158
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Remedial Investigation / Feasibility Study
Date Completed: 3/2/1993
Comments: The Feasibility Study was completed.

Title: Five Year Review Report
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19290003&doc_id=60291571
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: 5 Year Review Reports
Date Completed: 4/18/2012
Comments:

Title: Remedial Action Plan
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19290003&doc_id=5015157
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Remedial Action Plan
Date Completed: 11/21/1996
Comments: Oil recycler. Contaminants include oil, metals, acetone, benzene, and chlorinated hydrocarbons.

Title: Remedial Assessment Work Plan
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19290003&doc_id=60372606
Area Name:
Area Link:
Sub Area:
Sub Area Link:

Document Type: Site Characterization Workplan
Date Completed: 8/25/2017
Comments:

Title: Long-Term Site Stabilization Certification
Title Link: https://www.envirostor.dtsc.ca.gov/public/
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Other Report
Date Completed: 5/30/1990
Comments: Removal Action: Temporary cap.

Title: Work Order for Contract # 16-T4260 Amendment # 4
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19290003&enforcement_id=60467018
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: State/Federal Funded Site Work Order
Date Completed: 7/10/2020
Comments: COMPLETED

Title: Supplemental Soil Gas Investigation and Groundwater Monitoring Well Sampling Plan Implementation
Title Link: https://www.envirostor.dtsc.ca.gov/public/
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Fieldwork
Date Completed: 11/7/2012
Comments: Field Work was completed on 9/30/2012

Title: CEQA
Title Link: https://www.envirostor.dtsc.ca.gov/public/
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: CEQA - Initial Study/ Neg. Declaration
Date Completed: 11/21/1996
Comments:

Title: Vapor Extraction Well Workplan
Title Link: https://www.envirostor.dtsc.ca.gov/public/
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Well Installation Workplan
Date Completed: 11/8/2007
Comments: A workplan to install an additional vapor extraction well diretcly adjacent to the former Cognis facility was approved. This well will remove VOCs that have migrated from the Southland property.

Title: SVE System Status Report
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19290003&doc_id=6015237
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Operation and Maintenance Report
Date Completed: 5/10/2007
Comments: The report detailed the status of the VOC removal. DTSC approves the report and based on the data presented, will schedule a soil gas survey to determine soil vapor concentrations.

Title: Remedial Assessment Report
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19290003&doc_id=60372626
Area Name:

Area Link:
Sub Area:
Sub Area Link:
Document Type: Site Characterization Report
Date Completed: 6/14/2019
Comments:

Title: Start Work Order for Contract # 16-T4260
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19290003&enforcement_id=60451809
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: State/Federal Funded Site Work Order
Date Completed: 2/14/2019
Comments: Completed.

Title: Remedial Action Completion or Implementation
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19290003&doc_id=5014709
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Remedial Action Completion Report
Date Completed: 5/20/2001
Comments: RMDL - The implementation of the RAP for the Southland site has completed. An engineered asphalt cap placed on this 2 acre site and a dual-phase soil vapor extraction system installed to remove VOC's in soil and in perched water.

Title: Removal Action Completion Report
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19290003&doc_id=5015162
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Removal Action Completion Report
Date Completed: 3/6/1991
Comments:

Title: Final Determination of non-compliance
Title Link: https://www.envirostor.dtsc.ca.gov/public/
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Final Determination of Non-Compliance
Date Completed: 10/31/1986
Comments:

Title: Resource Estimation Worksheet for FY 20/21
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19290003&enforcement_id=60489050
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Annual Oversight Cost Estimate
Date Completed: 10/1/2020
Comments: COMPLETED

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80 | ***2 of 2*** | ***SSE*** | ***0.53 / 2,796.84*** | ***139.52 / -3*** | ***SOUTHLAND OIL 5619-5621 RANDOLPH STREET COMMERCE CA 90040*** | ***ENVIROSTOR***

Estor/EPA ID: 19290003
Site Code: 300148
Nat Priority List: NO
APN: 6332-014-011, 6332014011
Census Tract: 6037532304
Assembly District: 58
Senate District: 32
Permit Renewal Lead:
Public Partici Spclst:
Project Manager: AHMAD ABOUGHAIDA

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Site Type:	STATE RESPONSE OR NPL	***County:***	LOS ANGELES
Address Description:	5619-5621 RANDOLPH STREET	***Latitude:***	33.9799471686068
Office:	CLEANUP CHATSWORTH	***Longitude:***	-118.165162254524
Special Program:		***Acres:***	1 ACRES
Funding:	ORPHAN FUNDS	***Supervisor:***	JULI PROPES

Cleanup Status: CERTIFIED / OPERATION & MAINTENANCE AS OF 8/16/2002
Cleanup Oversight Agencies: DTSC - SITE CLEANUP PROGRAM - LEAD AGENCY
School District:
Past Use that Caused Contam: OIL/WATER SEPARATORS, RECYCLING - OTHER, RECYCLING - USED OIL
Potential Media Affected: AQUIFER USED FOR DRINKING WATER SUPPLY AFFECTED, SOIL, SOIL VAPOR
Potential Contamin of Concern:

1,4-DIOXANE
LEAD
PETROLEUM
POLYCHLORINATED BIPHENYLS (PCBS)
SEMI-VOLATILE ORGANICS (8270 SVOCS)
UNCATEGORIZED
VOLATILE ORGANICS (8260B VOCS)

Site History:

The Southland Oil site (Site) is a former oil refinery which is located on one acre of land in an industrial area of the City of Commerce. The Site has been used for oil related businesses since the 1930's and has been under the ownership of the Ellison family since that time. In 1984, the Department's inspection of the Site revealed several violations of hazardous waste laws including incineration of hazardous wastes without a permit. Later that year, the facility was closed for these violations. A remedial action order was issued in August 1986 to Mr. Ellison to characterize and remediate the Site. In October 1986, the Department made a final determination of noncompliance and assumed responsibility for site characterization and remediation. A removal action (RA) was initiated in April 1989 and involved the removal of all hazardous waste. During the course of this RA, all grossly contaminated production related structures were demolished, and buried pipes and vaults were excavated. This RA was completed in October 1989. In May 1990, a temporary cap was installed over the Site to prevent vertical and offsite migration of soil contaminants and to eliminate direct contact. This cap has effectively stabilized the Site for the short-term, or approximately 7 years. Contaminants that have been identified include heavy petroleum hydrocarbons, polychlorinated biphenyls (PCBs), lead, halogenated hydrocarbons, aromatic and semivolatile compounds. Direct contact with the possible contaminants has been eliminated by the construction of the temporary cap. Potential impacts of contaminants on drinking water supplies is a concern. The health risk assessment had identified that 96% of the carcinogenic direct contact risk was due to the PCBs in one isolated area. This area was near the location of the underground vault and PCBs were found in concentrations up to 1100 ppm. A Removal Action was initiated, in which the Department excavated 280 tons of soil. The solid materials were removed from the Site and disposed at the Kettleman Hills Facility. A deed restriction was signed on 03/19/02. The Site is restricted to industrial use.

A Remedial Action Plan (RAP) was finalized in November, 1996. The remedial actions specified in the RAP included (1) installation and maintenance of a permanent asphalt/ concrete cap over the entire site, (2) installation and operation of a Soil Vapor Extraction (SVE) system to extract volatile organic compound (VOC) vapors in the subsurface underlying the engineered cap from depths between 5 and 40 feet below ground surface (bgs), and (3) monitoring of groundwater quality.

In 1998, England Geo System (contractor) was awarded a contract to implement the RAP including design and construction of the engineered asphalt/ concrete cap and installation and operation of the SVE system. The engineered cap was installed in December 1999. The SVE system was completed and began operating in January 2001. An Operation and Maintenance (O&M) Plan for cap maintenance and SVE monitoring was put in place in 2001. The contractor performed O&M activities weekly and as needed. DTSC also conducted site inspections annually and as needed.

In 2012, DTSC retained URS to conduct supplemental soil, soil gas, and groundwater sampling to assess the current Site conditions, review historical SVE O&M data to evaluate system performance, conduct an area of influence investigation to evaluate SVE effectiveness, and perform a Human Health Screening Evaluation to evaluate the risk posed by the remaining contaminants of concern (COC) concentrations.

The Supplemental Site Investigation (SSI) concluded that the asphalt cap and SVE system had effectively contained and reduced VOCs in the upper perched (UP) aquifer and prevented their downward migration to the lower perched (LP) and Exposition aquifers. Substantial reductions in VOC concentrations were observed across all media but concentrations still exceeded health risk screening levels for commercial/industrial use in some areas. The SVE system continued to extract high VOC concentrations from several SVE wells.

A Final Supplemental Site Investigation Report (Report) was prepared by URS to address DTSC comments on the draft Report. The final Report incorporated the latest SVE remediation results, and recommended additional Remedial Assessment based on the latest available Site data.

In 2019, DTSC retained Parsons to conduct Remedial Assessment at subject Site. Several damaged and/or dry groundwater monitoring wells were abandoned/destroyed, and replaced by new deeper groundwater monitoring wells. Additionally, several soil vapor probes were installed to replace damaged soil vapor probes. Parsons is currently completing groundwater sampling and soil vapor sampling activities at subject Site.

Status: CERTIFIED / OPERATION & MAINTENANCE - LAND USE RESTRICTIONS
Program Type: STATE RESPONSE
CalEnviroScreen Score: 96-100%
Summary Link: https://www.envirostor.dtsc.ca.gov/public/profile_report?global_id=19290003

Land Use Restrictions

Site Management Requirements:
ACTIVITIES PROHIBITED WHICH DISTURB THE REMEDY AND MONITORING SYSTEMS WITHOUT APPROVAL
ASPHALT COVER NOT TO BE DISTURBED WITHOUT APPROVAL
CHECK FOR CRACKS IN FOUNDATION
DAY CARE CENTER PROHIBITED
ELDER CARE CENTER PROHIBITED
HOSPITAL USE PROHIBITED
LAND USE COVENANT
MAINTAIN FENCING TO CONTROL ACCESS
MAINTAIN MONITORING OF GROUNDWATER
NO EXCAVATION OF CONTAMINATED SOILS WITHOUT AGENCY REVIEW AND APPROVAL
NO GROUNDWATER EXTRACTION AT ANY DEPTH WITHOUT APPROVAL
NOTIFY AFTER CHANGE OF PROPERTY OWNER
NOTIFY PRIOR TO CHANGE IN LAND USE
NOTIFY PRIOR TO SUBSURFACE WORK
PUBLIC OR PRIVATE SCHOOL FOR PERSONS UNDER 21 PROHIBITED
REQUIRES SURFACE COVERS
RESIDENCE USE PROHIBITED
Title: Deed Restriction / Land Use Covenant
Title Link: https://www.envirostor.dtsc.ca.gov/public/<_sre.SRE_Match object; span=(0, 143), match='<TD NOWRAP VALIGN=TOP><A TARGET="5490187339" HREF>
Date Recorded: 3/19/2002

Currently Scheduled Activities

Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Site Characterization Report
Due Date: 2/21/2022
Revised Date:

Future Activities

Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: 5 Year Review Reports
Due Date: 2022

Completed Activities

Title: Final Groundwater Monitoring Well Installation Technical Memorandum
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19290003&doc_id=60466975
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Well Completion Report
Date Completed: 2/26/2020
Comments:

Title: Final Supplemental Site Investigation and SVE Remediation Progress Report Update
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19290003&doc_id=60353498
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Site Characterization Report
Date Completed: 3/3/2017
Comments: Completed

Title: NPDES Permit Termination 10072009
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19290003&doc_id=60267807
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Operation and Maintenance Plan
Date Completed: 10/7/2009
Comments:

Title: NPDES Permit CAG994004 CI-8152 Order No. R4-2003-0111 dated 03042008
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19290003&doc_id=60267804
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Operation and Maintenance Plan
Date Completed: 3/4/2008
Comments:

Title: Soil Gas Survey
Title Link: https://www.envirostor.dtsc.ca.gov/public/
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Monitoring Report
Date Completed: 10/5/2007
Comments: A soil gas survey was completed which showed that VOCs from Southland have migrated from Southland to the neighboring former Cognis facility. Concentrations of VOCs on the Southland property have decreased to levels close to cleanup levels.

Title: Remedial Investigation / Feasibility Study
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19290003&doc_id=5015158
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Remedial Investigation / Feasibility Study
Date Completed: 3/2/1993
Comments: The Feasibility Study was completed.

Title: Consent Agreement and Order
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19290003&enforcement_id=60475187
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Consent Agreement
Date Completed: 8/24/1990
Comments:

Title: Discovery
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19290003&enforcement_id=5015166
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: * Discovery
Date Completed: 4/1/1979
Comments: Facility Identified: Eckhardt list. Site operated by Nalco Chemical Co.

Title: Work Order A3 - 11-T1097
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19290003&enforcement_id=60394158
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: State/Federal Funded Site Work Order

Date Completed: 6/19/2015
Comments:

Title: Soil Vapor Extraction System Progress Report July 8 through October 2, 2013
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19290003&doc_id=60340801
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Technical Report
Date Completed: 10/25/2013
Comments: Completed

Title: Work Order 2 - 11-T1097
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19290003&enforcement_id=60359351
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: State/Federal Funded Site Work Order
Date Completed: 7/18/2013
Comments:

Title: Soil Gas Survey
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19290003&doc_id=60189940
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Fieldwork
Date Completed: 5/15/2011
Comments: The report documenting field activities dated March 31, 2011 was submitted to DTSC. It is not clear if the previous PM ever issued comments or approval of the report. The 5 year review should provide a more accurate update on site conditions and future activities.

Title: Remedial or Removal Design
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19290003&doc_id=5014710
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Design/Implementation Workplan
Date Completed: 10/6/1999
Comments: The Remedial Design for an engineered asphalt/concrete cap and a soil vapor extraction system was approved for this state orphan site.

Title: CEQA
Title Link: https://www.envirostor.dtsc.ca.gov/public/
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: CEQA - Initial Study/ Neg. Declaration
Date Completed: 11/21/1996
Comments:

Title: Remedial Action Plan
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19290003&doc_id=5015157
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Remedial Action Plan
Date Completed: 11/21/1996
Comments: Oil recycler. Contaminants include oil, metals, acetone, benzene, and chlorinated hydrocarbons.

Title: Work Order 1.1 - 11-T1097
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19290003&enforcement_id=60359374
Area Name:

Area Link:
Sub Area:
Sub Area Link:
Document Type: State/Federal Funded Site Work Order
Date Completed: 3/1/2013
Comments:

Title: Analytical Data and Update
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19290003&doc_id=60312017
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Other Report
Date Completed: 2/12/2013
Comments: Additional investigation is ongoing; SVE pilot test is needed to verify ROI and system efficiency.

Title: LUR Site Inspection/Visit
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19290003&enforcement_id=6017343
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Land Use Restriction - Site Inspection/Visit
Date Completed: 2/10/2010
Comments: Conditions of deed restriction being followed.

Title: Vapor Extraction Well Workplan
Title Link: https://www.envirostor.dtsc.ca.gov/public/
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Well Installation Workplan
Date Completed: 11/8/2007
Comments: A workplan to install an additional vapor extraction well diretcly adjacent to the former Cognis facility was approved. This well will remove VOCs that have migrated from the Southland property.

Title: SVE System Status Report
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19290003&doc_id=6015237
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Operation and Maintenance Report
Date Completed: 5/10/2007
Comments: The report detailed the status of the VOC removal. DTSC approves the report and based on the data presented, will schedule a soil gas survey to determine soil vapor concentrations.

Title: Remedial Assessment Report
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19290003&doc_id=60372626
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Site Characterization Report
Date Completed: 6/14/2019
Comments:

Title: Start Work Order for Contract # 16-T4260
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19290003&enforcement_id=60451809
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: State/Federal Funded Site Work Order
Date Completed: 2/14/2019
Comments: Completed.

Title: Deed Restriction / Land Use Covenant
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19290003&enforcement_id=5012129
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Land Use Restriction
Date Completed: 3/19/2002
Comments: The use of this 1 1/2 acre property is restricted to commercial/ industrial use. Further, the engineered asphalt/concrete cap and operating SVE system cannot be distrurbed.

Title: Remedial Action Completion or Implementation
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19290003&doc_id=5014709
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Remedial Action Completion Report
Date Completed: 5/20/2001
Comments: RMDL - The implementation of the RAP for the Southland site has completed. An engineered asphalt cap placed on this 2 acre site and a dual-phase soil vapor extraction system installed to remove VOC's in soil and in perched water.

Title: Removal Action Completion Report
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19290003&doc_id=5015160
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Removal Action Completion Report
Date Completed: 7/31/1992
Comments:

Title: Removal Action Completion Report
Title Link: https://www.envirostor.dtsc.ca.gov/public/
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Removal Action Completion Report
Date Completed: 3/6/1991
Comments:

Title: Community Relations Plan 12231987
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19290003&doc_id=60284528
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Public Participation Plan / Community Relations Plan
Date Completed: 12/23/1987
Comments:

Title: Order
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19290003&enforcement_id=5015165
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Unilateral Order (I/SE, RAO, CAO, EPA AO)
Date Completed: 8/30/1986
Comments:

Title: Resource Estimation Worksheet for FY 20/21
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19290003&enforcement_id=60489050
Area Name:
Area Link:
Sub Area:
Sub Area Link:

Document Type: Annual Oversight Cost Estimate
Date Completed: 10/1/2020
Comments: COMPLETED

Title: SCAQMD Permit ID 163978 dated 07082010
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19290003&doc_id=60267809
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Operation and Maintenance Plan
Date Completed: 7/8/2010
Comments:

Title: SVE System Changeover to GAC
Title Link: https://www.envirostor.dtsc.ca.gov/public/
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Fieldwork
Date Completed: 9/18/2009
Comments: Change completed.

Title: NPDES Permit CAG914001 CI-8152 Order No. 97-044 dated 06262000
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19290003&doc_id=60267802
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Operation and Maintenance Plan
Date Completed: 6/26/2000
Comments:

Title: Removal Action Completion Report
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19290003&doc_id=5015162
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Removal Action Completion Report
Date Completed: 3/6/1991
Comments:

Title: Remedial Assessment Work Plan
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19290003&doc_id=60372606
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Site Characterization Workplan
Date Completed: 8/25/2017
Comments:

Title: SVE System Progress Report
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19290003&doc_id=6028152
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Operation and Maintenance Report
Date Completed: 2/20/2010
Comments: Approved.

Title: Long-Term Site Stabilization Certification
Title Link: https://www.envirostor.dtsc.ca.gov/public/
Area Name:
Area Link:
Sub Area:

Sub Area Link:
Document Type: Other Report
Date Completed: 5/30/1990
Comments: Removal Action: Temporary cap.

Title: Conceptual Site Model Update
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19290003&doc_id=60478235
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Technical Report
Date Completed: 3/18/2021
Comments:

Title: Final Groundwater Monitoring Well Destruction Technical Memorandum
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19290003&doc_id=60459180
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Well Decommissioning Report
Date Completed: 11/25/2019
Comments: Completed.

Title: Work Order 1 - 11-T1097
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19290003&enforcement_id=60359407
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: State/Federal Funded Site Work Order
Date Completed: 6/27/2012
Comments:

Title: Five Year Review Report
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19290003&doc_id=60291571
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: 5 Year Review Reports
Date Completed: 4/18/2012
Comments:

Title: SVE System Status Report
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19290003&doc_id=6017912
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Operation and Maintenance Report
Date Completed: 5/1/2008
Comments: SVE system operating normally. Benzene & vinyl chloride concentrations still high.

Title: NPDES Permit CAG914001 CI-8152 Order No. R4-2002-0107 dated 09152004
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19290003&doc_id=60267803
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Operation and Maintenance Plan
Date Completed: 9/15/2004
Comments:

Title: Certification with O&M
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19290003&enforcement_id=5015156
Area Name:
Area Link:

Sub Area:
Sub Area Link:
Document Type: Certification
Date Completed: 5/29/2002
Comments: This 1.5 acre site which was a waste oil recycler is certified as meeting RAP remediation goals. Tanks and solid wastes were removed, a cap and a recorded deed restriction is in place, and on SVE system is in O & M.

Title: Work Order for Contract # 16-T4260 Amendment # 4
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19290003&enforcement_id=60467018
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: State/Federal Funded Site Work Order
Date Completed: 7/10/2020
Comments: COMPLETED

Title: Preliminary Soil Vapor Data, MIP Data, and Soil Vapor Probe Replacement Memorandum
Title Link: https://www.envirostor.dtsc.ca.gov/public/
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Technical Report
Date Completed: 5/7/2020
Comments: completed.

Title: LNAPL, Soil Vapor and Groundwater Investigation Workplan
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19290003&doc_id=60433963
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Site Characterization Workplan
Date Completed: 1/8/2020
Comments: COMPLETED

Title: Orphan Site Designation Memo
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19290003&enforcement_id=60358256
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Orphan Site Designation
Date Completed: 2/18/2016
Comments:

Title: Supplemental Soil Gas Investigation and Groundwater Monitoring Well Sampling Plan
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19290003&doc_id=60300717
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Site Characterization Workplan
Date Completed: 11/7/2012
Comments: Final work plan accepted.

Title: Supplemental Soil Gas Investigation and Groundwater Monitoring Well Sampling Plan Implementation
Title Link: https://www.envirostor.dtsc.ca.gov/public/
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Fieldwork
Date Completed: 11/7/2012
Comments: Field Work was completed on 9/30/2012

Title: NPDES Permit CAG994004 CL-8152 Order R4-2008-0032 dated 08262008
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19290003&doc_id=60267805

Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Operation and Maintenance Plan
Date Completed: 8/26/2008
Comments:

Title: 5 YR Review
Title Link: https://www.envirostor.dtsc.ca.gov/public/
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: 5 Year Review Workplan
Date Completed: 2/1/2007
Comments: The Five Year Review concluded that the engineered asphalt cap is in good condition. The SVE system is aging but levels of VOCs are still too high for site closure. Alternative vapor treatment terchnologies will be studied to reduce operating costs.

Title: Final Determination of non-compliance
Title Link: https://www.envirostor.dtsc.ca.gov/public/
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Final Determination of Non-Compliance
Date Completed: 10/31/1986
Comments:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
81	1 of 2	NNW	0.55 / 2,886.82	146.41 / 4	USARC BELL BELL CA	ENVIROSTOR

Estor/EPA ID: 80000494
Site Code:
Nat Priority List: NO
APN: NONE SPECIFIED
Census Tract: 6037532304
Site Type: FUDS
Address Description:
Office: CLEANUP CYPRESS
Special Program:
Funding: DERA
Assembly District: 63
Senate District: 33
Permit Renewal Lead:
Public Partici Spclst:
Project Manager:
County: LOS ANGELES
Latitude: 33.9958333333333
Longitude: -118.170833333333
Acres: 0 ACRES
Supervisor: DOUGLAS BAUTISTA
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: 96-100%
Summary Link: https://www.envirostor.dtsc.ca.gov/public/profile_report?global_id=80000494

Completed Activities

Title: USACE INPR Summary J0CA066000 8 May 1995
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=80000494&doc_id=5011041
Area Name:
Area Link:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Sub Area:
Sub Area Link:
Document Type: Inventory Project Report (INPR)
Date Completed: 5/8/1995
Comments:

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81 | **2 of 2** | **NNW** | **0.55 / 2,886.82** | **146.41 / 4** | **USARC BELL**

BELL CA

FUDS

FUDS Property No: J09CA0660
EMS Map Link: https://fudsportal.usace.army.mil/ems/ems/inventory/map/map?id=61205
FUDS INST ID: CA99799F564700
Status: Properties without projects
SDS ID:
NPL Status Code: Not on the NPL
Eligibility: Eligible
Site Eligib:
Current Owner:
Has Project: No
DOD FUDS Pro:
Project Required: No
No Further Action:
Congressional District: 40
EPA Region: 09
County: LOS ANGELES
Latitude: 33.99583333
Longitude: -118.17083333
Fiscal year: 2019
USACE Division: SPD
USACE District: Los Angeles District (SPL)
Shape Area:
Shape Len:
Centroid Latitude:
Centroid Longitude:
Media ID:
Metadata ID:
Feature Desc:
Property History: N/A

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82 | **1 of 1** | **W** | **0.58 / 3,046.44** | **146.41 / 4** | **SAINT-GOBAIN CONTAINERS, LLC.**
4855 E. 52ND PLACE
LOS ANGELES CA 90040

ENVIROSTOR

Estor/EPA ID: 71003505
Site Code:
Nat Priority List: NO
APN: NONE SPECIFIED
Census Tract: 6037532304
Site Type: TIERED PERMIT
Address Description: 4855 E. 52ND PLACE
Office: CLEANUP CHATSWORTH
Special Program:
Funding:
Cleanup Status: REFER: OTHER AGENCY AS OF
Cleanup Oversight Agencies: NONE SPECIFIED
School District:
Past Use that Caused Contam: NONE SPECIFIED
Potential Media Affected: NONE SPECIFIED
Potential Contamin of Concern:

NONE SPECIFIED

Assembly District: 53
Senate District: 33
Permit Renewal Lead:
Public Partici Spclst:
Project Manager:
County: LOS ANGELES
Latitude: 33.9892899
Longitude: -118.177137
Acres: NONE SPECIFIED
Supervisor:

Site History:

Facility Comments: Name change only effective on 9/15/00 from Ball-Foster Glass Container Co., L.L.C. to Saint-Gobain Containers, L.L.C.-10/24/00-

bcg.

Status: REFER: OTHER AGENCY
Program Type: TIERED PERMIT
CalEnviroScreen Score: 96-100%
Summary Link: https://www.envirostor.dtsc.ca.gov/public/profile_report?global_id=71003505

Completed Activities

Title: USEPA Preliminary Assessment
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=71003505&doc_id=60417515
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Technical Report
Date Completed: 9/16/2016
Comments: USEPA transmitted to DTSC a Preliminary Assessment Report for the Site indicating USEPA had determined that no further federal action is warranted for the Site.

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83 | ***1 of 1*** | ***WNW*** | ***0.58 / 3,059.98*** | ***148.41 / 6*** | ***PACIFIC PRECISION FORMULATORS 5511 DISTRICT BLVD VERNON CA 90058*** | ***ENVIROSTOR***

Estor/EPA ID: 60001977
Site Code: 301650
Nat Priority List: NO
APN: NONE SPECIFIED
Census Tract: 6037532304
Site Type: EVALUATION
Address Description: 5511 DISTRICT BLVD
Office: CLEANUP CYPRESS
Special Program: EPA - PASI
Funding: EPA GRANT
Assembly District: 53
Senate District: 33
Permit Renewal Lead:
Public Partici Spclst:
Project Manager:
County: LOS ANGELES
Latitude: 33.990535
Longitude: -118.17708
Acres: 1.23 ACRES
Supervisor:
Cleanup Status: REFER: LOCAL AGENCY AS OF 5/27/2014
Cleanup Oversight Agencies: VERNON, CITY OF - 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: REFER: LOCAL AGENCY
Program Type: EVALUATION
CalEnviroScreen Score: 96-100%
Summary Link: https://www.envirostor.dtsc.ca.gov/public/profile_report?global_id=60001977

Completed Activities

Title: Site Screening Assessment Report
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60001977&enforcement_id=60356187
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: PA/SI Site Screening
Date Completed: 5/25/2014
Comments:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
84	1 of 3	ENE	0.58 / 3,078.30	141.23 / -1	DAVID H FELL AND COMPANY INC 6009 BANDINI BLVD LOS ANGELES CA 90040	INSP COMP ENF

EPA ID: CAL000110141
Geotracker Address: 6009 BANDINI BLVD
Geotracker City: LOS ANGELES
County: LOS ANGELES
Geotracker Lat: 33.991667
Geotracker Long: -118.156386
Report URL: https://www.envirostor.dtsc.ca.gov/public/eerp_profile_report?global_id=3001006

Inspection Information

Inspection Type: Financial Records Review - Standardized Permit
Violations: Minor
Inspection Date: 3/13/2001
Return to Compliance: 2/27/2002
Report Sent Date: 3/20/2001

Inspection Type: Focused Compliance Inspection - Standardized Permit
Violations: No Violations
Inspection Date: 11/17/2003
Return to Compliance:
Report Sent Date: 1/16/2004

Inspection Type: Compliance Evaluation Inspection - Standardized Permit
Violations: No Violations
Inspection Date: 6/27/2011
Return to Compliance:
Report Sent Date: 8/26/2011

Inspection Type: Compliance Evaluation Inspection - Standardized Permit
Violations: Minor
Inspection Date: 11/26/2012
Return to Compliance: 1/29/2013
Report Sent Date: 6/30/2013

Inspection Type: Financial Records Review - Standardized Permit
Violations: No Violations
Inspection Date: 12/8/2015
Return to Compliance:
Report Sent Date: 12/8/2015

Inspection Type: Focused Compliance Inspection - Standardized Permit
Violations: No Violations
Inspection Date: 2/22/2005
Return to Compliance:
Report Sent Date: 4/19/2005

Inspection Type: Financial Records Review - Treatment, Storage and Disposal
Violations: No Violations
Inspection Date: 3/29/2007
Return to Compliance:
Report Sent Date: 3/29/2007

Inspection Type: Financial Records Review - Standardized Permit
Violations: No Violations
Inspection Date: 2/5/2009
Return to Compliance:
Report Sent Date: 2/10/2009

Inspection Type: Financial Records Review - Standardized Permit
Violations: No Violations
Inspection Date: 5/10/2013
Return to Compliance:
Report Sent Date: 5/10/2013

Inspection Type: Compliance Evaluation Inspection - Standardized Permit
Violations: Minor

Inspection Date: 6/28/2018
Return to Compliance: 6/28/2018
Report Sent Date: 7/17/2018

Inspection Type: Focused Compliance Inspection - * Import/Export Inspection
Violations: Minor
Inspection Date: 11/7/2002
Return to Compliance: 11/8/2002
Report Sent Date: 1/9/2003

Inspection Type: Compliance Evaluation Inspection - Treatment, Storage and Disposal
Violations: Minor
Inspection Date: 11/17/2003
Return to Compliance: 1/25/2004
Report Sent Date: 1/16/2004

Inspection Type: Financial Records Review - Standardized Permit
Violations: Class 2
Inspection Date: 4/2/2008
Return to Compliance: 4/16/2008
Report Sent Date: 4/3/2008

Inspection Type: Compliance Evaluation Inspection - Standardized Permit
Violations: Class 2, Minor
Inspection Date: 2/22/2001
Return to Compliance: 8/3/2001
Report Sent Date: 3/20/2001

Inspection Type: Compliance Evaluation Inspection - Transporter
Violations: No Violations
Inspection Date: 11/7/2002
Return to Compliance:
Report Sent Date: 1/9/2003

Inspection Type: Compliance Evaluation Inspection - Standardized Permit
Violations: No Violations
Inspection Date: 11/7/2002
Return to Compliance:
Report Sent Date: 1/9/2003

Inspection Type: Financial Records Review - Treatment, Storage and Disposal
Violations: Minor
Inspection Date: 11/14/2002
Return to Compliance: 2/10/2003
Report Sent Date: 11/27/2002

Inspection Type: Compliance Evaluation Inspection - Standardized Permit
Violations: Minor
Inspection Date: 2/22/2005
Return to Compliance: 2/22/2005
Report Sent Date: 4/19/2005

Inspection Type: Financial Records Review - Standardized Permit
Violations: No Violations
Inspection Date: 4/14/2005
Return to Compliance:
Report Sent Date: 5/3/2005

Inspection Type: Financial Records Review - Standardized Permit
Violations: No Violations
Inspection Date: 7/11/2018
Return to Compliance:
Report Sent Date: 7/11/2018

Inspection Type: Compliance Evaluation Inspection - Standardized Permit
Violations: Minor
Inspection Date: 3/27/2007
Return to Compliance: 3/27/2007
Report Sent Date: 5/8/2007

Inspection Type: Compliance Evaluation Inspection - Standardized Permit
Violations: No Violations
Inspection Date: 3/4/2008
Return to Compliance:
Report Sent Date: 3/19/2008

Inspection Type: Compliance Evaluation Inspection - Standardized Permit
Violations: Class 2
Inspection Date: 1/29/2009
Return to Compliance: 7/14/2009
Report Sent Date: 3/13/2009

Inspection Type: Compliance Evaluation Inspection - Transporter
Violations: No Violations
Inspection Date: 1/26/2000
Return to Compliance:
Report Sent Date: 3/23/2000

Inspection Type: Compliance Evaluation Inspection - Standardized Permit
Violations: Minor
Inspection Date: 1/30/2006
Return to Compliance: 1/30/2006
Report Sent Date: 3/15/2006

Inspection Type: Compliance Evaluation Inspection - Standardized Permit
Violations: Class 2, Minor
Inspection Date: 12/1/2015
Return to Compliance: 12/2/2015
Report Sent Date: 2/23/2016

Inspection Type: Compliance Evaluation Inspection - Treatment, Storage and Disposal
Violations: Class 2
Inspection Date: 1/26/2000
Return to Compliance: 2/26/2000
Report Sent Date: 3/23/2000

Inspection Type: Compliance Evaluation Inspection - Transporter
Violations: No Violations
Inspection Date: 2/22/2001
Return to Compliance:
Report Sent Date: 3/20/2001

Inspection Type: Financial Records Review - Treatment, Storage and Disposal
Violations: No Violations
Inspection Date: 10/29/2003
Return to Compliance:
Report Sent Date: 10/29/2003

Inspection Type: Financial Records Review - Treatment, Storage and Disposal
Violations: No Violations
Inspection Date: 3/2/2006
Return to Compliance:
Report Sent Date: 3/2/2006

Inspection Type: Financial Records Review - Standardized Permit
Violations: No Violations
Inspection Date: 8/10/2011
Return to Compliance:
Report Sent Date: 8/10/2011

Enforcement Information (ENVIROSTOR ICE Sites Data Download)

Enforcement Type: Enforcement Order Issued (210)
Enforcement Date: 8/23/2000

Enforcement Type: Consent Order with Enforcement and Settlement - Federal CA/FO (385)
Enforcement Date: 8/28/2001

Enforcement Type: Consent Order with Enforcement and Settlement - Federal CA/FO (385)
Enforcement Date: 7/14/2009

Enforcement Type: Final Administrative Settlement (310)
Enforcement Date: 9/29/2000

Permitting

Site Code: 300488
Program Type: HAZARDOUS WASTE FACILITY
Facility Type: HIST PERMITTED
Calenviro Screen Percentile Sc: 96-100% (highest scores)
Site Facility Type: CLOSED - PERMIT AUTHORITY: Standardized
Assembly District: 63
Senate District: 33
Census Tract: 6037532304
Facility History:

QUARTERLY UPDATE
Quarterly Update Period: October through December 2020
David H Fell Company Facility is clean closed as of December 7, 2020.
FACILITY DESCRIPTION/HISTORY
David H. Fell & Co., Inc. (DHF) is located in Bell, CA in the country of Los Angeles. The facility is located on land zoned "M" for manufacturing and is surrounded by mainly industrial facilities. The site is located approximately one mile northeast of the Long Beach Freeway (710). The Santa Ana Freeway (5) is located 0.7 miles northeast of the site. The nearest residential area is 2640 ft or 0.5 miles away. The property is approximately 60,750 square feet in size and is occupied by a masonry warehouse structure. Union Pacific Railroad which runs parallel to Randolph Street is located about 1 mile south of the facility and the Metrolink Railroad is located approximately 1/3 mile North of the facility.
David H. Fell is a precious metal recycling facility. DHF receives hazardous waste containing silver and other precious metals from off-site generators. The hazardous waste is analyzed in the DHF laboratory to determine its precious metals content. The waste is then processed to maximize the reclamation of precious metals.
PERMITTING REGULATORY DESCRIPTION/HISTORY
David H Fell (DHF)was first authorized to operate under a Series B Standardized Permit issued by DTSC on December 22, 1997 which expired on December 22, 2007. A new Standardized Permit was issued to DHF on February 18, 2009. Since the permit was issued in 2007, DHF has made three Class 2 permit modifications. The first was processed in 2010 and was for changes to the storage areas. The second was processed in 2013 and was for changes to the locations of units and addition of a piece of equipment to the operation. The third was processed in 2014 and was for minor corrections to the operation plan and addition of a process stream to the evaporator unit.
On August 6, 2014, DTSC received notification of DHF's intent to close the facility, along with a revised closure plan. The Closure Plan has been under review by DTSC. When the closure plan is determined to be complete, DHF can proceed with the closure process.
There are currently no corrective action/cleanup activities being conducted by DTSC or the Regional Water Quality Control Board at the facility.
On May 16, 2015, DTSC approved a Class 1* Modification request to change the closure procedures for three units, #6-A V-Blender, #20 Gas Furnace and #3 Screener.
On July 22, 2015, DTSC acknowledged closure of units #6A V-Blender, #3 Screen and #20 Gas Furnace.
On April 15, 2016, DTSC acknowledged closure of units #2 Screen and #22 Gas Furnace.

DTSC Investigation Compliance Enforcement Sites

Envirostor ID: 3001006
Status: No Action
FID Ice Sites Sp: 165
FID T1: 7575
Local Enviro Screen 3.0 Tract: 6037532304
Local Env Screen 3.0 Pctlran: 96 - 100%
Site Type: INSPECTION
Latitude: 33.991667
Longitude: -118.156386

Site Details from REST Service

Envirostor ID: 3001006
Status: No Action
Site Type: INSPECTION
Latitude: 33.991667
Longitude: -118.156386

Site Details (Download)

Envirostor ID: 3001006
Site Type: INSPECTION
Status: No Action
County: LOS ANGELES
Project Name: DAVID H FELL AND COMPANY INC
Address: 6009 BANDINI BLVD
City: LOS ANGELES
Zip: 90040

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
84	2 of 3	ENE	0.58 / 3,078.30	141.23 / -1	DAVID H FELL AND COMPANY INC 6009 BANDINI BLVD LOS ANGELES CA 900402904	ENVIROSTOR

Estor/EPA ID: CAL000110141
Site Code: 300488
Nat Priority List:
APN:
Census Tract: 6037532304
Site Type: CLOSED - PERMIT AUTHORITY: Standardized
Address Description: 6009 BANDINI BLVD
Office:
Special Program:
Funding:
Cleanup Status:
Cleanup Oversight Agencies:
School District:
Past Use that Caused Contam:
Potential Media Affected:
Potential Contamin of Concern:

Assembly District: 63
Senate District: 33
Permit Renewal Lead: JOANNA LOUIE
Public Partici Spclst:
Project Manager: JOANNA LOUIE
County: LOS ANGELES
Latitude: 33.991667
Longitude: -118.156386
Acres:
Supervisor:

Site History:

Status: CLOSED
Program Type: HAZ WASTE - Standardized
CalEnviroScreen Score: 96-100%
Summary Link: https://www.envirostor.dtsc.ca.gov/public/profile_report?global_id=CAL000110141

Permit Units - Completed Activities

Date: 12/4/2018
Event Description: MOD CLASS 1* - PRIOR APPROVAL REQUIRED - CEQA DETERMINATION
Unit:
Doc Link: https://www.envirostor.dtsc.ca.gov/public/https://www.hwmpenvirostor.dtsc.ca.gov/public/site_documents/7481076896/NOD%5FDavid%20H%20Fell%5FSCH%20stamp%20and%20receipt%20%28002%29%2Epdf
Unit Link:

Date: 12/17/2008
Event Description: RENEWAL - WITH CHANGES - PUBLIC COMMENT (END)
Unit: MULTIPLE UNITS
Doc Link:
Unit Link: https://www.envirostor.dtsc.ca.gov/public/hwmp_showunits?cmd=showpaunits&global_id=CAL000110141&link_key=2445

Date: 4/18/2007
Event Description: RENEWAL - WITH CHANGES - 2ND NOTICE OF DEFICIENCY ISSUED
Unit: MULTIPLE UNITS
Doc Link: https://www.envirostor.dtsc.ca.gov/public/https://www.hwmpenvirostor.dtsc.ca.gov/public/site_documents/6378598868/DHF%20NOD%202%2Epdf
Unit Link: https://www.envirostor.dtsc.ca.gov/public/hwmp_showunits?cmd=showpaunits&global_id=CAL000110141&link_key=2445

Date: 10/25/2006
Event Description: RENEWAL - WITH CHANGES - 1ST NOTICE OF DEFICIENCY ISSUED
Unit: MULTIPLE UNITS
Doc Link: https://www.envirostor.dtsc.ca.gov/public/https://www.hwmpenvirostor.dtsc.ca.gov/public/site_documents/5277768790/DHF%20NOD%201%2Epdf
Unit Link: https://www.envirostor.dtsc.ca.gov/public/hwmp_showunits?cmd=showpaunits&global_id=CAL000110141&link_key=2445

Date: 3/31/1994
Event Description: NEW OPERATING PERMIT - APPLICATION PART A RECEIVED
Unit: MULTIPLE UNITS

Doc Link:
Unit Link: https://www.envirostor.dtsc.ca.gov/public/hwmp_showunits?cmd=showpaunits&global_id=CAL000110141&link_key=2365

Date: 11/3/2008
Event Description: RENEWAL - WITH CHANGES - PUBLIC COMMENT (BEGIN)
Unit: MULTIPLE UNITS
Doc Link: https://www.envirostor.dtsc.ca.gov/public/hwmp_final_documents?global_id=CAL000110141&link_key=2445&document_category=PUBLIC+COMMENT&event_description=Renewal+%2D+With+Changes+%2D+PUBLIC+COMMENT+%28BEGIN%29&mytype=pa
Unit Link: https://www.envirostor.dtsc.ca.gov/public/hwmp_showunits?cmd=showpaunits&global_id=CAL000110141&link_key=2445

Date: 12/20/2007
Event Description: NEW OPERATING PERMIT - FINAL PERMIT (EXPIRES)
Unit: MULTIPLE UNITS
Doc Link:
Unit Link: https://www.envirostor.dtsc.ca.gov/public/hwmp_showunits?cmd=showpaunits&global_id=CAL000110141&link_key=2365

Date: 10/20/1994
Event Description: NEW OPERATING PERMIT - FINAL PART A & PART B RECEIVED
Unit: MULTIPLE UNITS
Doc Link:
Unit Link: https://www.envirostor.dtsc.ca.gov/public/hwmp_showunits?cmd=showpaunits&global_id=CAL000110141&link_key=2365

Date: 10/29/2008
Event Description: RENEWAL - WITH CHANGES - TECHNICAL COMPLETE LETTER
Unit: MULTIPLE UNITS
Doc Link: https://www.envirostor.dtsc.ca.gov/public/https://www.hwmpenvirostor.dtsc.ca.gov/public/site_documents/4671186149/DavidHFell%5FTechComp%2Epdf
Unit Link: https://www.envirostor.dtsc.ca.gov/public/hwmp_showunits?cmd=showpaunits&global_id=CAL000110141&link_key=2445

Date: 10/27/1997
Event Description: NEW OPERATING PERMIT - PUBLIC COMMENT (BEGIN)
Unit: MULTIPLE UNITS
Doc Link:
Unit Link: https://www.envirostor.dtsc.ca.gov/public/hwmp_showunits?cmd=showpaunits&global_id=CAL000110141&link_key=2365

Date: 8/24/2017
Event Description: MOD CLASS 1 - NO PRIOR APPROVAL REQUIRED - FINAL PERMIT MODIFICATION
Unit:
Doc Link:
Unit Link:

Date: 10/29/2008
Event Description: RENEWAL - WITH CHANGES - FINAL PART A & PART B RECEIVED
Unit: MULTIPLE UNITS
Doc Link: https://www.envirostor.dtsc.ca.gov/public/hwmp_final_documents?global_id=CAL000110141&link_key=2445&document_category=FINAL+PART+A+%26+PART+B+RECEIVED&event_description=Renewal+%2D+With+Changes+%2D+FINAL+PART+A+%26+PART+B+RECEIVED+&mytype=pa
Unit Link: https://www.envirostor.dtsc.ca.gov/public/hwmp_showunits?cmd=showpaunits&global_id=CAL000110141&link_key=2445

Date: 12/22/1997
Event Description: NEW OPERATING PERMIT - FINAL PERMIT
Unit: MULTIPLE UNITS
Doc Link: https://www.envirostor.dtsc.ca.gov/public/hwmp_final_documents?global_id=CAL000110141&link_key=2365&document_category=FINAL+PERMIT&event_description=New+Operating+Permit+%2D+FINAL+PERMIT+&mytype=pa
Unit Link: https://www.envirostor.dtsc.ca.gov/public/hwmp_showunits?cmd=showpaunits&global_id=CAL000110141&link_key=2365

Date: 2/17/2019
Event Description: RENEWAL - WITH CHANGES - FINAL PERMIT RENEWAL (EXPIRES)
Unit: MULTIPLE UNITS

Doc Link:
Unit Link: https://www.envirostor.dtsc.ca.gov/public/hwmp_showunits?cmd=showpaunits&global_id=CAL000110141&link_key=2445

Date: 11/14/2018
Event Description: MOD CLASS 1* - PRIOR APPROVAL REQUIRED - FINAL PERMIT MODIFICATION (EFFECTIVE)
Unit:
Doc Link:
Unit Link:

Date: 12/7/2006
Event Description: RENEWAL - WITH CHANGES - APPLICATION PART A RECEIVED
Unit: MULTIPLE UNITS
Doc Link:
Unit Link: https://www.envirostor.dtsc.ca.gov/public/hwmp_showunits?cmd=showpaunits&global_id=CAL000110141&link_key=2445

Date: 11/14/2018
Event Description: MOD CLASS 1* - PRIOR APPROVAL REQUIRED - FINAL PERMIT MODIFICATION
Unit:
Doc Link: https://www.envirostor.dtsc.ca.gov/public/https://www.hwmpenvirostor.dtsc.ca.gov/public/site_documents/4382383048/Closure%20Approval%20letter%20November%202018%2Epdf
Unit Link:

Date: 2/18/2009
Event Description: RENEWAL - WITH CHANGES - FINAL PERMIT RENEWAL (EFFECTIVE)
Unit: MULTIPLE UNITS
Doc Link:
Unit Link: https://www.envirostor.dtsc.ca.gov/public/hwmp_showunits?cmd=showpaunits&global_id=CAL000110141&link_key=2445

Date: 11/3/2008
Event Description: RENEWAL - WITH CHANGES - DRAFT PERMIT RENEWAL
Unit: MULTIPLE UNITS
Doc Link: https://www.envirostor.dtsc.ca.gov/public/hwmp_final_documents?global_id=CAL000110141&link_key=2445&document_category=DRAFT+PERMIT&event_description=Renewal+%2D+With+Changes+%2D+DRAFT+PERMIT+RENEWAL+&mytype=pa
Unit Link: https://www.envirostor.dtsc.ca.gov/public/hwmp_showunits?cmd=showpaunits&global_id=CAL000110141&link_key=2445

Date: 12/7/2006
Event Description: RENEWAL - WITH CHANGES - APPLICATION PART B RECEIVED
Unit: MULTIPLE UNITS
Doc Link:
Unit Link: https://www.envirostor.dtsc.ca.gov/public/hwmp_showunits?cmd=showpaunits&global_id=CAL000110141&link_key=2445

Date: 12/22/1997
Event Description: NEW OPERATING PERMIT - FINAL PERMIT (EFFECTIVE)
Unit: MULTIPLE UNITS
Doc Link:
Unit Link: https://www.envirostor.dtsc.ca.gov/public/hwmp_showunits?cmd=showpaunits&global_id=CAL000110141&link_key=2365

Date: 8/24/2017
Event Description: MOD CLASS 1 - NO PRIOR APPROVAL REQUIRED - FINAL PERMIT MODIFICATION (EFFECTIVE)
Unit:
Doc Link:
Unit Link:

Date: 2/18/2009
Event Description: RENEWAL - WITH CHANGES - FINAL PERMIT RENEWAL
Unit: MULTIPLE UNITS
Doc Link: https://www.envirostor.dtsc.ca.gov/public/hwmp_final_documents?global_id=CAL000110141&link_key=2445&document_category=FINAL+PERMIT&event_description=Renewal+%2D+With+Changes+%2D+FINAL+PERMIT+RENEWAL+&mytype=pa
Unit Link: https://www.envirostor.dtsc.ca.gov/public/hwmp_showunits?cmd=showpaunits&global_id=CAL000110141&link_key=2445

Date: 3/31/1994

Event Description: NEW OPERATING PERMIT - APPLICATION PART B RECEIVED
Unit: MULTIPLE UNITS
Doc Link:
Unit Link: https://www.envirostor.dtsc.ca.gov/public/hwmp_showunits?cmd=showpaunits&global_id=CAL000110141&link_key=2365

Date: 8/24/2017
Event Description: MOD CLASS 1 - NO PRIOR APPROVAL REQUIRED - ACKNOWLEDGEMENT OF PERMIT MOD LETTER
Unit:
Doc Link: https://www.envirostor.dtsc.ca.gov/public/https://www.hwmpenvirostor.dtsc.ca.gov/public/site_documents/4280072867/David%20H%20Fell%20Class%201%20mod%20Emergency%20Coordinator%202017%2D8%2D23%20envirostor%2Epdf
Unit Link:

Date: 10/27/1997
Event Description: NEW OPERATING PERMIT - DRAFT PERMIT
Unit: MULTIPLE UNITS
Doc Link:
Unit Link: https://www.envirostor.dtsc.ca.gov/public/hwmp_showunits?cmd=showpaunits&global_id=CAL000110141&link_key=2365

Units Undergoing Closure

Date: 11/25/2020
Event Description: CLOSURE FINAL - RECEIVE CLOSURE CERTIFICATION
Unit: MULTIPLE UNITS
Doc Link: https://www.envirostor.dtsc.ca.gov/public/https://www.hwmpenvirostor.dtsc.ca.gov/public/site_documents/8224439322/DavidHFell%5FClosureCertificationReport%5F25NOV2020%2Epdf

Date: 8/6/2014
Event Description: CLOSURE FINAL - CLOSURE PLAN RECEIVED
Unit: MULTIPLE UNITS
Doc Link: https://www.envirostor.dtsc.ca.gov/public/https://www.hwmpenvirostor.dtsc.ca.gov/public/site_documents/7516233146/Closure%20Plan%2020140806%2Epdf

Date: 5/21/2015
Event Description: CLOSURE - CEQA DETERMINATION
Unit: MULTIPLE UNITS
Doc Link: https://www.envirostor.dtsc.ca.gov/public/https://www.hwmpenvirostor.dtsc.ca.gov/public/site_documents/2902387320/NOE%20Closure%20of%203%20units%20%2D%20NR%20Final%20Envirostor%2Epdf

Date: 12/7/2020
Event Description: CLOSURE FINAL - ISSUE CLOSURE VERIFICATION
Unit: MULTIPLE UNITS
Doc Link: https://www.envirostor.dtsc.ca.gov/public/https://www.hwmpenvirostor.dtsc.ca.gov/public/site_documents/8932508170/DHFell%20Closure%20Verification%20Letter%2012%5F7%5F2020%20envirostor%2Epdf

Date: 7/22/2015
Event Description: CLOSURE - ISSUE CLOSURE VERIFICATION
Unit: MULTIPLE UNITS
Doc Link: https://www.envirostor.dtsc.ca.gov/public/hwmp_final_documents?global_id=CAL000110141&link_key=1242&document_category=CLOSURE+VERIFICATION&event_description=Closure+%2D+ISSUE+CLOSURE+VERIFICATION+&mytype=pa

Date: 11/14/2018
Event Description: CLOSURE FINAL - CLOSURE PLAN APPROVED
Unit: MULTIPLE UNITS
Doc Link: https://www.envirostor.dtsc.ca.gov/public/hwmp_final_documents?global_id=CAL000110141&link_key=1150&document_category=PLAN+APPROVED&event_description=Closure+Final+%2D+CLOSURE+PLAN+APPROVED+&mytype=pa

Date: 9/1/2010
Event Description: CLOSURE - ISSUE CLOSURE VERIFICATION
Unit: MULTIPLE UNITS
Doc Link: https://www.envirostor.dtsc.ca.gov/public/https://www.hwmpenvirostor.dtsc.ca.gov/public/site_documents/4927579581/Class%20II%20Mod%20Closure%20Approval%20letter%2Epdf

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Date: 2/27/2019
Event Description: CLOSURE FINAL - CLOSURE NOTICE RECEIVED
Unit: MULTIPLE UNITS
Doc Link: https://www.envirostor.dtsc.ca.gov/public/https://www.hwmpenvirostor.dtsc.ca.gov/public/site_documents/8110730826/Final%20Closure%20Start%20LK%2Epdf

Date: 4/15/2016
Event Description: CLOSURE - ISSUE CLOSURE VERIFICATION
Unit: #22 GAS FURNACE
Doc Link: https://www.envirostor.dtsc.ca.gov/public/hwmp_final_documents?global_id=CAL000110141&link_key=1115&document_category=CLOSURE+VERIFICATION&event_description=Closure+%2D+ISSUE+CLOSURE+VERIFICATION+&mytype=pa

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84	3 of 3	ENE	0.58 / 3,078.30	141.23 / -1	DAVID H FELL AND COMPANY INC 6009 BANDINI BLVD LOS ANGELES CA 900402904	HWP

Estor/EPA ID: CAL000110141
Site Code: 300488
Nat Priority List:
Acres:
Special Program:
Funding:
Assembly District: 63
Senate District: 33
School District:
APN:
Cleanup Status:
Cleanup Oversight Agencies:
Site Type: CLOSED - PERMIT AUTHORITY: Standardized
Office:
Past Use that Caused Contam:
Potential Media Affected:

Permit Renewal Lead: JOANNA LOUIE
Project Manager: JOANNA LOUIE
Supervisor:
Public Partici Spclst:
Census Tract: 6037532304
County: LOS ANGELES
Latitude: 33.991667
Longitude: -118.156386

Status: CLOSED
Program Type: HAZ WASTE - Standardized
CalEnviroScreen Score: 96-100%
Summary Link: https://www.envirostor.dtsc.ca.gov/public/profile_report?global_id=CAL000110141

Permit Units - Completed Activities

Date: 8/24/2017
Event Description: MOD CLASS 1 - NO PRIOR APPROVAL REQUIRED - ACKNOWLEDGEMENT OF PERMIT MOD LETTER
Unit:
Doc Link: https://www.envirostor.dtsc.ca.gov/public/https://www.hwmpenvirostor.dtsc.ca.gov/public/site_documents/4280072867/David%20H%20Fell%20Class%201%20mod%20Emergency%20Coordinator%202017%2D8%2D23%20envirostor%2Epdf
Unit Link:

Date: 10/27/1997
Event Description: NEW OPERATING PERMIT - DRAFT PERMIT
Unit: MULTIPLE UNITS
Doc Link:
Unit Link: https://www.envirostor.dtsc.ca.gov/public/hwmp_showunits?cmd=showpaunits&global_id=CAL000110141&link_key=2365

Date: 12/4/2018
Event Description: MOD CLASS 1* - PRIOR APPROVAL REQUIRED - CEQA DETERMINATION
Unit:
Doc Link: https://www.envirostor.dtsc.ca.gov/public/https://www.hwmpenvirostor.dtsc.ca.gov/public/site_documents/7481076896/NOD%5FDavid%20H%20Fell%5FSCH%20stamp%20and%20receipt%20%28002%29%2Epdf
Unit Link:

Date: 11/3/2008
Event Description: RENEWAL - WITH CHANGES - DRAFT PERMIT RENEWAL

Unit: MULTIPLE UNITS
Doc Link: https://www.envirostor.dtsc.ca.gov/public/hwmp_final_documents?global_id=CAL000110141&link_key=2445&document_category=DRAFT+PERMIT&event_description=Renewal+%2D+With+Changes+%2D+DRAFT+PERMIT+RENEWAL+&mytype=pa
Unit Link: https://www.envirostor.dtsc.ca.gov/public/hwmp_showunits?cmd=showpaunits&global_id=CAL000110141&link_key=2445

Date: 12/7/2006
Event Description: RENEWAL - WITH CHANGES - APPLICATION PART A RECEIVED
Unit: MULTIPLE UNITS
Doc Link:
Unit Link: https://www.envirostor.dtsc.ca.gov/public/hwmp_showunits?cmd=showpaunits&global_id=CAL000110141&link_key=2445

Date: 11/14/2018
Event Description: MOD CLASS 1* - PRIOR APPROVAL REQUIRED - FINAL PERMIT MODIFICATION
Unit:
Doc Link: https://www.envirostor.dtsc.ca.gov/public/https://www.hwmpenvirostor.dtsc.ca.gov/public/site_documents/4382383048/Closure%20Approval%20letter%20November%202018%2Epdf
Unit Link:

Date: 11/14/2018
Event Description: MOD CLASS 1* - PRIOR APPROVAL REQUIRED - FINAL PERMIT MODIFICATION (EFFECTIVE)
Unit:
Doc Link:
Unit Link:

Date: 12/17/2008
Event Description: RENEWAL - WITH CHANGES - PUBLIC COMMENT (END)
Unit: MULTIPLE UNITS
Doc Link:
Unit Link: https://www.envirostor.dtsc.ca.gov/public/hwmp_showunits?cmd=showpaunits&global_id=CAL000110141&link_key=2445

Date: 12/22/1997
Event Description: NEW OPERATING PERMIT - FINAL PERMIT (EFFECTIVE)
Unit: MULTIPLE UNITS
Doc Link:
Unit Link: https://www.envirostor.dtsc.ca.gov/public/hwmp_showunits?cmd=showpaunits&global_id=CAL000110141&link_key=2365

Date: 3/31/1994
Event Description: NEW OPERATING PERMIT - APPLICATION PART B RECEIVED
Unit: MULTIPLE UNITS
Doc Link:
Unit Link: https://www.envirostor.dtsc.ca.gov/public/hwmp_showunits?cmd=showpaunits&global_id=CAL000110141&link_key=2365

Date: 8/24/2017
Event Description: MOD CLASS 1 - NO PRIOR APPROVAL REQUIRED - FINAL PERMIT MODIFICATION
Unit:
Doc Link:
Unit Link:

Date: 3/31/1994
Event Description: NEW OPERATING PERMIT - APPLICATION PART A RECEIVED
Unit: MULTIPLE UNITS
Doc Link:
Unit Link: https://www.envirostor.dtsc.ca.gov/public/hwmp_showunits?cmd=showpaunits&global_id=CAL000110141&link_key=2365

Date: 10/20/1994
Event Description: NEW OPERATING PERMIT - FINAL PART A & PART B RECEIVED
Unit: MULTIPLE UNITS
Doc Link:
Unit Link: https://www.envirostor.dtsc.ca.gov/public/hwmp_showunits?cmd=showpaunits&global_id=CAL000110141&link_key=2365

Date: 2/18/2009
Event Description: RENEWAL - WITH CHANGES - FINAL PERMIT RENEWAL (EFFECTIVE)

Unit: MULTIPLE UNITS
Doc Link:
Unit Link: https://www.envirostor.dtsc.ca.gov/public/hwmp_showunits?cmd=showpaunits&global_id=CAL000110141&link_key=2445

Date: 12/22/1997
Event Description: NEW OPERATING PERMIT - FINAL PERMIT
Unit: MULTIPLE UNITS
Doc Link: https://www.envirostor.dtsc.ca.gov/public/hwmp_final_documents?global_id=CAL000110141&link_key=2365&document_category=FINAL+PERMIT&event_description=New+Operating+Permit+%2D+FINAL+PERMIT+&mytype=pa
Unit Link: https://www.envirostor.dtsc.ca.gov/public/hwmp_showunits?cmd=showpaunits&global_id=CAL000110141&link_key=2365

Date: 12/20/2007
Event Description: NEW OPERATING PERMIT - FINAL PERMIT (EXPIRES)
Unit: MULTIPLE UNITS
Doc Link:
Unit Link: https://www.envirostor.dtsc.ca.gov/public/hwmp_showunits?cmd=showpaunits&global_id=CAL000110141&link_key=2365

Date: 10/27/1997
Event Description: NEW OPERATING PERMIT - PUBLIC COMMENT (BEGIN)
Unit: MULTIPLE UNITS
Doc Link:
Unit Link: https://www.envirostor.dtsc.ca.gov/public/hwmp_showunits?cmd=showpaunits&global_id=CAL000110141&link_key=2365

Date: 2/17/2019
Event Description: RENEWAL - WITH CHANGES - FINAL PERMIT RENEWAL (EXPIRES)
Unit: MULTIPLE UNITS
Doc Link:
Unit Link: https://www.envirostor.dtsc.ca.gov/public/hwmp_showunits?cmd=showpaunits&global_id=CAL000110141&link_key=2445

Date: 11/3/2008
Event Description: RENEWAL - WITH CHANGES - PUBLIC COMMENT (BEGIN)
Unit: MULTIPLE UNITS
Doc Link: https://www.envirostor.dtsc.ca.gov/public/hwmp_final_documents?global_id=CAL000110141&link_key=2445&document_category=PUBLIC+COMMENT&event_description=Renewal+%2D+With+Changes+%2D+PUBLIC+COMMENT+%28BEGIN%29&mytype=pa
Unit Link: https://www.envirostor.dtsc.ca.gov/public/hwmp_showunits?cmd=showpaunits&global_id=CAL000110141&link_key=2445

Date: 10/29/2008
Event Description: RENEWAL - WITH CHANGES - TECHNICAL COMPLETE LETTER
Unit: MULTIPLE UNITS
Doc Link: https://www.envirostor.dtsc.ca.gov/public/https://www.hwmpenvirostor.dtsc.ca.gov/public/site_documents/4671186149/DavidHFell%5FTechComp%2Epdf
Unit Link: https://www.envirostor.dtsc.ca.gov/public/hwmp_showunits?cmd=showpaunits&global_id=CAL000110141&link_key=2445

Date: 10/25/2006
Event Description: RENEWAL - WITH CHANGES - 1ST NOTICE OF DEFICIENCY ISSUED
Unit: MULTIPLE UNITS
Doc Link: https://www.envirostor.dtsc.ca.gov/public/https://www.hwmpenvirostor.dtsc.ca.gov/public/site_documents/5277768790/DHF%20NOD%201%2Epdf
Unit Link: https://www.envirostor.dtsc.ca.gov/public/hwmp_showunits?cmd=showpaunits&global_id=CAL000110141&link_key=2445

Date: 12/7/2006
Event Description: RENEWAL - WITH CHANGES - APPLICATION PART B RECEIVED
Unit: MULTIPLE UNITS
Doc Link:
Unit Link: https://www.envirostor.dtsc.ca.gov/public/hwmp_showunits?cmd=showpaunits&global_id=CAL000110141&link_key=2445

Date: 4/18/2007
Event Description: RENEWAL - WITH CHANGES - 2ND NOTICE OF DEFICIENCY ISSUED
Unit: MULTIPLE UNITS

Doc Link: https://www.envirostor.dtsc.ca.gov/public/https://www.hwmpenvirostor.dtsc.ca.gov/public/site_documents/6378598868/DHF%20NOD%202%2Epdf
Unit Link: https://www.envirostor.dtsc.ca.gov/public/hwmp_showunits?cmd=showpaunits&global_id=CAL000110141&link_key=2445

Date: 8/24/2017
Event Description: MOD CLASS 1 - NO PRIOR APPROVAL REQUIRED - FINAL PERMIT MODIFICATION (EFFECTIVE)
Unit:
Doc Link:
Unit Link:

Date: 2/18/2009
Event Description: RENEWAL - WITH CHANGES - FINAL PERMIT RENEWAL
Unit: MULTIPLE UNITS
Doc Link: https://www.envirostor.dtsc.ca.gov/public/hwmp_final_documents?global_id=CAL000110141&link_key=2445&document_category=FINAL+PERMIT&event_description=Renewal+%2D+With+Changes+%2D+FINAL+PERMIT+RENEWAL+&mytype=pa
Unit Link: https://www.envirostor.dtsc.ca.gov/public/hwmp_showunits?cmd=showpaunits&global_id=CAL000110141&link_key=2445

Date: 10/29/2008
Event Description: RENEWAL - WITH CHANGES - FINAL PART A & PART B RECEIVED
Unit: MULTIPLE UNITS
Doc Link: https://www.envirostor.dtsc.ca.gov/public/hwmp_final_documents?global_id=CAL000110141&link_key=2445&document_category=FINAL+PART+A+%26+PART+B+RECEIVED&event_description=Renewal+%2D+With+Changes+%2D+FINAL+PART+A+%26+PART+B+RECEIVED+&mytype=pa
Unit Link: https://www.envirostor.dtsc.ca.gov/public/hwmp_showunits?cmd=showpaunits&global_id=CAL000110141&link_key=2445

Units Undergoing Closure

Date: 11/14/2018
Event Description: CLOSURE FINAL - CLOSURE PLAN APPROVED
Unit: MULTIPLE UNITS
Doc Link: https://www.envirostor.dtsc.ca.gov/public/hwmp_final_documents?global_id=CAL000110141&link_key=1150&document_category=PLAN+APPROVED&event_description=Closure+Final+%2D+CLOSURE+PLAN+APPROVED+&mytype=pa

Date: 9/1/2010
Event Description: CLOSURE - ISSUE CLOSURE VERIFICATION
Unit: MULTIPLE UNITS
Doc Link: https://www.envirostor.dtsc.ca.gov/public/https://www.hwmpenvirostor.dtsc.ca.gov/public/site_documents/4927579581/Class%20II%20Mod%20Closure%20Approval%20letter%2Epdf

Date: 7/22/2015
Event Description: CLOSURE - ISSUE CLOSURE VERIFICATION
Unit: MULTIPLE UNITS
Doc Link: https://www.envirostor.dtsc.ca.gov/public/hwmp_final_documents?global_id=CAL000110141&link_key=1242&document_category=CLOSURE+VERIFICATION&event_description=Closure+%2D+ISSUE+CLOSURE+VERIFICATION+&mytype=pa

Date: 11/25/2020
Event Description: CLOSURE FINAL - RECEIVE CLOSURE CERTIFICATION
Unit: MULTIPLE UNITS
Doc Link: https://www.envirostor.dtsc.ca.gov/public/https://www.hwmpenvirostor.dtsc.ca.gov/public/site_documents/8224439322/DavidHFell%5FClosureCertificationReport%5F25NOV2020%2Epdf

Date: 5/21/2015
Event Description: CLOSURE - CEQA DETERMINATION
Unit: MULTIPLE UNITS
Doc Link: https://www.envirostor.dtsc.ca.gov/public/https://www.hwmpenvirostor.dtsc.ca.gov/public/site_documents/2902387320/NOE%20Closure%20of%203%20units%20%2D%20NR%20Final%20Envirostor%2Epdf

Date: 12/7/2020
Event Description: CLOSURE FINAL - ISSUE CLOSURE VERIFICATION
Unit: MULTIPLE UNITS
Doc Link: https://www.envirostor.dtsc.ca.gov/public/https://www.hwmpenvirostor.dtsc.ca.

gov/public/site_documents/8932508170/DHFell%20Closure%20Verification%20Letter%2012%5F7%5F2020%20envirostor%2Epdf

Date: 8/6/2014
Event Description: CLOSURE FINAL - CLOSURE PLAN RECEIVED
Unit: MULTIPLE UNITS
Doc Link: https://www.envirostor.dtsc.ca.gov/public/https://www.hwmpenvirostor.dtsc.ca.gov/public/site_documents/7516233146/Closure%20Plan%2020140806%2Epdf

Date: 4/15/2016
Event Description: CLOSURE - ISSUE CLOSURE VERIFICATION
Unit: #22 GAS FURNACE
Doc Link: https://www.envirostor.dtsc.ca.gov/public/hwmp_final_documents?global_id=CAL000110141&link_key=1115&document_category=CLOSURE+VERIFICATION&event_description=Closure+%2D+ISSUE+CLOSURE+VERIFICATION+&mytype=pa

Date: 2/27/2019
Event Description: CLOSURE FINAL - CLOSURE NOTICE RECEIVED
Unit: MULTIPLE UNITS
Doc Link: https://www.envirostor.dtsc.ca.gov/public/https://www.hwmpenvirostor.dtsc.ca.gov/public/site_documents/8110730826/Final%20Closure%20Start%20LK%2Epdf

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Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
85	1 of 2	W	0.59 / 3,129.18	143.41 / 1	HELIOTROPE AVENUE ELEM. SCHOOL ADDITION 5911 WOODLAWN AVENUE MAYWOOD CA 90270	SCH

Estor/EPA ID: 19820056
Site Code: 304230
Nat Priority List: NO
Acres: 1 ACRES
Special Program:
Funding: SCHOOL DISTRICT
Assembly District: 63
Senate District: 33
Permit Renewal Lead:
Project Manager:
Supervisor: SHAHIR HADDAD
Public Partici Spclst:
Census Tract: 6037533703
County: LOS ANGELES
Latitude: 33.9858764866433
Longitude: -118.177810713378
School District: LOS ANGELES UNIFIED SCHOOL DISTRICT
APN: 6314025901
Cleanup Status: NO ACTION REQUIRED AS OF 8/25/2003
Cleanup Oversight Agencies: DTSC - SITE CLEANUP PROGRAM - LEAD AGENCY
Site Type: SCHOOL
Office: SOUTHERN CALIFORNIA SCHOOLS & BROWNFIELDS OUTREACH
Past Use that Caused Contam: EDUCATIONAL SERVICES
Potential Media Affected: NO MEDIA AFFECTED
Potential Contamin of Concern:

NO CONTAMINANTS FOUND

SITE HISTORY:

Site dropped by LAUSD.
One was entered in the field of acres for dropped out sites.

Status: NO ACTION REQUIRED
Program Type: SCHOOL INVESTIGATION
CalEnviroScreen Score: 91-95%
Summary Link: https://www.envirostor.dtsc.ca.gov/public/profile_report?global_id=19820056

Completed Activities

Title: LAUSD Master Agreement
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19820056&enforcement_id=6007808
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Environmental Oversight Agreement
Date Completed: 2/10/2000

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Comments:						

85 *2 of 2* *W* *0.59 / 3,129.18* *143.41 / 1* **HELIOTROPE AVENUE ELEM. SCHOOL ADDITION**
5911 WOODLAWN AVENUE
MAYWOOD CA 90270
ENVIROSTOR

Estor/EPA ID:	19820056	**Assembly District:**	63
Site Code:	304230	**Senate District:**	33
Nat Priority List:	NO	**Permit Renewal Lead:**	
APN:	6314025901	**Public Partici Spclst:**	
Census Tract:	6037533703	**Project Manager:**	
Site Type:	SCHOOL	**County:**	LOS ANGELES
Address Description:	5911 WOODLAWN AVENUE	**Latitude:**	33.9858764866433
Office:	SOUTHERN CALIFORNIA SCHOOLS & BROWNFIELDS OUTREACH	**Longitude:**	-118.177810713378
Special Program:		**Acres:**	1 ACRES
Funding:	SCHOOL DISTRICT	**Supervisor:**	SHAHIR HADDAD

Cleanup Status: NO ACTION REQUIRED AS OF 8/25/2003
Cleanup Oversight Agencies: DTSC - SITE CLEANUP PROGRAM - LEAD AGENCY
School District: LOS ANGELES UNIFIED SCHOOL DISTRICT
Past Use that Caused Contam: EDUCATIONAL SERVICES
Potential Media Affected: NO MEDIA AFFECTED
Potential Contamin of Concern:

NO CONTAMINANTS FOUND

Site History:

Site dropped by LAUSD.
One was entered in the field of acres for dropped out sites.

Status: NO ACTION REQUIRED
Program Type: SCHOOL INVESTIGATION
CalEnviroScreen Score: 91-95%
Summary Link: https://www.envirostor.dtsc.ca.gov/public/profile_report?global_id=19820056

Completed Activities

Title: LAUSD Master Agreement
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19820056&enforcement_id=6007808
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Environmental Oversight Agreement
Date Completed: 2/10/2000
Comments:

86 *1 of 1* *NW* *0.59 / 3,133.47* *148.41 / 6* **CHELIS A**
5316 LINDBERGH LN.
BELL CA 90201
ENVIROSTOR

Estor/EPA ID:	60002604	**Assembly District:**	63
Site Code:	301817	**Senate District:**	33
Nat Priority List:	NO	**Permit Renewal Lead:**	
APN:	NONE SPECIFIED	**Public Partici Spclst:**	
Census Tract:		**Project Manager:**	
Site Type:	EVALUATION	**County:**	LOS ANGELES
Address Description:	5316 LINDBERGH LN.	**Latitude:**	0
Office:	CLEANUP CHATSWORTH	**Longitude:**	0
Special Program:	EPA - PASI	**Acres:**	5 ACRES
Funding:	EPA GRANT	**Supervisor:**	JULI PROPES

Cleanup Status: ACTIVE AS OF 1/20/2018
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: ACTIVE
Program Type: EVALUATION
CalEnviroScreen Score:
Summary Link: https://www.envirostor.dtsc.ca.gov/public/profile_report?global_id=60002604

Completed Activities

Title: Pre-CERCAL Screening Assessment
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60002604&enforcement_id=60460383
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: PA/SI Site Screening
Date Completed: 9/10/2018
Comments:

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87 | ***1 of 1*** | ***NW*** | ***0.61 / 3,241.70*** | ***149.41 / 7*** | ***INDIVIDUAL FOOD SERVICE 5350-5380 LINDBERGH LANE BELL CA 90201*** | ***ENVIROSTOR***

Estor/EPA ID:	60002049	***Assembly District:***	63
Site Code:	301666	***Senate District:***	33
Nat Priority List:	NO	***Permit Renewal Lead:***	
APN:	6332-002-021	***Public Partici Spclst:***	
Census Tract:	6037532304	***Project Manager:***	LINDA OCAMPO
Site Type:	VOLUNTARY CLEANUP	***County:***	LOS ANGELES
Address Description:	5350-5380 LINDBERGH LANE	***Latitude:***	33.9953791
Office:	SOUTHERN CALIFORNIA SCHOOLS & BROWNFIELDS OUTREACH	***Longitude:***	-118.1741554
Special Program:	VOLUNTARY CLEANUP PROGRAM	***Acres:***	5.92 ACRES
Funding:	SITE PROPONENT	***Supervisor:***	EMAD YEMUT

Cleanup Status: CERTIFIED O&M - LAND USE RESTRICTIONS ONLY AS OF 3/17/2016
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:

The Site is a slab on grade tilt up building comprised of about a 146,000 square foot structure located on a 255,101 square foot lot. The building is divided into different suites, used for warehousing and distribution. This Site is located near what was formerly the Cheli Air Force Base. To the west and south are the 710 Freeway and Los Angeles River. The nearest residential land use is on the opposite side of the Los Angeles River, about 0.25 miles from the site. Based on the information available to DTSC and Proponent, the Site is or may be contaminated with hazardous substances, including poly-aromatic hydrocarbons (PAHs), volatile organic compounds, and petroleum hydrocarbons.

Status: CERTIFIED O&M - LAND USE RESTRICTIONS ONLY - LAND USE RESTRICTIONS
Program Type: VOLUNTARY CLEANUP
CalEnviroScreen Score: 96-100%
Summary Link: https://www.envirostor.dtsc.ca.gov/public/profile_report?global_id=60002049

Land Use Restrictions

Site Management DAY CARE CENTER PROHIBITED

Requirements: HOSPITAL USE PROHIBITED
NO EXCAVATION OR ACTIVITIES WHICH DISTURB THE SOIL BELOW A SPECIFIED DEPTH (SEE COVENANT FOR DEPTH) WITHOUT AGENCY REVIEW AND APPROVAL OF A SOIL MANAGEMENT PLAN
NO GROUNDWATER EXTRACTION AT ANY DEPTH WITHOUT APPROVAL
NO OIL OR GAS EXTRACTION AT ANY DEPTH
PUBLIC OR PRIVATE SCHOOL FOR PERSONS UNDER 21 PROHIBITED
RESIDENCE USE PROHIBITED
Title: LUC
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?cmd=radocuments&global_id=60002049&enforcement_id=60401811
Date Recorded: 12/28/2015

Completed Activities

Title: FY 18/19 Annual Oversight Cost Estimate
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60002049&enforcement_id=60445995
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Annual Oversight Cost Estimate
Date Completed: 7/24/2018
Comments: FY 1819 Estimate: $3,361

Title: Notification of Change in Project Manager
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60002049&enforcement_id=60426146
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Correspondence
Date Completed: 4/6/2017
Comments: Notification to Proponent of change in assigned Project Manager.

Title: No Further Action
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60002049&enforcement_id=60404159
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: No Further Action Letter
Date Completed: 12/29/2015
Comments:

Title: Preliminary Endangerment Assessment Report (PEA)
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60002049&doc_id=60397724
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Preliminary Endangerment Assessment Report
Date Completed: 12/27/2015
Comments:

Title: FY 17/18 Annual Oversight Cost Estimate
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60002049&enforcement_id=60433003
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Annual Oversight Cost Estimate
Date Completed: 9/19/2017
Comments:

Title: Phase 2
Title Link: https://www.envirostor.dtsc.ca.gov/public/
Area Name:
Area Link:

Sub Area:
Sub Area Link:
Document Type: Phase 1
Date Completed: 8/29/2014
Comments: This is the Phase 2. [Phase 2 "Document Type" Unavailable]

Title: LUR- Annual Site Inspection
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60002049&enforcement_id=60434728
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Land Use Restriction - Site Inspection/Visit
Date Completed: 2/5/2020
Comments:

Title: FY 1516 Annual Oversight Cost Estimate
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60002049&enforcement_id=60401683
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Annual Oversight Cost Estimate
Date Completed: 10/7/2015
Comments: Annual Cost Estimate for FY 1516 completed.

Title: Phase1 & Phase 2 Site Assessments
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60002049&doc_id=60375078
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Site Screening
Date Completed: 8/26/2014
Comments: Additional SSI Characterization is needed.

Title: LUR- Annual Site Inspection
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60002049&enforcement_id=60407142
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Land Use Restriction - Site Inspection/Visit
Date Completed: 10/26/2017
Comments: Site inspection was completed on 10/26/2017

Title: Public Notice
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60002049&doc_id=60402588
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Public Notice
Date Completed: 12/2/2015
Comments: The Public Notice has been published.

Title: FY 20/21 Project Management
Title Link: https://www.envirostor.dtsc.ca.gov/public/
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Project Management
Date Completed: 6/30/2021
Comments:

Title: FY 20/21 Annual Oversight Cost Estimate
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60002049&enforcement_id=60491959
Area Name:

Area Link:
Sub Area:
Sub Area Link:
Document Type: Annual Oversight Cost Estimate
Date Completed: 1/26/2021
Comments: Mailed to RP

Title: Supplemental Site Investigation Work Plan
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60002049&doc_id=60384766
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Site Characterization Workplan
Date Completed: 3/30/2015
Comments:

Title: FY 19/20 Annual Oversight Cost Estimate
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60002049&enforcement_id=60471002
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Annual Oversight Cost Estimate
Date Completed: 10/25/2019
Comments:

Title: LUC
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60002049&enforcement_id=60401811
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Land Use Restriction
Date Completed: 12/28/2015
Comments:

Title: Phase 1
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60002049&doc_id=60379106
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Phase 1
Date Completed: 9/2/2014
Comments:

Title: Voluntary Cleanup Agreement Docket #HSA-VCA 14/15-004
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60002049&enforcement_id=60373947
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Standard Voluntary Agreement
Date Completed: 8/11/2014
Comments: Voluntary Cleanup Agreement Fully Executed.

Title: FY 16/17 Annual Oversight Cost Estimate
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60002049&enforcement_id=60414547
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Annual Oversight Cost Estimate
Date Completed: 9/9/2016
Comments: FY1617 Annual Oversight Cost Estimate letter mailed.

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
88	1 of 1	WNW	0.64 / 3,381.97	148.41 / 6	KOP COAT, INC. 5431 DISTRICT BOULEVARD VERNON CA 90040	ENVIROSTOR

Estor/EPA ID: 60002176
Site Code: 301704
Nat Priority List: NO
APN: NONE SPECIFIED
Census Tract: 6037532304
Site Type: VOLUNTARY CLEANUP
Address Description: 5431 DISTRICT BOULEVARD
Office: CLEANUP CHATSWORTH
Special Program: VOLUNTARY CLEANUP PROGRAM
Funding: SITE PROPONENT
Assembly District: , 53
Senate District: , 33
Permit Renewal Lead:
Public Partici Spclst:
Project Manager: NARINE AGHAKIANT
County: LOS ANGELES
Latitude: 33.991219
Longitude: -118.178189
Acres: 1.8 ACRES
Supervisor: ALLAN PLAZA
Cleanup Status: ACTIVE AS OF 4/23/2015
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:

The site was used to produce industrial paints and coatings from the late 1930s through 2008.

Status: ACTIVE
Program Type: VOLUNTARY CLEANUP
CalEnviroScreen Score: 96-100%
Summary Link: https://www.envirostor.dtsc.ca.gov/public/profile_report?global_id=60002176

Currently Scheduled Activities

Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Supplemental Site Investigation Report
Due Date: 5/30/2022
Revised Date:

Future Activities

Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Removal Action Workplan
Due Date: 2022

Completed Activities

Title: Implementation of 2017 Work Plan (Report)
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60002176&doc_id=60411095
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Site Characterization Report
Date Completed: 7/2/2019
Comments:

Title: Response to Comments Discussed in 2019 Meetings and Detailed in DTSC Letters
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60002176&doc_id=60476774

Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Technical Report
Date Completed: 8/20/2020
Comments:

Title: Comprehensive analytical data
Title Link: https://www.envirostor.dtsc.ca.gov/public/
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Correspondence
Date Completed: 12/3/2019
Comments:

Title: SUPPLEMENTAL SITE INVESTIGATION
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60002176&doc_id=60420846
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Fieldwork
Date Completed: 2/7/2017
Comments:

Title: SSI Workplan
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60002176&doc_id=60411093
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Site Characterization Workplan
Date Completed: 6/2/2017
Comments:

Title: Preliminary Endangerment Assessment Report Equivalent
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60002176&doc_id=60393534
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Preliminary Endangerment Assessment Report
Date Completed: 7/21/2015
Comments: Further Action Required

Title: VCA for Kop Coat
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60002176&enforcement_id=60391964
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Standard Voluntary Agreement
Date Completed: 5/4/2015
Comments: Final Signed VCA Kop Coat

Title: Current Conditions Report
Title Link: https://www.envirostor.dtsc.ca.gov/public/
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Other Report
Date Completed: 7/18/2016
Comments:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
89	1 of 1	ESE	0.72 / 3,821.97	136.41 / -6	WEA MANUFACTURING COMMERCE 6110 PEACHTREE STREET LOS ANGELES CA 90040	ENVIROSTOR

Estor/EPA ID: 71003755
Site Code:
Nat Priority List: NO
APN: NONE SPECIFIED
Census Tract: 6037532304
Site Type: TIERED PERMIT
Address Description: 6110 PEACHTREE STREET
Office: CLEANUP CHATSWORTH
Special Program:
Funding:
Cleanup Status: REFER: OTHER AGENCY AS OF
Cleanup Oversight Agencies: NONE SPECIFIED
School District:
Past Use that Caused Contam: NONE SPECIFIED
Potential Media Affected: NONE SPECIFIED
Potential Contamin of Concern:

NONE SPECIFIED

Site History:

Assembly District: 58
Senate District: 32
Permit Renewal Lead:
Public Partici Spclst:
Project Manager:
County: LOS ANGELES
Latitude: 33.9828383
Longitude: -118.1541373
Acres: NONE SPECIFIED
Supervisor:

Status: REFER: OTHER AGENCY
Program Type: TIERED PERMIT
CalEnviroScreen Score: 96-100%
Summary Link: https://www.envirostor.dtsc.ca.gov/public/profile_report?global_id=71003755

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
90	1 of 1	NNW	0.74 / 3,927.09	147.59 / 5	CHELI AFS BELL CA 90201	ENVIROSTOR

Estor/EPA ID: 80000162
Site Code:
Nat Priority List: NO
APN: NONE SPECIFIED
Census Tract: 6037532304
Site Type: FUDS
Address Description:
Office: CLEANUP CYPRESS
Special Program:
Funding: DERA
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:

Assembly District: 53
Senate District: 33
Permit Renewal Lead:
Public Partici Spclst:
Project Manager:
County: LOS ANGELES
Latitude: 33.9988888888889
Longitude: -118.170555555556
Acres: 91 ACRES
Supervisor: PATRICK HSIEH

FROM THE CORPS PUBLIC GIS SYSTEM: Property Description - The 91.48-acre site, acquired in 1943 for an Army air field, is located in Bell, California, immediately east of 1-710 (Long Beach Freeway) and 0.5 mile south of 1-5 (Santa Ana Freeway). In 1972, the property was transferred from GSA to the USPS. The method of transfer required that the USPS would have to reimburse GSA either in funds or by exchange of other USPS-owned property at fair market value. It appears that USPS paid fair market value for the land. None of the transfers mention restoration. The final transfer of 64.68 acres of land to the USPS was by letter dated 23 January 1976. The remaining 27 acres of the former Cheli AFS were transferred to the U.S. Army in 1974 for the Patton United States Army Reserve enter. Currently, approximately 27 acres remain the property of the Army Reserves. The remaining area is being owned and used by private interests and the Postal Service, who uses their property for a bulk mail handling facility.

Property History - The 91.48-acre site was acquired in 1943 for an Army air field, constructed for the US Army as Cheli Army Airfield. Real estate property responsibility transferred to U.S. Air force when the Air Force became separate branch. The Army transferred property to GSA 1961. GSA transferred property to U.S. Postal Service in 1976. Currently, approximately 27 acres remain the property of the Army Reserves. The remaining area is being owned and used by private interests and the Postal Service, who uses their property for a bulk mail handling facility.

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Status: INACTIVE - NEEDS EVALUATION
Program Type: MILITARY EVALUATION
CalEnviroScreen Score: 96-100%
Summary Link: https://www.envirostor.dtsc.ca.gov/public/profile_report?global_id=80000162

Completed Activities

Title: FUDS screening project.
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=80000162&doc_id=60385906
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Site Screening
Date Completed: 8/20/2015
Comments:

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91 | **1 of 1** | **NW** | **0.79 / 4,149.54** | **151.49 / 9** | **PATTON HALL - US ARMY RESERVE CENTER**
5340 BANDINI BLVD.
BELL CA 90040
ENVIROSTOR

Estor/EPA ID: 19970026
Site Code:
Nat Priority List: NO
APN: NONE SPECIFIED
Census Tract: 6037532304
Site Type: EVALUATION
Address Description: 5340 BANDINI BLVD.
Office: CLEANUP CYPRESS
Special Program:
Funding: NOT APPLICABLE
Assembly District: 50
Senate District:
Permit Renewal Lead:
Public Partici Spclst:
Project Manager:
County: LOS ANGELES
Latitude: 33.998086
Longitude: -118.174734
Acres: NONE SPECIFIED
Supervisor:
Cleanup Status: REFER: 1248 LOCAL AGENCY AS OF 1/28/2005
Cleanup Oversight Agencies: NONE SPECIFIED
School District:
Past Use that Caused Contam: NONE SPECIFIED
Potential Media Affected: NONE SPECIFIED
Potential Contamin of Concern:

NONE SPECIFIED

Site History:

Status: REFER: 1248 LOCAL AGENCY
Program Type: EVALUATION
CalEnviroScreen Score: 96-100%
Summary Link: https://www.envirostor.dtsc.ca.gov/public/profile_report?global_id=19970026

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92 | **1 of 1** | **ENE** | **0.80 / 4,215.47** | **140.41 / -2** | **PRESSURE SYSTEMS, INC.**
6033 E. BANDINI BOULEVARD
COMMERCE CA 90040
ENVIROSTOR

Estor/EPA ID: 71002156
Site Code:
Nat Priority List: NO
APN: NONE SPECIFIED
Census Tract: 6037532304
Site Type: TIERED PERMIT
Address Description: 6033 E. BANDINI BOULEVARD
Office: CLEANUP CHATSWORTH
Special Program:
Funding:
Assembly District: 58
Senate District: 32
Permit Renewal Lead:
Public Partici Spclst:
Project Manager:
County: LOS ANGELES
Latitude: 33.990957
Longitude: -118.152033
Acres: NONE SPECIFIED
Supervisor:
Cleanup Status: REFER: OTHER AGENCY AS OF
Cleanup Oversight Agencies: NONE SPECIFIED

School District:
Past Use that Caused Contam: NONE SPECIFIED
Potential Media Affected: NONE SPECIFIED
Potential Contamin of Concern:

NONE SPECIFIED

Site History:

Status: REFER: OTHER AGENCY
Program Type: TIERED PERMIT
CalEnviroScreen Score: 96-100%
Summary Link: https://www.envirostor.dtsc.ca.gov/public/profile_report?global_id=71002156

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93 | ***1 of 1*** | ***ENE*** | ***0.81 / 4,275.20*** | ***141.20 / -1*** | ***COMPASS MANAGEMENT AND LEASING OF IRVINE 6033 BANDINI BLVD. COMMERCE CA 90022*** | ***ENVIROSTOR***

Estor/EPA ID: 19380057
Site Code:
Nat Priority List: NO
APN: 6332006002
Census Tract: 6037532304
Site Type: * HISTORICAL
Address Description: 6033 BANDINI BLVD.
Office: CLEANUP CHATSWORTH
Special Program:
Funding:
Assembly District: 58
Senate District: 32
Permit Renewal Lead:
Public Partici Spclst:
Project Manager:
County: LOS ANGELES
Latitude: 33.9909566362253
Longitude: -118.152033379605
Acres: NONE SPECIFIED
Supervisor:
Cleanup Status: REFER: OTHER AGENCY AS OF 7/28/1994
Cleanup Oversight Agencies: NONE SPECIFIED
School District:
Past Use that Caused Contam: NONE SPECIFIED
Potential Media Affected: NONE SPECIFIED
Potential Contamin of Concern:

METALS
UNCATEGORIZED

Site History:

Status: REFER: OTHER AGENCY
Program Type: HISTORICAL
CalEnviroScreen Score: 96-100%
Summary Link: https://www.envirostor.dtsc.ca.gov/public/profile_report?global_id=19380057

Completed Activities

Title: Site Screening
Title Link: https://www.envirostor.dtsc.ca.gov/public/
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Site Screening
Date Completed: 7/28/1994
Comments: This is a generator and will be forwarded to L.A. County HW Program, attention: Jim Nishida.

Title: Site Screening
Title Link: https://www.envirostor.dtsc.ca.gov/public/
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Site Screening
Date Completed: 8/18/1992

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Comments:					TRW PSI relocated to the site in 1988 and started full operation at the site in 1989 for design and manufacturing of titanium pressure vessel used in spacecraft applications. Prior to relocation, TRW assessed the site and identified potential impacts at several areas. Analytical data revealed the presence of toluene (240 ppm), TPH (2,600 ppm), and 1,1,1-trichloroethane (130 ppm) at 6 feet below the groundsurface adjacent to a paint spray booth. Also, in another area where oil-stainted soils were observed. Analytical data shows the presence of TPH is 52,000 ppm. A PEA is required due to the evidence of contamination at the site.		

94	1 of 2	W	0.84 / 4,433.90	149.41 / 7	**SOUTH REGION HIGH SCHOOL #8, SITE 18** **BETWEEN E SLAUSON AVE/MAYFLOWER AVE/KING AVE/E 57TH ST** **MAYWOOD CA 90720**	ENVIROSTOR

Estor/EPA ID:	60001075	**Assembly District:**	63
Site Code:	304621	**Senate District:**	33
Nat Priority List:	NO	**Permit Renewal Lead:**	
APN:	NONE SPECIFIED	**Public Partici Spclst:**	
Census Tract:	6037533701	**Project Manager:**	ANGELA GARCIA
Site Type:	SCHOOL	**County:**	LOS ANGELES
Address Description:	BETWEEN E SLAUSON AVE/MAYFLOWER AVE/KING AVE/E 57TH ST	**Latitude:**	33.9877
Office:	SOUTHERN CALIFORNIA SCHOOLS & BROWNFIELDS OUTREACH	**Longitude:**	-118.1824
Special Program:		**Acres:**	9.4 ACRES
Funding:	SCHOOL DISTRICT	**Supervisor:**	SHAHIR HADDAD

Cleanup Status: CERTIFIED AS OF 2/17/2015
Cleanup Oversight Agencies: DTSC - SITE CLEANUP PROGRAM - LEAD AGENCY
School District: LOS ANGELES UNIFIED SCHOOL DISTRICT
Past Use that Caused Contam: LAUNDRY SERVICES, RESIDENTIAL AREA, UNDERGROUND STORAGE TANKS, VEHICLE MAINTENANCE
Potential Media Affected: SOIL
Potential Contamin of Concern:

METALS
PETROLEUM
POLYNUCLEAR AROMATIC HYDROCARBONS (PAHS)
VOLATILE ORGANICS (8260B VOCS)

Site History:

The proposed South Region High School #8 site (Site) is approximately 9.4 acres and is bounded by East 57th Street to the north, Mayflower Avenue to the east, East Slauson Avenue to the south, and King Avenue to the west in the City of Maywood. The Site has historically been used for light industrial activities, with various commercial and residential properties. To evaluate the impact from historical operations, the Site was investigated for TPH, volatile organic compounds (VOCs), metals, semi-volatile organic compounds (SVOCs), polycyclic aromatic hydrocarbons (PAHs), polychlorinated biphenyls (PCBs), lead, and OCPs. On June 30, 2010, DTSC determined further action was required for VOCs, lead, and OCPs based on the findings of the Supplemental Site Investigation conducted for the Site.

On December 21, 2012, DTSC approved the Remedial Action Plan (RAP) for public comment period provided that DTSC completes the Responsible Agency Checklist and Amendment to the Environmental Impact Report. In addition, prior to the RAP review and approval, DTSC requested additional soil vapor survey in the southwest corner of the Site to determine the current condition of the soil gas prior to implementing the RAP.

On November 2013 and February 2014, LAUSD conducted confirmation soil vapor surveys to determine current site condition and re-evaluate soil gas removal action alternatives for southwestern area of the Site. Sampling results showed PCE, ethylbenzene and naphthalene at levels do not pose a significant risk under unrestricted land use scenario. Based on the sampling results, DTSC on LAUSD's request had determined that no additional sampling or further action for VOCs was required in the southwestern portion for the Site. Subsequently, LAUSD submitted a Removal Action Workplan (RAW) that superseded the previous RAP. The proposed RAW included the removal of 1,484 cubic yards of soil impacted with lead, arsenic, OCPs, and TPH beneath the Site.

A Removal Action Workplan (RAW) was approved for implementation on April 29, 2014 and removal action activities were implemented from July 2014 to October 2014. A total of 1,420 confirmation soil samples were collected and sampled for either lead, arsenic, OCPs (chlordane, DDT, DDE, DDD, dieldrin) and TPH following excavation of impacted soil at the Site.

The Removal Action Completion Report (RACR) documents the removal of approximately 3,183 tons of soil impacted of which; 1,301 tons of non-hazardous waste was transported to Chiquita Canyon Landfill, 1,881 tons of Cal-hazardous waste was transported to La Paz County Landfill and 1.3 tons of Resource Conservation and Recovery Act (RCRA), waste was shipped Crosby and Overton and later transferred to US Ecology facility in Beatty, Nevada. Based on sampling results, the RCAR concludes that all remedial action goals have been met and recommends no further action for the Site. DTSC concurred with these conclusions and recommendations of the RACR and approved it on February 17, 2015.

Status: CERTIFIED

Program Type: SCHOOL CLEANUP
CalEnviroScreen Score: 91-95%
Summary Link: https://www.envirostor.dtsc.ca.gov/public/profile_report?global_id=60001075

Completed Activities

Title: Field work oversight during RAW Implemtation
Title Link: https://www.envirostor.dtsc.ca.gov/public/
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Fieldwork
Date Completed: 9/8/2014
Comments: DTSC conducted field work oversight during removal action activities.

Title: Addendum To The South Region High School No. 8 Environemental Impact Report
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60001075&enforcement_id=60358886
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: CEQA - Initial Study/ Environmental Impact Report
Date Completed: 4/28/2014
Comments:

Title: Community Notice- Spanish
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60001075&doc_id=60337250
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Fact Sheets
Date Completed: 12/17/2013
Comments:

Title: SSI Groundwater Tech Memo
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60001075&doc_id=6028601
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Supplemental Site Investigation Tech Memo
Date Completed: 10/28/2009
Comments: DTSC approved the Tech Memo for implementation. 3 additional groundwater monitoring wells will be installed.

Title: NFA letter
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60001075&enforcement_id=60375427
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: No Further Action Letter
Date Completed: 2/17/2015
Comments:

Title: Field work overight during RAW Implementation
Title Link: https://www.envirostor.dtsc.ca.gov/public/
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Fieldwork
Date Completed: 9/22/2014
Comments: DTSC conducted field work oversight during removal action activities.

Title: Scoping Document
Title Link: https://www.envirostor.dtsc.ca.gov/public/

Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Preliminary Endangerment Assessment Workplan
Date Completed: 7/7/2009
Comments: DTSC concurred with the Scoping document via e-mail.

Title: Maywood Responsible Agency Checklist
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60001075&enforcement_id=60345669
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: CEQA - Responsible Agency Review
Date Completed: 12/17/2013
Comments:

Title: Master LAUSD SCA
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60001075&enforcement_id=60315309
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: School Cleanup Agreement
Date Completed: 2/20/2013
Comments: Fully executed MSCA sent (FedEx) to District.

Title: RAW Certification
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60001075&enforcement_id=60375428
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Certification
Date Completed: 9/28/2015
Comments:

Title: Annual Cost Estimate FY 14/15
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60001075&enforcement_id=60376689
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Annual Oversight Cost Estimate
Date Completed: 9/8/2014
Comments:

Title: Field work overight during implementation of the RAW
Title Link: https://www.envirostor.dtsc.ca.gov/public/
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Fieldwork
Date Completed: 9/2/2014
Comments: DTSC conducted field work oversight during removal action activities.

Title: Field work oversight during implementation of the RAW
Title Link: https://www.envirostor.dtsc.ca.gov/public/
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Fieldwork
Date Completed: 8/19/2014
Comments: DTSC conducted field work activities during removal action activities.

Title: Public notice-Spanish

Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60001075&doc_id=60337254
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Public Notice
Date Completed: 12/17/2013
Comments:

Title: Request for SFPD 4.15 Form
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60001075&doc_id=60315393
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: 4.15 Request
Date Completed: 12/22/2012
Comments:

Title: Annual Cost Estimate FY 15/16
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60001075&enforcement_id=60400294
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Annual Oversight Cost Estimate
Date Completed: 9/22/2015
Comments: Annual Cost Estimate emailed and mailed to LAUSD.

Title: Supplemental Site Investigation Report for Soil Within Properties on 57th and 58th Street
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60001075&doc_id=60388520
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Supplemental Site Investigation Report
Date Completed: 12/30/2014
Comments:

Title: Field work oversight during implementation of the RAW.
Title Link: https://www.envirostor.dtsc.ca.gov/public/
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Fieldwork
Date Completed: 8/26/2014
Comments: Field work activities were conducted during removal action activities.

Title: Public Participation Plan
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60001075&doc_id=60334834
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Public Participation Plan / Community Relations Plan
Date Completed: 12/18/2013
Comments:

Title: Phase 1 Environmental Site Assessment
Title Link: https://www.envirostor.dtsc.ca.gov/public/
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Other Report
Date Completed: 4/6/2009
Comments: Phase I submitted for DTSC review as background information.

Title: Supplemental Soil Vapor Survey- Technical Memorandum
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60001075&doc_id=60353861
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Supplemental Site Investigation Tech Memo
Date Completed: 12/29/2014
Comments:

Title: Work Notice for RAW Implementation
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60001075&doc_id=60362592
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Work Notice
Date Completed: 6/14/2014
Comments:

Title: Removal Action Worplan
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60001075&doc_id=60345586
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Removal Action Workplan
Date Completed: 4/29/2014
Comments:

Title: Public notice- English
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60001075&doc_id=60337252
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Public Notice
Date Completed: 12/17/2013
Comments:

Title: Remedial Design Document
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60001075&doc_id=60304517
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Remedial Design - Preliminary/Intermediate
Date Completed: 4/16/2013
Comments:

Title: Removal Action Completion Report
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60001075&doc_id=60375425
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Removal Action Completion Report
Date Completed: 2/17/2015
Comments:

Title: Final Environmental Impact Report
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60001075&enforcement_id=60300861
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: CEQA - Initial Study/ Environmental Impact Report
Date Completed: 1/6/2013
Comments:

Title: SSI Report
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60001075&doc_id=60192581
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Supplemental Site Investigation Report
Date Completed: 6/30/2010
Comments:

Title: Preliminary Environmental Assessment Report
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60001075&doc_id=6026701
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Preliminary Endangerment Assessment Report
Date Completed: 10/27/2009
Comments:

Title: Notice of Determination for Responsible Agency
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60001075&enforcement_id=60352922
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: CEQA - Responsible Agency Review
Date Completed: 4/28/2014
Comments:

Title: Community Notice- English
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60001075&doc_id=60337248
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Fact Sheets
Date Completed: 12/17/2013
Comments:

Title: Court ruling regarding LAUSD SRHS 8 EIR
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60001075&doc_id=60268842
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: *Correspondence - Received
Date Completed: 3/16/2011
Comments: Court has ruled that LAUSD did not properly evaluate/address environmental impacts associated with the proposed SRHS 8 school Site. LAUSD will be placing the project on hold until matter is resolved.

Title: Master LAUSD EOA
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60001075&enforcement_id=60265363
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Environmental Oversight Agreement
Date Completed: 10/11/2010
Comments:

Title: PEA Report Public Hearing Transcripts
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60001075&doc_id=6028309
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Public Notice

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Date Completed: 10/15/2009
Comments: DTSC received official PEA Public Hearing Transcripts.

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94 | **2 of 2** | **W** | **0.84 / 4,433.90** | **149.41 / 7** | **SOUTH REGION HIGH SCHOOL #8, SITE 18**
BETWEEN E SLAUSON AVE/MAYFLOWER AVE/KING AVE/E 57TH ST
MAYWOOD CA 90720 | **SCH**

Estor/EPA ID: 60001075
Site Code: 304621
Nat Priority List: NO
Acres: 9.4 ACRES
Special Program:
Funding: SCHOOL DISTRICT
Assembly District: 63
Senate District: 33
Permit Renewal Lead:
Project Manager: ANGELA GARCIA
Supervisor: SHAHIR HADDAD
Public Partici Spclst:
Census Tract: 6037533701
County: LOS ANGELES
Latitude: 33.9877
Longitude: -118.1824
School District: LOS ANGELES UNIFIED SCHOOL DISTRICT
APN: NONE SPECIFIED
Cleanup Status: CERTIFIED AS OF 2/17/2015
Cleanup Oversight Agencies: DTSC - SITE CLEANUP PROGRAM - LEAD AGENCY
Site Type: SCHOOL
Office: SOUTHERN CALIFORNIA SCHOOLS & BROWNFIELDS OUTREACH
Past Use that Caused Contam: LAUNDRY SERVICES, RESIDENTIAL AREA, UNDERGROUND STORAGE TANKS, VEHICLE MAINTENANCE
Potential Media Affected: SOIL
Potential Contamin of Concern:

METALS
PETROLEUM
POLYNUCLEAR AROMATIC HYDROCARBONS (PAHS)
VOLATILE ORGANICS (8260B VOCS)

SITE HISTORY:

The proposed South Region High School #8 site (Site) is approximately 9.4 acres and is bounded by East 57th Street to the north, Mayflower Avenue to the east, East Slauson Avenue to the south, and King Avenue to the west in the City of Maywood. The Site has historically been used for light industrial activities, with various commercial and residential properties. To evaluate the impact from historical operations, the Site was investigated for TPH, volatile organic compounds (VOCs), metals, semi-volatile organic compounds (SVOCs), polycyclic aromatic hydrocarbons (PAHs), polychlorinated biphenyls (PCBs), lead, and OCPs. On June 30, 2010, DTSC determined further action was required for VOCs, lead, and OCPs based on the findings of the Supplemental Site Investigation conducted for the Site.

On December 21, 2012, DTSC approved the Remedial Action Plan (RAP) for public comment period provided that DTSC completes the Responsible Agency Checklist and Amendment to the Environmental Impact Report. In addition, prior to the RAP review and approval, DTSC requested additional soil vapor survey in the southwest corner of the Site to determine the current condition of the soil gas prior to implementing the RAP.

On November 2013 and February 2014, LAUSD conducted confirmation soil vapor surveys to determine current site condition and re-evaluate soil gas removal action alternatives for southwestern area of the Site. Sampling results showed PCE, ethylbenzene and naphthalene at levels do not pose a significant risk under unrestricted land use scenario. Based on the sampling results, DTSC on LAUSD's request had determined that no additional sampling or further action for VOCs was required in the southwestern portion for the Site. Subsequently, LAUSD submitted a Removal Action Workplan (RAW) that superseded the previous RAP. The proposed RAW included the removal of 1,484 cubic yards of soil impacted with lead, arsenic, OCPs, and TPH beneath the Site.

A Removal Action Workplan (RAW) was approved for implementation on April 29, 2014 and removal action activities were implemented from July 2014 to October 2014. A total of 1,420 confirmation soil samples were collected and sampled for either lead, arsenic, OCPs (chlordane, DDT, DDE, DDD, dieldrin) and TPH following excavation of impacted soil at the Site.

The Removal Action Completion Report (RACR) documents the removal of approximately 3,183 tons of soil impacted of which; 1,301 tons of non-hazardous waste was transported to Chiquita Canyon Landfill, 1,881 tons of Cal-hazardous waste was transported to La Paz County Landfill and 1.3 tons of Resource Conservation and Recovery Act (RCRA), waste was shipped Crosby and Overton and later transferred to US Ecology facility in Beatty, Nevada. Based on sampling results, the RCAR concludes that all remedial action goals have been met and recommends no further action for the Site. DTSC concurred with these conclusions and recommendations of the RACR and approved it on February 17, 2015.

Status: CERTIFIED
Program Type: SCHOOL CLEANUP
CalEnviroScreen Score: 91-95%
Summary Link: https://www.envirostor.dtsc.ca.gov/public/profile_report?global_id=60001075

Completed Activities

Title: Supplemental Site Investigation Report for Soil Within Properties on 57th and 58th Street
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60001075&doc_id=60388520
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Supplemental Site Investigation Report
Date Completed: 12/30/2014
Comments:

Title: Addendum To The South Region High School No. 8 Environemental Impact Report
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60001075&enforcement_id=60358886
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: CEQA - Initial Study/ Environmental Impact Report
Date Completed: 4/28/2014
Comments:

Title: Field work overight during RAW Implementation
Title Link: https://www.envirostor.dtsc.ca.gov/public/
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Fieldwork
Date Completed: 9/22/2014
Comments: DTSC conducted field work oversight during removal action activities.

Title: Scoping Document
Title Link: https://www.envirostor.dtsc.ca.gov/public/
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Preliminary Endangerment Assessment Workplan
Date Completed: 7/7/2009
Comments: DTSC concurred with the Scoping document via e-mail.

Title: RAW Certification
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60001075&enforcement_id=60375428
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Certification
Date Completed: 9/28/2015
Comments:

Title: Public notice-Spanish
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60001075&doc_id=60337254
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Public Notice
Date Completed: 12/17/2013
Comments:

Title: Request for SFPD 4.15 Form
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60001075&doc_id=60315393
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: 4.15 Request

Date Completed: 12/22/2012
Comments:

Title: Removal Action Worplan
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60001075&doc_id=60345586
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Removal Action Workplan
Date Completed: 4/29/2014
Comments:

Title: Public notice- English
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60001075&doc_id=60337252
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Public Notice
Date Completed: 12/17/2013
Comments:

Title: Public Participation Plan
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60001075&doc_id=60334834
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Public Participation Plan / Community Relations Plan
Date Completed: 12/18/2013
Comments:

Title: SSI Report
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60001075&doc_id=60192581
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Supplemental Site Investigation Report
Date Completed: 6/30/2010
Comments:

Title: Community Notice- English
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60001075&doc_id=60337248
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Fact Sheets
Date Completed: 12/17/2013
Comments:

Title: Supplemental Soil Vapor Survey- Technical Memorandum
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60001075&doc_id=60353861
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Supplemental Site Investigation Tech Memo
Date Completed: 12/29/2014
Comments:

Title: Preliminary Environmental Assessment Report
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60001075&doc_id=6026701
Area Name:
Area Link:
Sub Area:
Sub Area Link:

Document Type: Preliminary Endangerment Assessment Report
Date Completed: 10/27/2009
Comments:

Title: Notice of Determination for Responsible Agency
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60001075&enforcement_id=60352922
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: CEQA - Responsible Agency Review
Date Completed: 4/28/2014
Comments:

Title: Annual Cost Estimate FY 14/15
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60001075&enforcement_id=60376689
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Annual Oversight Cost Estimate
Date Completed: 9/8/2014
Comments:

Title: Field work oversight during implementation of the RAW.
Title Link: https://www.envirostor.dtsc.ca.gov/public/
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Fieldwork
Date Completed: 8/26/2014
Comments: Field work activities were conducted during removal action activities.

Title: PEA Report Public Hearing Transcripts
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60001075&doc_id=6028309
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Public Notice
Date Completed: 10/15/2009
Comments: DTSC received official PEA Public Hearing Transcripts.

Title: Community Notice- Spanish
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60001075&doc_id=60337250
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Fact Sheets
Date Completed: 12/17/2013
Comments:

Title: Master LAUSD SCA
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60001075&enforcement_id=60315309
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: School Cleanup Agreement
Date Completed: 2/20/2013
Comments: Fully executed MSCA sent (FedEx) to District.

Title: Field work overight during implementation of the RAW
Title Link: https://www.envirostor.dtsc.ca.gov/public/
Area Name:
Area Link:
Sub Area:

Sub Area Link:
Document Type: Fieldwork
Date Completed: 9/2/2014
Comments: DTSC conducted field work oversight during removal action activities.

Title: Work Notice for RAW Implementation
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60001075&doc_id=60362592
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Work Notice
Date Completed: 6/14/2014
Comments:

Title: Remedial Design Document
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60001075&doc_id=60304517
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Remedial Design - Preliminary/Intermediate
Date Completed: 4/16/2013
Comments:

Title: SSI Groundwater Tech Memo
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60001075&doc_id=6028601
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Supplemental Site Investigation Tech Memo
Date Completed: 10/28/2009
Comments: DTSC approved the Tech Memo for implementation. 3 additional groundwater monitoring wells will be installed.

Title: Field work oversight during implementation of the RAW
Title Link: https://www.envirostor.dtsc.ca.gov/public/
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Fieldwork
Date Completed: 8/19/2014
Comments: DTSC conducted field work activities during removal action activities.

Title: Phase 1 Environmental Site Assessment
Title Link: https://www.envirostor.dtsc.ca.gov/public/
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Other Report
Date Completed: 4/6/2009
Comments: Phase I submitted for DTSC review as background information.

Title: Final Environmental Impact Report
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60001075&enforcement_id=60300861
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: CEQA - Initial Study/ Environmental Impact Report
Date Completed: 1/6/2013
Comments:

Title: NFA letter
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60001075&enforcement_id=60375427
Area Name:
Area Link:

Sub Area:
Sub Area Link:
Document Type: No Further Action Letter
Date Completed: 2/17/2015
Comments:

Title: Maywood Responsible Agency Checklist
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60001075&enforcement_id=60345669
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: CEQA - Responsible Agency Review
Date Completed: 12/17/2013
Comments:

Title: Removal Action Completion Report
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60001075&doc_id=60375425
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Removal Action Completion Report
Date Completed: 2/17/2015
Comments:

Title: Court ruling regarding LAUSD SRHS 8 EIR
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60001075&doc_id=60268842
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: *Correspondence - Received
Date Completed: 3/16/2011
Comments: Court has ruled that LAUSD did not properly evaluate/address environmental impacts associated with the proposed SRHS 8 school Site. LAUSD will be placing the project on hold until matter is resolved.

Title: Field work oversight during RAW Implemtation
Title Link: https://www.envirostor.dtsc.ca.gov/public/
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Fieldwork
Date Completed: 9/8/2014
Comments: DTSC conducted field work oversight during removal action activities.

Title: Annual Cost Estimate FY 15/16
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60001075&enforcement_id=60400294
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Annual Oversight Cost Estimate
Date Completed: 9/22/2015
Comments: Annual Cost Estimate emailed and mailed to LAUSD.

Title: Master LAUSD EOA
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60001075&enforcement_id=60265363
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Environmental Oversight Agreement
Date Completed: 10/11/2010
Comments:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
95	1 of 1	WNW	0.89 / 4,705.76	155.41 / 13	FORMER THERMADOR INDUSTRIAL SITE 5119-5309 DISTRICT BOULEVARD VERNON CA 90058	ENVIROSTOR

Estor/EPA ID: 60001916
Site Code: 301629, 301756
Nat Priority List: NO
APN: NONE SPECIFIED
Census Tract: 6037532304
Site Type: VOLUNTARY CLEANUP
Address Description: 5119-5309 DISTRICT BOULEVARD
Office: CLEANUP CHATSWORTH
Special Program: VOLUNTARY CLEANUP PROGRAM
Funding: SITE PROPONENT
Assembly District: 34, 63
Senate District: 33
Permit Renewal Lead:
Public Partici Spclst:
Project Manager: PATRICK MOVLAY
County: LOS ANGELES
Latitude: 33.99291
Longitude: -118.18208
Acres: 10.5 ACRES
Supervisor: JULI PROPES
Cleanup Status: ACTIVE AS OF 8/12/2013
Cleanup Oversight Agencies: DTSC - SITE CLEANUP PROGRAM - LEAD AGENCY
School District:
Past Use that Caused Contam: MACHINE SHOP, MANUFACTURING - METAL, MANUFACTURING - OTHER, PAINT/DEPAINT FACILITY
Potential Media Affected: SOIL, SOIL VAPOR
Potential Contamin of Concern:

1,1,1,2-TETRACHLOROETHANE
1,1,2,2-TETRACHLOROETHANE
LEAD
TRICHLOROETHYLENE (TCE)

Site History:

The property has been subjected to numerous environmental investigations and remedial actions since 1997. In August 2011, Phase I and Phase II Environmental Site Assessments were conducted at the property indicating the presence of residual, elevated concentrations of shallow metals contaminated soil under the southeastern portion of the site and residual, elevated concentrations of tetrachloroethene (aka perchloroethene aka PCE) and trichloroethene (aka TCE) degreasing solvents under the south-central portion of the site. Hazardous concentrations of barium, lead, and nickel were measured in soil boring at a depth of five feet. Maximum soil gas concentrations of PCE and TCE were measured at 180 and 210 ppbillion. In November 2011, a Human Health Risk Assessment (HHRA) was conducted by Environmental Health Decisions (EHD) on behalf of the City of Vernon Health Department, indicating elevated concentrations of metals (especially lead) present an unacceptable health risk that requires mitigation (i.e. excavation and offsite disposal) prior to site development. Elevated concentrations of volatile organic compounds especially PCE and TCE present an unacceptable health risk to potential future residential occupants and/or indoor commercial workers without implementing additional remedial or mitigation measures. Upon review of the HHRA conclusions and available remedial actions, the City of Vernon (owner) conducted discussions with the purchaser/developer of the subject property concerning acceptable remedial actions. A consensus was reached to implement excavation and offsite disposal of metals contaminated soil and treatment of elevated volatile contaminant concentrations by soil vapor extraction (SVE). In addition, the City of Vernon contracted with PIC to assess groundwater quality and other conditions from the three completed wells (VEW1, VEW2, and VEW3). The SVE system started in 2/2013. The City of Vernon and DTSC entered into a Voluntary Cleanup Agreement (VCA) in 8/2013 to oversee the cleanup and completion of the project. In 11/19/2013, DTSC and City of Vernon entered into an amended VCA to conduct investigation and Cleanup in three designated Operational Units (OUs). OU1 is a 2 acre portion in the southwest side of the property, intended for residential redevelopment. The remaining 8.5 acre of the property is designated as OU2. OU3 is the groundwater underlying OU2. On 1/10/2014, DTSC issued a No Further Action Determination letter for OU1. In 2015, OU2 was cleaned up up to the industrial scenario by the SVE system and the injection of the oxidizer in to the source area. Based on the approved Risk Assessment, DTSC determined that the site is cleaned up industrial level and a Land Use Covenant was recorded to restrict the land use. Thereafter, DTSC and City of Vernon entered in to an Operation and Maintenance Agreement, after DTSC approved the Cost Estimate for the long term operation and maintenance of the soil vapor barrier and the passive ventilation of the newly build commercial building at the Site. In early 2016, the industrial portion of the Former Thermador site was sold by City of Vernon to Golden Estate FC LLC c/o Amazon LAX6 Real Estate. the new property owner and DTSC entered into a new VCA in order for DTSC to oversee the modification and reconstruction of the operation and maintenance plan as part of the building needed to be redeveloped to meet the needs of the new property owner. City of Vernon continues to sample soil gas and indoor air as part of the long term operation and maintenance.

As part of the Groundwater investigation, City of Vernon provided a Current Conditions Report summarizing the Previous investigation data, then took additional groundwater and Soil vapor samples. Based on the Remedial investigation Report on OU3(groundwater) DTSC determined that step out sampling, sampling at the residential street in city of Maywood and additional groundwater sampling is required. Additional groundwater and soil sampling at the Site and within the residential community to the south in the City of Maywood indicated that there may be potential vapor intrusion risk to the Residential community directly to the south of the Site. DTSC will be meeting with the City of Vernon to discuss further sampling to evaluate groundwater at the site and also to evaluate potential vapor intrusion risk to the community by taking indoor air and sub slab sampling in the City of Maywood

Status: ACTIVE - LAND USE RESTRICTIONS
Program Type: VOLUNTARY CLEANUP
CalEnviroScreen Score: 96-100%
Summary Link: https://www.envirostor.dtsc.ca.gov/public/profile_report?global_id=60001916

Land Use Restrictions

Site Management Requirements:
ACTIVITIES PROHIBITED WHICH DISTURB THE REMEDY AND MONITORING SYSTEMS WITHOUT APPROVAL
CHECK FOR CRACKS IN FOUNDATION
DAY CARE CENTER PROHIBITED
ELDER CARE CENTER PROHIBITED
HOSPITAL USE PROHIBITED
LAND USE COVENANT
NO EXCAVATION OF CONTAMINATED SOILS WITHOUT AGENCY REVIEW AND APPROVAL
NO EXCAVATION OR ACTIVITIES WHICH DISTURB THE SOIL BELOW A SPECIFIED DEPTH (SEE COVENANT FOR DEPTH) WITHOUT AGENCY REVIEW AND APPROVAL OF A SOIL MANAGEMENT PLAN
NO GROUNDWATER EXTRACTION AT ANY DEPTH WITHOUT APPROVAL
NOTIFY DAMAGES TO REMEDY AND MONITORING SYSTEMS UPON DISCOVERY
NOTIFY PRIOR TO CHANGE IN LAND USE
NOTIFY PRIOR TO SUBSURFACE WORK
PUBLIC OR PRIVATE SCHOOL FOR PERSONS UNDER 21 PROHIBITED
RAISING OF FOOD PROHIBITED
REQUIRES SURFACE COVERS
RESIDENCE USE PROHIBITED
Title: Land Use Covenant
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?cmd=radocuments&global_id=60001916&enforcement_id=60388434
Date Recorded: 3/26/2015

Future Activities

Area Name: PROJECT WIDE
Area Link: https://www.envirostor.dtsc.ca.gov/public/
Sub Area:
Sub Area Link: https://www.envirostor.dtsc.ca.gov/public/
Document Type: Remedial Investigation Report
Due Date: 2022

Completed Activities

Title: Access Agreement for residential indoor air sampling
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60001916&enforcement_id=60485859
Area Name: PROJECT WIDE
Area Link: https://www.envirostor.dtsc.ca.gov/public/
Sub Area:
Sub Area Link: https://www.envirostor.dtsc.ca.gov/public/
Document Type: Correspondence
Date Completed: 2/24/2021
Comments: Activity completed

Title: Former Thermador_Remedial Investigation Report-Groundwater and Soil Vapor (OU3)
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60001916&doc_id=60486785
Area Name: PROJECT WIDE
Area Link: https://www.envirostor.dtsc.ca.gov/public/
Sub Area:
Sub Area Link: https://www.envirostor.dtsc.ca.gov/public/
Document Type: Site Characterization Report
Date Completed: 11/4/2020
Comments:

Title: Former Thermador Annual Oversight Cost Estimate Letter 2019-2020
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60001916&enforcement_id=60467897
Area Name: PROJECT WIDE
Area Link: https://www.envirostor.dtsc.ca.gov/public/
Sub Area:
Sub Area Link: https://www.envirostor.dtsc.ca.gov/public/
Document Type: Annual Oversight Cost Estimate
Date Completed: 10/11/2019
Comments:

Title: Annual Oversight Cost Estimate

Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60001916&enforcement_id=60436472
Area Name: PROJECT WIDE
Area Link: https://www.envirostor.dtsc.ca.gov/public/
Sub Area:
Sub Area Link: https://www.envirostor.dtsc.ca.gov/public/
Document Type: Annual Oversight Cost Estimate
Date Completed: 10/5/2017
Comments:

Title: Operation and Maintenance Sampling Workplan
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60001916&doc_id=60417869
Area Name: Operable Unit 2
Area Link: https://www.envirostor.dtsc.ca.gov/public/profile_report?global_id=60001916&ou_id=1971240&hideside=True&printerfriendly=True
Sub Area:
Sub Area Link: https://www.envirostor.dtsc.ca.gov/public/
Document Type: Operation and Maintenance Plan
Date Completed: 1/13/2017
Comments:

Title: Cost Estimate Components
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60001916&doc_id=60389601
Area Name: Operable Unit 2
Area Link: https://www.envirostor.dtsc.ca.gov/public/profile_report?global_id=60001916&ou_id=1971240&hideside=True&printerfriendly=True
Sub Area:
Sub Area Link: https://www.envirostor.dtsc.ca.gov/public/
Document Type: Financial Assurance Documentation
Date Completed: 7/10/2015
Comments:

Title: Soil Management Plan - OU2
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60001916&doc_id=60390953
Area Name: Operable Unit 2
Area Link: https://www.envirostor.dtsc.ca.gov/public/profile_report?global_id=60001916&ou_id=1971240&hideside=True&printerfriendly=True
Sub Area:
Sub Area Link: https://www.envirostor.dtsc.ca.gov/public/
Document Type: Soils Management Plan
Date Completed: 4/8/2015
Comments: No comment is needed

Title: Pilot Study Report
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60001916&doc_id=60366300
Area Name: Operable Unit 2
Area Link: https://www.envirostor.dtsc.ca.gov/public/profile_report?global_id=60001916&ou_id=1971240&hideside=True&printerfriendly=True
Sub Area:
Sub Area Link: https://www.envirostor.dtsc.ca.gov/public/
Document Type: Pilot/Treatability Study Report
Date Completed: 1/29/2015
Comments:

Title: Work Notice
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60001916&doc_id=60367326
Area Name: Operable Unit 2
Area Link: https://www.envirostor.dtsc.ca.gov/public/profile_report?global_id=60001916&ou_id=1971240&hideside=True&printerfriendly=True
Sub Area:
Sub Area Link: https://www.envirostor.dtsc.ca.gov/public/
Document Type: Work Notice
Date Completed: 7/31/2014
Comments:

Title: Site Assessment Workplan
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60001916&doc_id=60353988
Area Name: Operable Unit 2
Area Link: https://www.envirostor.dtsc.ca.gov/public/profile_report?global_id=60001916&ou_id=1971240&hideside=True&printerfriendly=True

Sub Area:
Sub Area Link: https://www.envirostor.dtsc.ca.gov/public/
Document Type: Site Characterization Workplan
Date Completed: 4/16/2014
Comments:

Title: Additional Soil Investigation Report 6-17-2005 (OU2)
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60001916&doc_id=60353651
Area Name: Operable Unit 2
Area Link: https://www.envirostor.dtsc.ca.gov/public/profile_report?global_id=60001916&ou_id=1971240&hideside=True&printerfriendly=True
Sub Area:
Sub Area Link: https://www.envirostor.dtsc.ca.gov/public/
Document Type: Other Report
Date Completed: 3/5/2014
Comments:

Title: Sampling Workplan for Further Site Characterization-OU1 (Residential)
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60001916&doc_id=60337649
Area Name: PROJECT WIDE
Area Link: https://www.envirostor.dtsc.ca.gov/public/
Sub Area:
Sub Area Link: https://www.envirostor.dtsc.ca.gov/public/
Document Type: Site Characterization Workplan
Date Completed: 10/24/2013
Comments:

Title: Well Completion-Groundwater sampling Report, January 2013
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60001916&doc_id=60340219
Area Name: PROJECT WIDE
Area Link: https://www.envirostor.dtsc.ca.gov/public/
Sub Area:
Sub Area Link: https://www.envirostor.dtsc.ca.gov/public/
Document Type: Other Report
Date Completed: 1/24/2013
Comments:

Title: Community Profile
Title Link: https://www.envirostor.dtsc.ca.gov/public/
Area Name: PROJECT WIDE
Area Link: https://www.envirostor.dtsc.ca.gov/public/
Sub Area:
Sub Area Link: https://www.envirostor.dtsc.ca.gov/public/
Document Type: Community Profile
Date Completed: 3/13/2020
Comments: This was a meeting to discuss pablic participation with the CIty of Vernon

Title: Work Notice
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60001916&doc_id=60451918
Area Name: Operable Unit 3
Area Link: https://www.envirostor.dtsc.ca.gov/public/profile_report?global_id=60001916&ou_id=1971242&hideside=True&printerfriendly=True
Sub Area:
Sub Area Link: https://www.envirostor.dtsc.ca.gov/public/
Document Type: Work Notice
Date Completed: 10/24/2018
Comments:

Title: Groundwater Inverstigation Workplan
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60001916&doc_id=60413438
Area Name: Operable Unit 3
Area Link: https://www.envirostor.dtsc.ca.gov/public/profile_report?global_id=60001916&ou_id=1971242&hideside=True&printerfriendly=True
Sub Area:
Sub Area Link: https://www.envirostor.dtsc.ca.gov/public/
Document Type: Remedial Investigation Workplan
Date Completed: 5/25/2017
Comments:

Title: Los Angeles Paint Facility Sampling Report
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60001916&doc_id=60359208
Area Name: Operable Unit 2
Area Link: https://www.envirostor.dtsc.ca.gov/public/profile_report?global_id=60001916&ou_id=1971240&hideside=True&printerfriendly=True
Sub Area:
Sub Area Link: https://www.envirostor.dtsc.ca.gov/public/
Document Type: Other Report
Date Completed: 5/1/2014
Comments: The Site is being further investigated based on the results of this Report

Title: Work Notice
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60001916&doc_id=60354206
Area Name: Operable Unit 2
Area Link: https://www.envirostor.dtsc.ca.gov/public/profile_report?global_id=60001916&ou_id=1971240&hideside=True&printerfriendly=True
Sub Area:
Sub Area Link: https://www.envirostor.dtsc.ca.gov/public/
Document Type: Work Notice
Date Completed: 4/18/2014
Comments:

Title: Updated Human Health Risk Assessment
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60001916&doc_id=60344706
Area Name: Operable Unit 1
Area Link: https://www.envirostor.dtsc.ca.gov/public/profile_report?global_id=60001916&ou_id=1971241&hideside=True&printerfriendly=True
Sub Area:
Sub Area Link: https://www.envirostor.dtsc.ca.gov/public/
Document Type: Risk Assessment Report
Date Completed: 1/10/2014
Comments:

Title: Remedial Action Plan, May 2012
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60001916&doc_id=60340217
Area Name: PROJECT WIDE
Area Link: https://www.envirostor.dtsc.ca.gov/public/
Sub Area:
Sub Area Link: https://www.envirostor.dtsc.ca.gov/public/
Document Type: Other Report
Date Completed: 5/17/2012
Comments:

Title: Soil Excavation Remediation Report, September 2008
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60001916&doc_id=60340195
Area Name: PROJECT WIDE
Area Link: https://www.envirostor.dtsc.ca.gov/public/
Sub Area:
Sub Area Link: https://www.envirostor.dtsc.ca.gov/public/
Document Type: Other Report
Date Completed: 9/8/2008
Comments:

Title: Tank Removal Report, March 2008
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60001916&doc_id=60340183
Area Name: PROJECT WIDE
Area Link: https://www.envirostor.dtsc.ca.gov/public/
Sub Area:
Sub Area Link: https://www.envirostor.dtsc.ca.gov/public/
Document Type: Other Report
Date Completed: 3/25/2008
Comments: Part of historical site assessment

Title: DTSC Comments on Site Assessment Report and the Risk Assessment Report
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60001916&enforcement_id=60362573
Area Name: Operable Unit 2
Area Link: https://www.envirostor.dtsc.ca.gov/public/profile_report?global_id=60001916&ou_id=1971240&hideside=True&printerfriendly=True
Sub Area:

Sub Area Link: https://www.envirostor.dtsc.ca.gov/public/
Document Type: Correspondence
Date Completed: 6/11/2014
Comments:

Title: Petroleum Hydrocarbon Sampling Result 7-12-2005 (OU2)
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60001916&doc_id=60353646
Area Name: Operable Unit 2
Area Link: https://www.envirostor.dtsc.ca.gov/public/profile_report?global_id=60001916&ou_id=1971240&hideside=True&printerfriendly=True
Sub Area:
Sub Area Link: https://www.envirostor.dtsc.ca.gov/public/
Document Type: Other Report
Date Completed: 3/5/2014
Comments:

Title: Site Assesment and Remediation Report-OU1
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60001916&doc_id=60344788
Area Name: Operable Unit 1
Area Link: https://www.envirostor.dtsc.ca.gov/public/profile_report?global_id=60001916&ou_id=1971241&hideside=True&printerfriendly=True
Sub Area:
Sub Area Link: https://www.envirostor.dtsc.ca.gov/public/
Document Type: Site Characterization Report
Date Completed: 1/10/2014
Comments:

Title: Phase I & II Environmental Site Assessment, September 2011
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60001916&doc_id=60340207
Area Name: PROJECT WIDE
Area Link: https://www.envirostor.dtsc.ca.gov/public/
Sub Area:
Sub Area Link: https://www.envirostor.dtsc.ca.gov/public/
Document Type: Other Report
Date Completed: 9/19/2011
Comments:

Title: Soil Remediation Report, September 2008
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60001916&doc_id=60340193
Area Name: PROJECT WIDE
Area Link: https://www.envirostor.dtsc.ca.gov/public/
Sub Area:
Sub Area Link: https://www.envirostor.dtsc.ca.gov/public/
Document Type: Other Report
Date Completed: 9/4/2008
Comments:

Title: Excavation and Sampling Report, March 2008
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60001916&doc_id=60340191
Area Name: PROJECT WIDE
Area Link: https://www.envirostor.dtsc.ca.gov/public/
Sub Area:
Sub Area Link: https://www.envirostor.dtsc.ca.gov/public/
Document Type: Other Report
Date Completed: 3/27/2008
Comments:

Title: Annual Oversight Cost Estimate FY 2020-2021
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60001916&enforcement_id=60487086
Area Name: PROJECT WIDE
Area Link: https://www.envirostor.dtsc.ca.gov/public/
Sub Area:
Sub Area Link: https://www.envirostor.dtsc.ca.gov/public/
Document Type: Annual Oversight Cost Estimate
Date Completed: 9/10/2020
Comments: Completed

Title: Former Thermador Annual Cost Estimate 9-16
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60001916&enforcement_id=60419048

Area Name: PROJECT WIDE
Area Link: https://www.envirostor.dtsc.ca.gov/public/
Sub Area:
Sub Area Link: https://www.envirostor.dtsc.ca.gov/public/
Document Type: Annual Oversight Cost Estimate
Date Completed: 10/21/2016
Comments:

Title: VCA - Amazon RE for oversight on SMP
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60001916&enforcement_id=60409750
Area Name: PROJECT WIDE
Area Link: https://www.envirostor.dtsc.ca.gov/public/
Sub Area:
Sub Area Link: https://www.envirostor.dtsc.ca.gov/public/
Document Type: Standard Voluntary Agreement
Date Completed: 6/14/2016
Comments: VCA fully executed

Title: Former Thermador Operation and Maintenance Plan OU2
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60001916&doc_id=60388845
Area Name: Operable Unit 2
Area Link: https://www.envirostor.dtsc.ca.gov/public/profile_report?global_id=60001916&ou_id=1971240&hideside=True&printerfriendly=True
Sub Area:
Sub Area Link: https://www.envirostor.dtsc.ca.gov/public/
Document Type: Operation and Maintenance Plan
Date Completed: 2/19/2015
Comments:

Title: Operation and Maintenance Report
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60001916&doc_id=60444574
Area Name: PROJECT WIDE
Area Link: https://www.envirostor.dtsc.ca.gov/public/
Sub Area:
Sub Area Link: https://www.envirostor.dtsc.ca.gov/public/
Document Type: Site Characterization Report
Date Completed: 1/22/2019
Comments:

Title: Third Quarterly Operation & Maintenance Report
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60001916&doc_id=60433346
Area Name: PROJECT WIDE
Area Link: https://www.envirostor.dtsc.ca.gov/public/
Sub Area:
Sub Area Link: https://www.envirostor.dtsc.ca.gov/public/
Document Type: Operation and Maintenance Report
Date Completed: 9/12/2017
Comments:

Title: Current Site Assessment Report-OU3 (Groundwater)
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60001916&doc_id=60413452
Area Name: Operable Unit 3
Area Link: https://www.envirostor.dtsc.ca.gov/public/profile_report?global_id=60001916&ou_id=1971242&hideside=True&printerfriendly=True
Sub Area:
Sub Area Link: https://www.envirostor.dtsc.ca.gov/public/
Document Type: Remedial Investigation Report
Date Completed: 8/15/2017
Comments: Another round of groundwater sampling is needed

Title: Current Condition Charaterization Workplan
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60001916&doc_id=60417794
Area Name: Operable Unit 3
Area Link: https://www.envirostor.dtsc.ca.gov/public/profile_report?global_id=60001916&ou_id=1971242&hideside=True&printerfriendly=True
Sub Area:
Sub Area Link: https://www.envirostor.dtsc.ca.gov/public/
Document Type: Site Characterization Workplan
Date Completed: 12/20/2016

Comments:

Title: Work Notice
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60001916&doc_id=60415010
Area Name: PROJECT WIDE
Area Link: https://www.envirostor.dtsc.ca.gov/public/
Sub Area:
Sub Area Link: https://www.envirostor.dtsc.ca.gov/public/
Document Type: Work Notice
Date Completed: 9/16/2016
Comments:

Title: Revised Final Pilot Study Report and Request for Condsitional Closure of OU2
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60001916&doc_id=60388737
Area Name: Operable Unit 2
Area Link: https://www.envirostor.dtsc.ca.gov/public/profile_report?global_id=60001916&ou_id=1971240&hideside=True&printerfriendly=True
Sub Area:
Sub Area Link: https://www.envirostor.dtsc.ca.gov/public/
Document Type: Remedial Investigation Report
Date Completed: 1/29/2015
Comments:

Title: Risk Assessment Report
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60001916&doc_id=60359628
Area Name: Operable Unit 2
Area Link: https://www.envirostor.dtsc.ca.gov/public/profile_report?global_id=60001916&ou_id=1971240&hideside=True&printerfriendly=True
Sub Area:
Sub Area Link: https://www.envirostor.dtsc.ca.gov/public/
Document Type: Risk Assessment Report
Date Completed: 7/18/2014
Comments:

Title: Groundwater Sampling Report
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60001916&doc_id=60340221
Area Name: PROJECT WIDE
Area Link: https://www.envirostor.dtsc.ca.gov/public/
Sub Area:
Sub Area Link: https://www.envirostor.dtsc.ca.gov/public/
Document Type: Other Report
Date Completed: 9/20/2013
Comments:

Title: Phase I Environmental Site Assessment, June 2004
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60001916&doc_id=60340141
Area Name: PROJECT WIDE
Area Link: https://www.envirostor.dtsc.ca.gov/public/
Sub Area:
Sub Area Link: https://www.envirostor.dtsc.ca.gov/public/
Document Type: Other Report
Date Completed: 8/8/2005
Comments: Part of historical site assessment

Title: Land Use Covenant
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60001916&enforcement_id=60388434
Area Name: Operable Unit 2
Area Link: https://www.envirostor.dtsc.ca.gov/public/profile_report?global_id=60001916&ou_id=1971240&hideside=True&printerfriendly=True
Sub Area:
Sub Area Link: https://www.envirostor.dtsc.ca.gov/public/
Document Type: Land Use Restriction
Date Completed: 3/26/2015
Comments:

Title: Additional Soil Sampling Activity 4-20-2005 (OU2)
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60001916&doc_id=60352966
Area Name: Operable Unit 2
Area Link: https://www.envirostor.dtsc.ca.gov/public/profile_report?

global_id=60001916&ou_id=1971240&hideside=True&printerfriendly=True
Sub Area:
Sub Area Link: https://www.envirostor.dtsc.ca.gov/public/
Document Type: Other Report
Date Completed: 3/5/2014
Comments:

Title: Site Assessment Geological Report, March 2008
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60001916&doc_id=60340186
Area Name: PROJECT WIDE
Area Link: https://www.envirostor.dtsc.ca.gov/public/
Sub Area:
Sub Area Link: https://www.envirostor.dtsc.ca.gov/public/
Document Type: Other Report
Date Completed: 3/26/2008
Comments:

Title: Groundwater and Soil Investigation Report
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60001916&doc_id=60444920
Area Name: PROJECT WIDE
Area Link: https://www.envirostor.dtsc.ca.gov/public/
Sub Area:
Sub Area Link: https://www.envirostor.dtsc.ca.gov/public/
Document Type: Remedial Investigation Report
Date Completed: 6/27/2019
Comments:

Title: Fourth Quarterly Operation and Maintenance Report
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60001916&doc_id=60436408
Area Name: PROJECT WIDE
Area Link: https://www.envirostor.dtsc.ca.gov/public/
Sub Area:
Sub Area Link: https://www.envirostor.dtsc.ca.gov/public/
Document Type: Operation and Maintenance Report
Date Completed: 1/17/2018
Comments:

Title: Operation and Maintenance Report
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60001916&doc_id=60368214
Area Name: Operable Unit 3
Area Link: https://www.envirostor.dtsc.ca.gov/public/profile_report?global_id=60001916&ou_id=1971242&hideside=True&printerfriendly=True
Sub Area:
Sub Area Link: https://www.envirostor.dtsc.ca.gov/public/
Document Type: Operation and Maintenance Report
Date Completed: 5/10/2017
Comments:

Title: Quarterly Monitoring & Hydropunch Sampling Workplan
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60001916&doc_id=60439947
Area Name: PROJECT WIDE
Area Link: https://www.envirostor.dtsc.ca.gov/public/
Sub Area:
Sub Area Link: https://www.envirostor.dtsc.ca.gov/public/
Document Type: Monitoring Plan
Date Completed: 3/2/2018
Comments:

Title: Building/Soil Vapor Reconstruction Completion Report
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60001916&doc_id=60415710
Area Name: Operable Unit 2
Area Link: https://www.envirostor.dtsc.ca.gov/public/profile_report?global_id=60001916&ou_id=1971240&hideside=True&printerfriendly=True
Sub Area:
Sub Area Link: https://www.envirostor.dtsc.ca.gov/public/
Document Type: Technical Report
Date Completed: 7/18/2017
Comments:

Title: No Further Action Letter-OU1
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60001916&enforcement_id=60347885
Area Name: Operable Unit 1
Area Link: https://www.envirostor.dtsc.ca.gov/public/profile_report?global_id=60001916&ou_id=1971241&hideside=True&printerfriendly=True
Sub Area:
Sub Area Link: https://www.envirostor.dtsc.ca.gov/public/
Document Type: No Further Action Letter
Date Completed: 1/10/2014
Comments:

Title: Amended Voluntary Cleanup Agreement
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60001916&enforcement_id=60343570
Area Name: PROJECT WIDE
Area Link: https://www.envirostor.dtsc.ca.gov/public/
Sub Area:
Sub Area Link: https://www.envirostor.dtsc.ca.gov/public/
Document Type: Amendment - Order/Agreement
Date Completed: 11/21/2013
Comments:

Title: Voluntary Cleanup Agreement
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60001916&enforcement_id=60335658
Area Name: PROJECT WIDE
Area Link: https://www.envirostor.dtsc.ca.gov/public/
Sub Area:
Sub Area Link: https://www.envirostor.dtsc.ca.gov/public/
Document Type: Standard Voluntary Agreement
Date Completed: 8/13/2013
Comments:

Title: Phase I & II Environmental SIte Assessment, October 2005
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60001916&doc_id=60340147
Area Name: PROJECT WIDE
Area Link: https://www.envirostor.dtsc.ca.gov/public/
Sub Area:
Sub Area Link: https://www.envirostor.dtsc.ca.gov/public/
Document Type: Other Report
Date Completed: 10/19/2005
Comments:

Title: Community Survey
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60001916&doc_id=60477589
Area Name: PROJECT WIDE
Area Link: https://www.envirostor.dtsc.ca.gov/public/
Sub Area:
Sub Area Link: https://www.envirostor.dtsc.ca.gov/public/
Document Type: Community Profile
Date Completed: 8/19/2020
Comments:

Title: Annual Operation & Maintenance Reprot-2019
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60001916&doc_id=60456122
Area Name: PROJECT WIDE
Area Link: https://www.envirostor.dtsc.ca.gov/public/
Sub Area:
Sub Area Link: https://www.envirostor.dtsc.ca.gov/public/
Document Type: Operation and Maintenance Report
Date Completed: 11/21/2019
Comments:

Title: Thermador 2017-Second Quarterly Operation & Maintenance Report
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60001916&doc_id=60427004
Area Name: PROJECT WIDE
Area Link: https://www.envirostor.dtsc.ca.gov/public/
Sub Area:
Sub Area Link: https://www.envirostor.dtsc.ca.gov/public/
Document Type: Operation and Maintenance Report
Date Completed: 8/15/2017

Comments:

Title: Soil Management Summary Report
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60001916&doc_id=60402282
Area Name: PROJECT WIDE
Area Link: https://www.envirostor.dtsc.ca.gov/public/
Sub Area:
Sub Area Link: https://www.envirostor.dtsc.ca.gov/public/
Document Type: Technical Report
Date Completed: 10/26/2015
Comments:

Title: Operation and Maintenance Agreement
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60001916&enforcement_id=60396699
Area Name: Operable Unit 2
Area Link: https://www.envirostor.dtsc.ca.gov/public/profile_report?global_id=60001916&ou_id=1971240&hideside=True&printerfriendly=True
Sub Area:
Sub Area Link: https://www.envirostor.dtsc.ca.gov/public/
Document Type: Operation & Maintenance Order/Agreement
Date Completed: 10/13/2015
Comments:

Title: Human Health Risk Assessment Report - OU2
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60001916&doc_id=60386931
Area Name: Operable Unit 2
Area Link: https://www.envirostor.dtsc.ca.gov/public/profile_report?global_id=60001916&ou_id=1971240&hideside=True&printerfriendly=True
Sub Area:
Sub Area Link: https://www.envirostor.dtsc.ca.gov/public/
Document Type: Risk Assessment Report
Date Completed: 12/22/2014
Comments:

Title: Pilot Study Workplan
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60001916&doc_id=60366297
Area Name: Operable Unit 2
Area Link: https://www.envirostor.dtsc.ca.gov/public/profile_report?global_id=60001916&ou_id=1971240&hideside=True&printerfriendly=True
Sub Area:
Sub Area Link: https://www.envirostor.dtsc.ca.gov/public/
Document Type: Pilot Study/Treatability Workplan
Date Completed: 7/31/2014
Comments:

Title: Site Assessment Report
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60001916&doc_id=60359626
Area Name: Operable Unit 2
Area Link: https://www.envirostor.dtsc.ca.gov/public/profile_report?global_id=60001916&ou_id=1971240&hideside=True&printerfriendly=True
Sub Area:
Sub Area Link: https://www.envirostor.dtsc.ca.gov/public/
Document Type: Site Characterization Report
Date Completed: 7/18/2014
Comments:

Title: Supplemental Site Assessment Report 10-6-2008
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60001916&doc_id=60353649
Area Name: Operable Unit 2
Area Link: https://www.envirostor.dtsc.ca.gov/public/profile_report?global_id=60001916&ou_id=1971240&hideside=True&printerfriendly=True
Sub Area:
Sub Area Link: https://www.envirostor.dtsc.ca.gov/public/
Document Type: Other Report
Date Completed: 3/5/2014
Comments:

Title: Meeting with the City of Vernon, City Council members to discuss the project
Title Link: https://www.envirostor.dtsc.ca.gov/public/

Area Name: PROJECT WIDE
Area Link: https://www.envirostor.dtsc.ca.gov/public/
Sub Area:
Sub Area Link: https://www.envirostor.dtsc.ca.gov/public/
Document Type: Correspondence
Date Completed: 8/7/2019
Comments: Meeting Activity with the City of Vernon is completed

Title: Former Thermador Annual Oversight Cost Estimate Letter
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60001916&enforcement_id=60452701
Area Name: PROJECT WIDE
Area Link: https://www.envirostor.dtsc.ca.gov/public/
Sub Area:
Sub Area Link: https://www.envirostor.dtsc.ca.gov/public/
Document Type: Annual Oversight Cost Estimate
Date Completed: 10/2/2018
Comments: completed

Title: Soil Vapor and Groundwater Characterization Report
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60001916&doc_id=60397561
Area Name: Operable Unit 3
Area Link: https://www.envirostor.dtsc.ca.gov/public/profile_report?global_id=60001916&ou_id=1971242&hideside=True&printerfriendly=True
Sub Area:
Sub Area Link: https://www.envirostor.dtsc.ca.gov/public/
Document Type: Site Characterization Report
Date Completed: 11/29/2017
Comments:

Title: Operation and Maintenance Reconstruction Plan
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60001916&doc_id=60410729
Area Name: Operable Unit 2
Area Link: https://www.envirostor.dtsc.ca.gov/public/profile_report?global_id=60001916&ou_id=1971240&hideside=True&printerfriendly=True
Sub Area:
Sub Area Link: https://www.envirostor.dtsc.ca.gov/public/
Document Type: Operations and Maintenance Plan Amendment
Date Completed: 8/11/2016
Comments:

Title: Building/Soil Vapor Barrier Reconstruction Plan
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60001916&doc_id=60413314
Area Name: Operable Unit 2
Area Link: https://www.envirostor.dtsc.ca.gov/public/profile_report?global_id=60001916&ou_id=1971240&hideside=True&printerfriendly=True
Sub Area:
Sub Area Link: https://www.envirostor.dtsc.ca.gov/public/
Document Type: Technical Workplan
Date Completed: 8/9/2016
Comments:

Title: Annual Cost Estimate Letter 9-2015
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60001916&enforcement_id=60400298
Area Name: PROJECT WIDE
Area Link: https://www.envirostor.dtsc.ca.gov/public/
Sub Area:
Sub Area Link: https://www.envirostor.dtsc.ca.gov/public/
Document Type: Annual Oversight Cost Estimate
Date Completed: 9/10/2015
Comments:

Title: Risk Assessment Report
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60001916&doc_id=60366303
Area Name: Operable Unit 2
Area Link: https://www.envirostor.dtsc.ca.gov/public/profile_report?global_id=60001916&ou_id=1971240&hideside=True&printerfriendly=True
Sub Area:
Sub Area Link: https://www.envirostor.dtsc.ca.gov/public/
Document Type: Risk Assessment Report

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Date Completed: 12/30/2014
Comments:

Title: Annual (2014-2015) Oversite Cost Estimate
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60001916&enforcement_id=60382244
Area Name: PROJECT WIDE
Area Link: https://www.envirostor.dtsc.ca.gov/public/
Sub Area:
Sub Area Link: https://www.envirostor.dtsc.ca.gov/public/
Document Type: Annual Oversight Cost Estimate
Date Completed: 9/26/2014
Comments:

Title: Final SVE Remediation Report 10-30-2013 (OU2)
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60001916&doc_id=60353653
Area Name: Operable Unit 2
Area Link: https://www.envirostor.dtsc.ca.gov/public/profile_report?global_id=60001916&ou_id=1971240&hideside=True&printerfriendly=True
Sub Area:
Sub Area Link: https://www.envirostor.dtsc.ca.gov/public/
Document Type: Monitoring Report
Date Completed: 3/5/2014
Comments:

Title: Human Health Risk Assessment, September 2013
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60001916&doc_id=60339525
Area Name: PROJECT WIDE
Area Link: https://www.envirostor.dtsc.ca.gov/public/
Sub Area:
Sub Area Link: https://www.envirostor.dtsc.ca.gov/public/
Document Type: Risk Assessment Report
Date Completed: 10/10/2013
Comments:

Title: Annual Oversight Cost Estimate
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60001916&enforcement_id=60338019
Area Name: PROJECT WIDE
Area Link: https://www.envirostor.dtsc.ca.gov/public/
Sub Area:
Sub Area Link: https://www.envirostor.dtsc.ca.gov/public/
Document Type: Annual Oversight Cost Estimate
Date Completed: 9/23/2013
Comments:

Title: Additional Subsurface Investigation Report, October 2011
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60001916&doc_id=60340209
Area Name: PROJECT WIDE
Area Link: https://www.envirostor.dtsc.ca.gov/public/
Sub Area:
Sub Area Link: https://www.envirostor.dtsc.ca.gov/public/
Document Type: Other Report
Date Completed: 10/20/2011
Comments:

Title: Soil Gas Data. September & October 2011
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60001916&doc_id=60340205
Area Name: PROJECT WIDE
Area Link: https://www.envirostor.dtsc.ca.gov/public/
Sub Area:
Sub Area Link: https://www.envirostor.dtsc.ca.gov/public/
Document Type: Other Report
Date Completed: 10/11/2011
Comments:

96	1 of 4	SW	0.90 / 4,762.63	135.41 / -7	WOODLAWN ELEMENTARY SCHOOL PLAYGROUND 6314 WOODLAWN AVENUE BELL CA 90201	SCH

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Estor/EPA ID: 19820062
Site Code: 304318
Nat Priority List: NO
Acres: .78 ACRES
Special Program:
Funding: SCHOOL DISTRICT
Assembly District: 63
Senate District: 33
Permit Renewal Lead:
Project Manager:
Supervisor: JAVIER HINOJOSA
Public Partici Spclst:
Census Tract: 6037533804
County: LOS ANGELES
Latitude: 33.9778002794437
Longitude: -118.177241800194
School District: LOS ANGELES UNIFIED SCHOOL DISTRICT
APN: 6315029900
Cleanup Status: NO ACTION REQUIRED AS OF 9/26/2002
Cleanup Oversight Agencies: DTSC - SITE CLEANUP PROGRAM - LEAD AGENCY
Site Type: SCHOOL
Office: SOUTHERN CALIFORNIA SCHOOLS & BROWNFIELDS OUTREACH
Past Use that Caused Contam: EDUCATIONAL SERVICES
Potential Media Affected: NO MEDIA AFFECTED
Potential Contamin of Concern:

NO CONTAMINANTS FOUND

SITE HISTORY:

Existing school expanding its playground onto existing faculty parking lot.

Status: NO ACTION REQUIRED
Program Type: SCHOOL INVESTIGATION
CalEnviroScreen Score: 91-95%
Summary Link: https://www.envirostor.dtsc.ca.gov/public/profile_report?global_id=19820062

Completed Activities

Title: LAUSD Master Agreement
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19820062&enforcement_id=6007865
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Environmental Oversight Agreement
Date Completed: 2/10/2000
Comments:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
96	2 of 4	SW	0.90 / 4,762.63	135.41 / -7	WOODLAWN ELEMENTARY SCHOOL 6314 WOODLAWN AVENUE BELL CA 90201-1417	SCH

Estor/EPA ID: 19820045
Site Code: 304324
Nat Priority List: NO
Acres: 1 ACRES
Special Program:
Funding: SCHOOL DISTRICT
Assembly District: 63
Senate District: 33
Permit Renewal Lead:
Project Manager:
Supervisor: JAVIER HINOJOSA
Public Partici Spclst:
Census Tract: 6037533804
County: LOS ANGELES
Latitude: 33.9778002794437
Longitude: -118.177241800194
School District: LOS ANGELES UNIFIED SCHOOL DISTRICT
APN: 6315029900
Cleanup Status: NO FURTHER ACTION AS OF 7/3/2003
Cleanup Oversight Agencies: DTSC - SITE CLEANUP PROGRAM - LEAD AGENCY
Site Type: SCHOOL
Office: SOUTHERN CALIFORNIA SCHOOLS & BROWNFIELDS OUTREACH
Past Use that Caused Contam: EDUCATIONAL SERVICES
Potential Media Affected: SOIL
SITE HISTORY:

Existing RV lot across the street, site of a former hospital and adjacent to a former gasoline station, is to become the new faculty parking lot.

Potential Contamin of Concern:

LEAD
POLYCHLORINATED BIPHENYLS (PCBS)

Status: NO FURTHER ACTION
Program Type: SCHOOL INVESTIGATION
CalEnviroScreen Score: 91-95%
Summary Link: https://www.envirostor.dtsc.ca.gov/public/profile_report?global_id=19820045

Completed Activities

Title: Preliminary Endangerment Assessment Report
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19820045&doc_id=6001966
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Preliminary Endangerment Assessment Report
Date Completed: 3/26/2002
Comments:

Title: LAUSD Master Agreement
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19820045&enforcement_id=6007868
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Environmental Oversight Agreement
Date Completed: 2/10/2000
Comments:

Title: Phase 1 Environmental Site Assessment
Title Link: https://www.envirostor.dtsc.ca.gov/public/
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Other Report
Date Completed: 7/12/2001
Comments: Phase 1

Title: PEA Workplan
Title Link: https://www.envirostor.dtsc.ca.gov/public/
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Preliminary Endangerment Assessment Workplan
Date Completed: 6/27/2002
Comments: Accepted

Title: PEA Workplan
Title Link: https://www.envirostor.dtsc.ca.gov/public/
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Preliminary Endangerment Assessment Workplan
Date Completed: 10/10/2001
Comments:

Title: Supplemental Site Investigation Report
Title Link: https://www.envirostor.dtsc.ca.gov/public/
Area Name:
Area Link:
Sub Area:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Sub Area Link:
Document Type: Other Report
Date Completed: 3/21/2003
Comments: SSI

Title: Supplemental Site Investigation
Title Link: https://www.envirostor.dtsc.ca.gov/public/
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Supplemental Site Investigation Report
Date Completed: 6/13/2003
Comments:

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96 | ***3 of 4*** | ***SW*** | ***0.90 / 4,762.63*** | ***135.41 / -7*** | ***WOODLAWN ELEMENTARY SCHOOL PLAYGROUND 6314 WOODLAWN AVENUE BELL CA 90201*** | ***ENVIROSTOR***

Estor/EPA ID: 19820062
Site Code: 304318
Nat Priority List: NO
APN: 6315029900
Census Tract: 6037533804
Site Type: SCHOOL
Address Description: 6314 WOODLAWN AVENUE
Office: SOUTHERN CALIFORNIA SCHOOLS & BROWNFIELDS OUTREACH
Special Program:
Funding: SCHOOL DISTRICT
Assembly District: 63
Senate District: 33
Permit Renewal Lead:
Public Partici Spclst:
Project Manager:
County: LOS ANGELES
Latitude: 33.9778002794437
Longitude: -118.177241800194
Acres: .78 ACRES
Supervisor: JAVIER HINOJOSA
Cleanup Status: NO ACTION REQUIRED AS OF 9/26/2002
Cleanup Oversight Agencies: DTSC - SITE CLEANUP PROGRAM - LEAD AGENCY
School District: LOS ANGELES UNIFIED SCHOOL DISTRICT
Past Use that Caused Contam: EDUCATIONAL SERVICES
Potential Media Affected: NO MEDIA AFFECTED
Potential Contamin of Concern:

NO CONTAMINANTS FOUND

Site History:

Existing school expanding its playground onto existing faculty parking lot.

Status: NO ACTION REQUIRED
Program Type: SCHOOL INVESTIGATION
CalEnviroScreen Score: 91-95%
Summary Link: https://www.envirostor.dtsc.ca.gov/public/profile_report?global_id=19820062

Completed Activities

Title: LAUSD Master Agreement
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19820062&enforcement_id=6007865
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Environmental Oversight Agreement
Date Completed: 2/10/2000
Comments:

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96 | ***4 of 4*** | ***SW*** | ***0.90 / 4,762.63*** | ***135.41 / -7*** | ***WOODLAWN ELEMENTARY SCHOOL 6314 WOODLAWN AVENUE BELL CA 90201-1417*** | ***ENVIROSTOR***

Estor/EPA ID:	19820045	***Assembly District:***	63
Site Code:	304324	***Senate District:***	33
Nat Priority List:	NO	***Permit Renewal Lead:***	
APN:	6315029900	***Public Partici Spclst:***	
Census Tract:	6037533804	***Project Manager:***	
Site Type:	SCHOOL	***County:***	LOS ANGELES
Address Description:	6314 WOODLAWN AVENUE	***Latitude:***	33.9778002794437
Office:	SOUTHERN CALIFORNIA SCHOOLS & BROWNFIELDS OUTREACH	***Longitude:***	-118.177241800194
Special Program:		***Acres:***	1 ACRES
Funding:	SCHOOL DISTRICT	***Supervisor:***	JAVIER HINOJOSA

Cleanup Status: NO FURTHER ACTION AS OF 7/3/2003
Cleanup Oversight Agencies: DTSC - SITE CLEANUP PROGRAM - LEAD AGENCY
School District: LOS ANGELES UNIFIED SCHOOL DISTRICT
Past Use that Caused Contam: EDUCATIONAL SERVICES
Potential Media Affected: SOIL
Potential Contamin of Concern:

LEAD
POLYCHLORINATED BIPHENYLS (PCBS)

Site History:

Existing RV lot across the street, site of a former hospital and adjacent to a former gasoline station, is to become the new faculty parking lot.

Status: NO FURTHER ACTION
Program Type: SCHOOL INVESTIGATION
CalEnviroScreen Score: 91-95%
Summary Link: https://www.envirostor.dtsc.ca.gov/public/profile_report?global_id=19820045

Completed Activities

Title: Preliminary Endangerment Assessment Report
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19820045&doc_id=6001966
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Preliminary Endangerment Assessment Report
Date Completed: 3/26/2002
Comments:

Title: Supplemental Site Investigation Report
Title Link: https://www.envirostor.dtsc.ca.gov/public/
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Other Report
Date Completed: 3/21/2003
Comments: SSI

Title: PEA Workplan
Title Link: https://www.envirostor.dtsc.ca.gov/public/
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Preliminary Endangerment Assessment Workplan
Date Completed: 6/27/2002
Comments: Accepted

Title: LAUSD Master Agreement
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19820045&enforcement_id=6007868
Area Name:
Area Link:
Sub Area:

Sub Area Link:
Document Type: Environmental Oversight Agreement
Date Completed: 2/10/2000
Comments:

Title: PEA Workplan
Title Link: https://www.envirostor.dtsc.ca.gov/public/
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Preliminary Endangerment Assessment Workplan
Date Completed: 10/10/2001
Comments:

Title: Phase 1 Environmental Site Assessment
Title Link: https://www.envirostor.dtsc.ca.gov/public/
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Other Report
Date Completed: 7/12/2001
Comments: Phase 1

Title: Supplemental Site Investigation
Title Link: https://www.envirostor.dtsc.ca.gov/public/
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Supplemental Site Investigation Report
Date Completed: 6/13/2003
Comments:

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97 | ***1 of 2*** | ***SE*** | ***0.93 / 4,905.46*** | ***137.41 / -5*** | ***NEWCROW II 6141 TO 6241 RANDOLPH STREET COMMERCE CA 90040*** | ***RESPONSE***

Estor/EPA ID: 60000714
Site Code: 301321
Nat Priority List: NO
Acres: 40 ACRES
Special Program:
Funding: RESPONSIBLE PARTY
Assembly District: 58
Senate District: 32
School District:
Permit Renewal Lead:
Project Manager: DON INDERMILL
Supervisor: ANDRES CANO
Public Partici Spclst:
Census Tract: 6037532304
County: LOS ANGELES
Latitude: 33.978527591118
Longitude: -118.153420686722
APN: NONE SPECIFIED
Cleanup Status: ACTIVE AS OF 5/11/2021
Cleanup Oversight Agencies: DTSC - SITE CLEANUP PROGRAM - LEAD AGENCY
Site Type: STATE RESPONSE OR NPL
Office: CLEANUP CHATSWORTH
Past Use that Caused Contam: AEROSPACE MANUFACTURING/MAINTENANCE, DEGREASING FACILITY, FUEL - VEHICLE STORAGE/ REFUELING, MACHINE SHOP, MAINTENANCE / CLEANING, MANUFACTURING - ELECTRONIC, MANUFACTURING - METAL, MANUFACTURING - OTHER, METAL FINISHING, OIL/WATER SEPARATORS, PAINT/DEPAINT FACILITY, VEHICLE MAINTENANCE, WAREHOUSING, WASTE - INDUSTRIAL WASTE LINE
Potential Media Affected: AQUIFER USED FOR DRINKING WATER SUPPLY AFFECTED, OTHER GROUNDWATER AFFECTED (USES OTHER THAN DRINKING WATER), SOIL, SOIL VAPOR
Potential Contamin of Concern:

1,4-DIOXANE
METALS
N-NITROSODIMETHYLAMINE
PERCHLORATE
VOLATILE ORGANICS (8260B VOCS)

Site History:

Investigation efforts conducted at the Site between 1998 and 2002 by Dames & Moore, Arcadis Geraghty & Miller, and URS Corporation have revealed the presence of several volatile organic compounds (VOCs) in both soil and groundwater beneath the Site. The maximum concentration of chemicals found in soil, as reported in the Subsurface Investigation Report (Arcadis Geraghty & Miller, July 28, 2000) were as follows: acetone 71 µg/kg, chloroform 25 µg/kg, 1,1-dichloroethane (1,1-DCA) 14 µg/kg, 1,2-dichloroethane (1,2-DCA) 7.2 µg/kg, 1,1-dichloroethene (1,1-DCE) 310 µg/kg, cis-1,2-DCE 7.3 µg/kg, 1,1,1, 2-TCA 7.5 µg/kg, 1,1,2-TCA 13 µg/kg, tetrachloroethene (PCE) 3600 µg/kg, trichloroethene (TCE) 57 µg/kg, and methyl tert butyl ether (MTBE) 20 µg/kg. The maximum groundwater concentrations for chemicals which exceeded maximum contaminant levels (MCLs) were reported as follows in the same report; benzene 37 µg/l, carbon tetrachloride (CT) 89 µg/l, 1,1-dichloroethene (1,1-DCE) 4,100 µg/l, tetrachloroethene (PCE) 690 µg/l and trichloroethene (TCE) 2,100 µg/l.

On-going groundwater monitoring is being conducted at the Site. Monitoring data from the Site has identified VOCs in groundwater exceeding MCLs. Groundwater migrating onto the Site from off-site sources is also impacted with VOCs exceeding MCLs. The maximum concentration of chemicals reported above MCLs during 2005/2006 are provided below.

Compound Site Concentration
Carbon Tetrachloride (CT) 120 µg/l
1,1-DCA 50 µg/l
1,2-DCA 10 µg/l
1,1-DCE 650 µg/
PCE 650 µg/l
TCE 850 µg/l
1,4-Dioxane 160 µg/l
N-Nitrosodimethylamine (NDMA) 0.072 µg/l
1,2,3-Trichloropropane (1,2,3-TCP)0.0066 µg/l
Hexavalent Chromium (CR+6) 740 µg/l
Perchlorate 7.4 µg/l

On-Site and Off-site assessment of COC concentrations is essentially complete. There is no danger of vapor intrusion to any off site properties. VOCs in groundwater have been delineated in groundwater which is present at approximately 100 feet below ground surface. Soil Vapor Extraction is being used as RWQCB approved remedy to reduce source . RP group and DTSC are discussing closure strategies.

Status: ACTIVE
Program Type: STATE RESPONSE
CalEnviroScreen Score: 96-100%
Summary Link: https://www.envirostor.dtsc.ca.gov/public/profile_report?global_id=60000714

Future Activities

Area Name: PROJECT WIDE
Area Link: https://www.envirostor.dtsc.ca.gov/public/
Sub Area:
Sub Area Link: https://www.envirostor.dtsc.ca.gov/public/
Document Type: Land Use Restriction
Due Date: 2024

Area Name: PROJECT WIDE
Area Link: https://www.envirostor.dtsc.ca.gov/public/
Sub Area:
Sub Area Link: https://www.envirostor.dtsc.ca.gov/public/
Document Type: Certification
Due Date: 2024

Area Name: PROJECT WIDE
Area Link: https://www.envirostor.dtsc.ca.gov/public/
Sub Area:
Sub Area Link: https://www.envirostor.dtsc.ca.gov/public/
Document Type: Removal Action Completion Report
Due Date: 2023

Completed Activities

Title: 140127 Amended Newcrow II- RIFS WP
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60000714&doc_id=60352346
Area Name: PROJECT WIDE
Area Link: https://www.envirostor.dtsc.ca.gov/public/
Sub Area:
Sub Area Link: https://www.envirostor.dtsc.ca.gov/public/
Document Type: Remedial Investigation Workplan

Date Completed: 4/18/2014
Comments: The Work Plan in its final form was submitted in a series of Tech Memos. These were approved in the 9/17/2013 Revision and Approval of Tech Memos, 2/21/2013 Approval of Nine Technical Memoranda, 8/9/2013 Comments on Sewer Tech Memo, 9/20/2013 Sampling and Analysis Plan approval, and 9/27/2013 Southern Boundary Tech Memo approval

Title: Monthly Progress Report
Title Link: https://www.envirostor.dtsc.ca.gov/public/
Area Name: PROJECT WIDE
Area Link: https://www.envirostor.dtsc.ca.gov/public/
Sub Area:
Sub Area Link: https://www.envirostor.dtsc.ca.gov/public/
Document Type: Other Report
Date Completed: 6/8/2012
Comments: DTSC approves the report without comment.

Title: 191014_Newcrow II_3Q2019 Groundwater Monitoring & Remediation Progress Report
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60000714&doc_id=60491785
Area Name: PROJECT WIDE
Area Link: https://www.envirostor.dtsc.ca.gov/public/
Sub Area:
Sub Area Link: https://www.envirostor.dtsc.ca.gov/public/
Document Type: Monitoring Plan
Date Completed: 10/14/2019
Comments: activity complete

Title: 4th Quarter 2008 Groundwater Monitoring Report
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60000714&doc_id=6022440
Area Name: PROJECT WIDE
Area Link: https://www.envirostor.dtsc.ca.gov/public/
Sub Area:
Sub Area Link: https://www.envirostor.dtsc.ca.gov/public/
Document Type: Monitoring Report
Date Completed: 5/29/2009
Comments:

Title: 160413 Newcrow II Groundwater Monitoring Report March 2016
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60000714&doc_id=60491761
Area Name: PROJECT WIDE
Area Link: https://www.envirostor.dtsc.ca.gov/public/
Sub Area:
Sub Area Link: https://www.envirostor.dtsc.ca.gov/public/
Document Type: Monitoring Report
Date Completed: 4/13/2016
Comments: Activity is complete

Title: 170717 Newcrow II Groundwater Monitoring Report June 2017
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60000714&doc_id=60491775
Area Name: PROJECT WIDE
Area Link: https://www.envirostor.dtsc.ca.gov/public/
Sub Area:
Sub Area Link: https://www.envirostor.dtsc.ca.gov/public/
Document Type: Monitoring Report
Date Completed: 7/17/2017
Comments: activity complete

Title: 140515 Newcrow Monthly Summary Report April 2014
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60000714&doc_id=60361304
Area Name: PROJECT WIDE
Area Link: https://www.envirostor.dtsc.ca.gov/public/
Sub Area:
Sub Area Link: https://www.envirostor.dtsc.ca.gov/public/
Document Type: Other Report
Date Completed: 5/29/2014
Comments:

Title: 3rd Qtr 2014 Groundwater Monitoring Report
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60000714&doc_id=60371528
Area Name: OU2

Area Link: https://www.envirostor.dtsc.ca.gov/public/profile_report?global_id=60000714&ou_id=1971270&hideside=True&printerfriendly=True
Sub Area:
Sub Area Link: https://www.envirostor.dtsc.ca.gov/public/
Document Type: Monitoring Report
Date Completed: 10/17/2014
Comments:

Title: March 2015 Monthly Summary Report
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60000714&doc_id=60371448
Area Name: PROJECT WIDE
Area Link: https://www.envirostor.dtsc.ca.gov/public/
Sub Area:
Sub Area Link: https://www.envirostor.dtsc.ca.gov/public/
Document Type: Other Report
Date Completed: 4/30/2015
Comments:

Title: Annual DTSC Oversight Cost Estimate FY2015/2016
Title Link: https://www.envirostor.dtsc.ca.gov/public/
Area Name: PROJECT WIDE
Area Link: https://www.envirostor.dtsc.ca.gov/public/
Sub Area:
Sub Area Link: https://www.envirostor.dtsc.ca.gov/public/
Document Type: Annual Oversight Cost Estimate
Date Completed: 10/30/2015
Comments:

Title: RI/FS Sampling and Analysis Plan final draft
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60000714&doc_id=60336557
Area Name: PROJECT WIDE
Area Link: https://www.envirostor.dtsc.ca.gov/public/
Sub Area:
Sub Area Link: https://www.envirostor.dtsc.ca.gov/public/
Document Type: Remedial Investigation Workplan
Date Completed: 9/20/2013
Comments:

Title: 170116 Newcrow II Groundwater Monitoring Report December 2016
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60000714&doc_id=60491768
Area Name: PROJECT WIDE
Area Link: https://www.envirostor.dtsc.ca.gov/public/
Sub Area:
Sub Area Link: https://www.envirostor.dtsc.ca.gov/public/
Document Type: Monitoring Report
Date Completed: 1/16/2017
Comments: Activity is complete

Title: 140715 Newcrow Monthly Summary Report June 2014
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60000714&doc_id=60368608
Area Name: PROJECT WIDE
Area Link: https://www.envirostor.dtsc.ca.gov/public/
Sub Area:
Sub Area Link: https://www.envirostor.dtsc.ca.gov/public/
Document Type: Other Report
Date Completed: 8/20/2014
Comments:

Title: 190410_1Q2019 Newcrow II Groundwater Monitoring & Remediation Progress Report
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60000714&doc_id=60491783
Area Name: PROJECT WIDE
Area Link: https://www.envirostor.dtsc.ca.gov/public/
Sub Area:
Sub Area Link: https://www.envirostor.dtsc.ca.gov/public/
Document Type: Monitoring Plan
Date Completed: 4/10/2019
Comments: activity complete

Title: Monthly Progress Report

Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60000714&doc_id=60300691
Area Name: PROJECT WIDE
Area Link: https://www.envirostor.dtsc.ca.gov/public/
Sub Area:
Sub Area Link: https://www.envirostor.dtsc.ca.gov/public/
Document Type: Other Report
Date Completed: 6/15/2012
Comments: Report approved as submitted.

Title: Thermally Enhance Vapor Extraction Pilot Test Work Plan
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60000714&doc_id=60437313
Area Name: OU1
Area Link: https://www.envirostor.dtsc.ca.gov/public/profile_report?global_id=60000714&ou_id=1971265&hideside=True&printerfriendly=True
Sub Area:
Sub Area Link: https://www.envirostor.dtsc.ca.gov/public/
Document Type: Pilot Study/Treatability Workplan
Date Completed: 1/2/2018
Comments:

Title: July 2014 Monthly Summary Report
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60000714&doc_id=60371386
Area Name: PROJECT WIDE
Area Link: https://www.envirostor.dtsc.ca.gov/public/
Sub Area:
Sub Area Link: https://www.envirostor.dtsc.ca.gov/public/
Document Type: Other Report
Date Completed: 8/20/2014
Comments:

Title: 2012 3rd Quarter Groundwater Monitoring Report
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60000714&doc_id=60309465
Area Name: PROJECT WIDE
Area Link: https://www.envirostor.dtsc.ca.gov/public/
Sub Area:
Sub Area Link: https://www.envirostor.dtsc.ca.gov/public/
Document Type: Monitoring Report
Date Completed: 1/30/2013
Comments:

Title: 2013 September Monthly Progress Report
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60000714&doc_id=60300707
Area Name: PROJECT WIDE
Area Link: https://www.envirostor.dtsc.ca.gov/public/
Sub Area:
Sub Area Link: https://www.envirostor.dtsc.ca.gov/public/
Document Type: Other Report
Date Completed: 11/22/2013
Comments:

Title: 140415 Newcrow Groundwater Monitoring Report March 2014
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60000714&doc_id=60358717
Area Name: PROJECT WIDE
Area Link: https://www.envirostor.dtsc.ca.gov/public/
Sub Area:
Sub Area Link: https://www.envirostor.dtsc.ca.gov/public/
Document Type: Monitoring Report
Date Completed: 4/25/2014
Comments:

Title: Newcrow Estimated Oversight Costs for 2013-2014
Title Link: https://www.envirostor.dtsc.ca.gov/public/
Area Name: PROJECT WIDE
Area Link: https://www.envirostor.dtsc.ca.gov/public/
Sub Area:
Sub Area Link: https://www.envirostor.dtsc.ca.gov/public/
Document Type: Annual Oversight Cost Estimate
Date Completed: 10/11/2013
Comments: Cost estimate for Fiscal Year 2013-2014 sent to Proponent

Title: 2012 November Monthly Summary Report
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60000714&doc_id=60300697
Area Name: PROJECT WIDE
Area Link: https://www.envirostor.dtsc.ca.gov/public/
Sub Area:
Sub Area Link: https://www.envirostor.dtsc.ca.gov/public/
Document Type: Other Report
Date Completed: 12/18/2012
Comments:

Title: 2011 1st Quarter Monitoring Report
Title Link: https://www.envirostor.dtsc.ca.gov/public/
Area Name: PROJECT WIDE
Area Link: https://www.envirostor.dtsc.ca.gov/public/
Sub Area:
Sub Area Link: https://www.envirostor.dtsc.ca.gov/public/
Document Type: Monitoring Report
Date Completed: 1/14/2012
Comments: Report accepted

Title: Remedial Investigation Feasibility Study Workplan Implementation
Title Link: https://www.envirostor.dtsc.ca.gov/public/
Area Name: PROJECT WIDE
Area Link: https://www.envirostor.dtsc.ca.gov/public/
Sub Area:
Sub Area Link: https://www.envirostor.dtsc.ca.gov/public/
Document Type: Fieldwork
Date Completed: 11/8/2013
Comments: Field work has begun

Title: 140715 Newcrow Groundwater Monitoring Report June 2014
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60000714&doc_id=60368607
Area Name: PROJECT WIDE
Area Link: https://www.envirostor.dtsc.ca.gov/public/
Sub Area:
Sub Area Link: https://www.envirostor.dtsc.ca.gov/public/
Document Type: Monitoring Report
Date Completed: 8/20/2014
Comments:

Title: 190115_4Q2018 Newcrow II Groundwater Monitoring Report
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60000714&doc_id=60491782
Area Name: PROJECT WIDE
Area Link: https://www.envirostor.dtsc.ca.gov/public/
Sub Area:
Sub Area Link: https://www.envirostor.dtsc.ca.gov/public/
Document Type: Monitoring Report
Date Completed: 1/15/2019
Comments: activity complete

Title: 2010 2nd Quarter Monitoring Report
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60000714&doc_id=60261722
Area Name: PROJECT WIDE
Area Link: https://www.envirostor.dtsc.ca.gov/public/
Sub Area:
Sub Area Link: https://www.envirostor.dtsc.ca.gov/public/
Document Type: Monitoring Report
Date Completed: 9/13/2011
Comments: GWM Report is approved as submitted. Updates to the monitoring program will be completed after the results of further investigation.

Title: October 2014 Monthly Summary Report
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60000714&doc_id=60371426
Area Name: PROJECT WIDE
Area Link: https://www.envirostor.dtsc.ca.gov/public/
Sub Area:
Sub Area Link: https://www.envirostor.dtsc.ca.gov/public/
Document Type: Other Report

Date Completed: 11/25/2014
Comments:

Title: 140214 Newcrow Monthly Summary Report January 2014
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60000714&doc_id=60352347
Area Name: PROJECT WIDE
Area Link: https://www.envirostor.dtsc.ca.gov/public/
Sub Area:
Sub Area Link: https://www.envirostor.dtsc.ca.gov/public/
Document Type: Other Report
Date Completed: 2/27/2014
Comments:

Title: 201015_Second Semi-Annual 2020 Groundwater Monitoring and Remediation Progress Report
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60000714&doc_id=60491788
Area Name: PROJECT WIDE
Area Link: https://www.envirostor.dtsc.ca.gov/public/
Sub Area:
Sub Area Link: https://www.envirostor.dtsc.ca.gov/public/
Document Type: Monitoring Report
Date Completed: 10/15/2020
Comments: activity complete

Title: 151014 Newcrow Groundwater Monitoring Report September 2015
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60000714&doc_id=60491760
Area Name: PROJECT WIDE
Area Link: https://www.envirostor.dtsc.ca.gov/public/
Sub Area:
Sub Area Link: https://www.envirostor.dtsc.ca.gov/public/
Document Type: Monitoring Report
Date Completed: 10/29/2015
Comments: complete

Title: 2012 2nd Quarter Groundwater Monitoring Report
Title Link: https://www.envirostor.dtsc.ca.gov/public/
Area Name: PROJECT WIDE
Area Link: https://www.envirostor.dtsc.ca.gov/public/
Sub Area:
Sub Area Link: https://www.envirostor.dtsc.ca.gov/public/
Document Type: Monitoring Report
Date Completed: 1/30/2013
Comments:

Title: Monthly Progress Report
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60000714&doc_id=60300694
Area Name: PROJECT WIDE
Area Link: https://www.envirostor.dtsc.ca.gov/public/
Sub Area:
Sub Area Link: https://www.envirostor.dtsc.ca.gov/public/
Document Type: Other Report
Date Completed: 10/18/2012
Comments: Report approved as submitted, but approval letter requested several modifications for future reports. See approval memo.

Title: 180116 Newcrow II Groundwater Monitoring Report December 2017
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60000714&doc_id=60491778
Area Name: PROJECT WIDE
Area Link: https://www.envirostor.dtsc.ca.gov/public/
Sub Area:
Sub Area Link: https://www.envirostor.dtsc.ca.gov/public/
Document Type: Monitoring Report
Date Completed: 1/16/2018
Comments: activity complete

Title: 2nd Quarter Groundwater Monitoring Report 2015
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60000714&doc_id=60399287
Area Name: OU2
Area Link: https://www.envirostor.dtsc.ca.gov/public/profile_report?global_id=60000714&ou_id=1971270&hideside=True&printerfriendly=True

Sub Area:
Sub Area Link: https://www.envirostor.dtsc.ca.gov/public/
Document Type: Monitoring Report
Date Completed: 9/17/2015
Comments:

Title: Soil heating pilot test report
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60000714&doc_id=60462898
Area Name: PROJECT WIDE
Area Link: https://www.envirostor.dtsc.ca.gov/public/
Sub Area:
Sub Area Link: https://www.envirostor.dtsc.ca.gov/public/
Document Type: Pilot/Treatability Study Report
Date Completed: 7/10/2020
Comments:

Title: Newcrow II - Phase II Onsite Investigation Technical Memorandum
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60000714&doc_id=60367646
Area Name: PROJECT WIDE
Area Link: https://www.envirostor.dtsc.ca.gov/public/
Sub Area:
Sub Area Link: https://www.envirostor.dtsc.ca.gov/public/
Document Type: Technical Report
Date Completed: 10/29/2014
Comments:

Title: Vapor Extraction System Startup
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60000714&doc_id=60362826
Area Name: PROJECT WIDE
Area Link: https://www.envirostor.dtsc.ca.gov/public/
Sub Area:
Sub Area Link: https://www.envirostor.dtsc.ca.gov/public/
Document Type: Remedy Constructed: Operating Properly & Successfully
Date Completed: 6/16/2014
Comments:

Title: 2013 1st Quarter Groundwater Monitoring Report
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60000714&doc_id=60320074
Area Name: PROJECT WIDE
Area Link: https://www.envirostor.dtsc.ca.gov/public/
Sub Area:
Sub Area Link: https://www.envirostor.dtsc.ca.gov/public/
Document Type: Monitoring Report
Date Completed: 11/20/2013
Comments:

Title: 2013 April Monthly Progress Report
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60000714&doc_id=60300702
Area Name: PROJECT WIDE
Area Link: https://www.envirostor.dtsc.ca.gov/public/
Sub Area:
Sub Area Link: https://www.envirostor.dtsc.ca.gov/public/
Document Type: Other Report
Date Completed: 5/15/2013
Comments:

Title: 150115 Newcrow II Monthly Summary Report December 2014
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60000714&doc_id=60388342
Area Name: PROJECT WIDE
Area Link: https://www.envirostor.dtsc.ca.gov/public/
Sub Area:
Sub Area Link: https://www.envirostor.dtsc.ca.gov/public/
Document Type: Other Report
Date Completed: 1/28/2015
Comments:

Title: 2010 1st Quarter Groundwater Monitoring Report
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60000714&doc_id=60192541
Area Name: PROJECT WIDE

Area Link: https://www.envirostor.dtsc.ca.gov/public/
Sub Area:
Sub Area Link: https://www.envirostor.dtsc.ca.gov/public/
Document Type: Monitoring Report
Date Completed: 9/13/2011
Comments: GWM Report is approved as submitted. Updates to the monitoring program will be completed after the results of further investigation.

Title: 1st Quarter 2009 Monitoring Report
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60000714&doc_id=6023096
Area Name: PROJECT WIDE
Area Link: https://www.envirostor.dtsc.ca.gov/public/
Sub Area:
Sub Area Link: https://www.envirostor.dtsc.ca.gov/public/
Document Type: Monitoring Report
Date Completed: 5/29/2009
Comments:

Title: 140415 Newcrow Monthly Summary Report March 2014
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60000714&doc_id=60358667
Area Name: PROJECT WIDE
Area Link: https://www.envirostor.dtsc.ca.gov/public/
Sub Area:
Sub Area Link: https://www.envirostor.dtsc.ca.gov/public/
Document Type: Other Report
Date Completed: 4/25/2014
Comments:

Title: 140328 Offsite SV GW Hydropunch Tech Memo
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60000714&doc_id=60358046
Area Name: PROJECT WIDE
Area Link: https://www.envirostor.dtsc.ca.gov/public/
Sub Area:
Sub Area Link: https://www.envirostor.dtsc.ca.gov/public/
Document Type: Remedial Investigation Workplan
Date Completed: 4/23/2014
Comments:

Title: January 2012 Monthly Summary Report Number 3
Title Link: https://www.envirostor.dtsc.ca.gov/public/
Area Name: PROJECT WIDE
Area Link: https://www.envirostor.dtsc.ca.gov/public/
Sub Area:
Sub Area Link: https://www.envirostor.dtsc.ca.gov/public/
Document Type: Other Report
Date Completed: 6/8/2012
Comments: DTSC approved the report with no changes.

Title: 2nd Quarter 2009 Monitoring Report
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60000714&doc_id=6027082
Area Name: PROJECT WIDE
Area Link: https://www.envirostor.dtsc.ca.gov/public/
Sub Area:
Sub Area Link: https://www.envirostor.dtsc.ca.gov/public/
Document Type: Monitoring Report
Date Completed: 8/18/2009
Comments: Approved as originally submitted with a request to further investigate and explain the pronounced groundwater depression observed developing, progressing and becoming quite pronounced over successive recent quarters.

Title: 181015_3Q2018 Newcrow II Groundwater Monitoring Report
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60000714&doc_id=60491780
Area Name: PROJECT WIDE
Area Link: https://www.envirostor.dtsc.ca.gov/public/
Sub Area:
Sub Area Link: https://www.envirostor.dtsc.ca.gov/public/
Document Type: Monitoring Report
Date Completed: 10/15/2018
Comments: activity complete

Title:	170417 Newcrow II Groundwater Monitoring Report March 2017
Title Link:	https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60000714&doc_id=60491769
Area Name:	PROJECT WIDE
Area Link:	https://www.envirostor.dtsc.ca.gov/public/
Sub Area:	
Sub Area Link:	https://www.envirostor.dtsc.ca.gov/public/
Document Type:	Monitoring Report
Date Completed:	4/17/2017
Comments:	activity is complete

Title:	140615 Newcrow Monthly Summary Report May 2014
Title Link:	https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60000714&doc_id=60365600
Area Name:	PROJECT WIDE
Area Link:	https://www.envirostor.dtsc.ca.gov/public/
Sub Area:	
Sub Area Link:	https://www.envirostor.dtsc.ca.gov/public/
Document Type:	Other Report
Date Completed:	7/10/2014
Comments:	

Title:	2013 March Monthly Progress Report
Title Link:	https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60000714&doc_id=60300701
Area Name:	PROJECT WIDE
Area Link:	https://www.envirostor.dtsc.ca.gov/public/
Sub Area:	
Sub Area Link:	https://www.envirostor.dtsc.ca.gov/public/
Document Type:	Other Report
Date Completed:	4/15/2013
Comments:	Approved as submitted. No comments.

Title:	190711_2Q2019 Newcrow II Groundwater Monitoring & Remediation Progress Report
Title Link:	https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60000714&doc_id=60491784
Area Name:	PROJECT WIDE
Area Link:	https://www.envirostor.dtsc.ca.gov/public/
Sub Area:	
Sub Area Link:	https://www.envirostor.dtsc.ca.gov/public/
Document Type:	Monitoring Plan
Date Completed:	7/11/2019
Comments:	activity complete

Title:	161017 Newcrow II Groundwater Monitoring Report September 2016
Title Link:	https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60000714&doc_id=60419950
Area Name:	PROJECT WIDE
Area Link:	https://www.envirostor.dtsc.ca.gov/public/
Sub Area:	
Sub Area Link:	https://www.envirostor.dtsc.ca.gov/public/
Document Type:	Monitoring Report
Date Completed:	12/22/2017
Comments:	

Title:	May 2015 Monthly Summary Report
Title Link:	https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60000714&doc_id=60371450
Area Name:	PROJECT WIDE
Area Link:	https://www.envirostor.dtsc.ca.gov/public/
Sub Area:	
Sub Area Link:	https://www.envirostor.dtsc.ca.gov/public/
Document Type:	Other Report
Date Completed:	6/29/2015
Comments:	

Title:	Monthly Summary Report
Title Link:	https://www.envirostor.dtsc.ca.gov/public/
Area Name:	PROJECT WIDE
Area Link:	https://www.envirostor.dtsc.ca.gov/public/
Sub Area:	
Sub Area Link:	https://www.envirostor.dtsc.ca.gov/public/
Document Type:	Other Report
Date Completed:	10/31/2012
Comments:	Report is approved as submitted.

Title: Monthly Progress Report
Title Link: https://www.envirostor.dtsc.ca.gov/public/
Area Name: PROJECT WIDE
Area Link: https://www.envirostor.dtsc.ca.gov/public/
Sub Area:
Sub Area Link: https://www.envirostor.dtsc.ca.gov/public/
Document Type: Other Report
Date Completed: 6/8/2012
Comments: DTSC reviewed and approved the report with no changes.

Title: Approval of Changes to Monitoring and Reporting Requirements
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60000714&enforcement_id=60491793
Area Name: PROJECT WIDE
Area Link: https://www.envirostor.dtsc.ca.gov/public/
Sub Area:
Sub Area Link: https://www.envirostor.dtsc.ca.gov/public/
Document Type: Correspondence
Date Completed: 7/10/2020
Comments: activity complete

Title: June 2015 Monthly Summary Report
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60000714&doc_id=60371466
Area Name: PROJECT WIDE
Area Link: https://www.envirostor.dtsc.ca.gov/public/
Sub Area:
Sub Area Link: https://www.envirostor.dtsc.ca.gov/public/
Document Type: Other Report
Date Completed: 8/7/2015
Comments:

Title: 140109 Final Sewer Investigation RTC Letter
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60000714&doc_id=60352341
Area Name: PROJECT WIDE
Area Link: https://www.envirostor.dtsc.ca.gov/public/
Sub Area:
Sub Area Link: https://www.envirostor.dtsc.ca.gov/public/
Document Type: Remedial Investigation Workplan
Date Completed: 5/28/2014
Comments:

Title: 2013 July Monthly Progress Report
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60000714&doc_id=60300705
Area Name: PROJECT WIDE
Area Link: https://www.envirostor.dtsc.ca.gov/public/
Sub Area:
Sub Area Link: https://www.envirostor.dtsc.ca.gov/public/
Document Type: Other Report
Date Completed: 11/21/2013
Comments:

Title: 2013 June Monthly Progress Report
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60000714&doc_id=60300704
Area Name: PROJECT WIDE
Area Link: https://www.envirostor.dtsc.ca.gov/public/
Sub Area:
Sub Area Link: https://www.envirostor.dtsc.ca.gov/public/
Document Type: Other Report
Date Completed: 11/21/2013
Comments: Approved as submitted. No comments.

Title: 200115_Newcrow II_4Q2019 Groundwater Monitoring & Remediation Progress Report
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60000714&doc_id=60491786
Area Name: PROJECT WIDE
Area Link: https://www.envirostor.dtsc.ca.gov/public/
Sub Area:
Sub Area Link: https://www.envirostor.dtsc.ca.gov/public/
Document Type: Monitoring Report
Date Completed: 1/15/2020

Comments:	activity complete
Title:	Remedial Investigation Report
Title Link:	https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60000714&doc_id=6027179
Area Name:	PROJECT WIDE
Area Link:	https://www.envirostor.dtsc.ca.gov/public/
Sub Area:	
Sub Area Link:	https://www.envirostor.dtsc.ca.gov/public/
Document Type:	Remedial Investigation Report
Date Completed:	6/14/2018
Comments:	
Title:	Monthly Progress Report
Title Link:	https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60000714&doc_id=60300692
Area Name:	PROJECT WIDE
Area Link:	https://www.envirostor.dtsc.ca.gov/public/
Sub Area:	
Sub Area Link:	https://www.envirostor.dtsc.ca.gov/public/
Document Type:	Other Report
Date Completed:	8/15/2012
Comments:	DTSC has no comments. The report is approved.
Title:	2013 August Monthly Progress Report
Title Link:	https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60000714&doc_id=60300706
Area Name:	PROJECT WIDE
Area Link:	https://www.envirostor.dtsc.ca.gov/public/
Sub Area:	
Sub Area Link:	https://www.envirostor.dtsc.ca.gov/public/
Document Type:	Other Report
Date Completed:	11/22/2013
Comments:	
Title:	I/SE Unilateral Order for the Newcrow II Site
Title Link:	https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60000714&enforcement_id=6011508
Area Name:	PROJECT WIDE
Area Link:	https://www.envirostor.dtsc.ca.gov/public/
Sub Area:	
Sub Area Link:	https://www.envirostor.dtsc.ca.gov/public/
Document Type:	Unilateral Order (I/SE, RAO, CAO, EPA AO)
Date Completed:	3/11/2008
Comments:	The Imminent and Substantial Endangerment Determination and Remedial Action Order was issued to AMB Property, Lockheed Martin, Chrysler, Newcrow II and Mr. Hayden C. Eaves III, on March 11, 2008.
Title:	180416 Newcrow II Groundwater Monitoring Report March 2018
Title Link:	https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60000714&doc_id=60491779
Area Name:	PROJECT WIDE
Area Link:	https://www.envirostor.dtsc.ca.gov/public/
Sub Area:	
Sub Area Link:	https://www.envirostor.dtsc.ca.gov/public/
Document Type:	Monitoring Report
Date Completed:	4/16/2018
Comments:	m
Title:	141014 Newcrow II Groundwater Monitoring Report September 2014
Title Link:	https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60000714&doc_id=60383736
Area Name:	PROJECT WIDE
Area Link:	https://www.envirostor.dtsc.ca.gov/public/
Sub Area:	
Sub Area Link:	https://www.envirostor.dtsc.ca.gov/public/
Document Type:	Monitoring Report
Date Completed:	10/17/2014
Comments:	
Title:	Interrim soil and groundwater investigation
Title Link:	https://www.envirostor.dtsc.ca.gov/public/
Area Name:	PROJECT WIDE
Area Link:	https://www.envirostor.dtsc.ca.gov/public/
Sub Area:	
Sub Area Link:	https://www.envirostor.dtsc.ca.gov/public/

Document Type: Fieldwork
Date Completed: 1/3/2012
Comments: This site investigation work has been conducted in accordance with preliminary investigative tasks proposed in the draft RI/FS Work Plan that have been approved by DTSC in coordination with the RPs in advance of approval of the full workplan, consistent with the intent to pursue a Triad based approach towards investigating the site and characterizing the nature and extent of contamination present.

Title: 2Q2018 Newcrow II Groundwater Monitoring Report
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60000714&doc_id=60491781
Area Name: PROJECT WIDE
Area Link: https://www.envirostor.dtsc.ca.gov/public/
Sub Area:
Sub Area Link: https://www.envirostor.dtsc.ca.gov/public/
Document Type: Monitoring Report
Date Completed: 7/16/2018
Comments: activity complete

Title: 150817 Newcrow II Monthly Summary Report July 2015
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60000714&doc_id=60399288
Area Name: PROJECT WIDE
Area Link: https://www.envirostor.dtsc.ca.gov/public/
Sub Area:
Sub Area Link: https://www.envirostor.dtsc.ca.gov/public/
Document Type: Other Report
Date Completed: 9/1/2015
Comments:

Title: 150515 Newcrow II Monthly Summary Report April 2015
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60000714&doc_id=60393031
Area Name: PROJECT WIDE
Area Link: https://www.envirostor.dtsc.ca.gov/public/
Sub Area:
Sub Area Link: https://www.envirostor.dtsc.ca.gov/public/
Document Type: Other Report
Date Completed: 5/27/2015
Comments:

Title: Monthly Progress Report
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60000714&doc_id=60300693
Area Name: PROJECT WIDE
Area Link: https://www.envirostor.dtsc.ca.gov/public/
Sub Area:
Sub Area Link: https://www.envirostor.dtsc.ca.gov/public/
Document Type: Other Report
Date Completed: 8/15/2012
Comments: Approved without changes.

Title: 160115 Newcrow Groundwater Monitoring Report December 2015
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60000714&doc_id=60491766
Area Name: PROJECT WIDE
Area Link: https://www.envirostor.dtsc.ca.gov/public/
Sub Area:
Sub Area Link: https://www.envirostor.dtsc.ca.gov/public/
Document Type: Monitoring Report
Date Completed: 1/15/2016
Comments: Activity is complete

Title: 141113 Phase II Offsite Investigation Technical Memorandum
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60000714&doc_id=60387029
Area Name: PROJECT WIDE
Area Link: https://www.envirostor.dtsc.ca.gov/public/
Sub Area:
Sub Area Link: https://www.envirostor.dtsc.ca.gov/public/
Document Type: Site Characterization Report
Date Completed: 1/8/2015
Comments:

Title: 140324 Newcrow Monthly Summary Report February 2014
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60000714&doc_id=60358666

Area Name: PROJECT WIDE
Area Link: https://www.envirostor.dtsc.ca.gov/public/
Sub Area:
Sub Area Link: https://www.envirostor.dtsc.ca.gov/public/
Document Type: Other Report
Date Completed: 4/25/2014
Comments:

Title: 140115 Newcrow Groundwater Monitoring Report December 2013
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60000714&doc_id=60348994
Area Name: PROJECT WIDE
Area Link: https://www.envirostor.dtsc.ca.gov/public/
Sub Area:
Sub Area Link: https://www.envirostor.dtsc.ca.gov/public/
Document Type: Other Report
Date Completed: 2/5/2014
Comments:

Title: Human Health Risk Assessment Report
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60000714&doc_id=6027180
Area Name: PROJECT WIDE
Area Link: https://www.envirostor.dtsc.ca.gov/public/
Sub Area:
Sub Area Link: https://www.envirostor.dtsc.ca.gov/public/
Document Type: Risk Assessment Report
Date Completed: 2/27/2017
Comments:

Title: 131015 Newcrow Groundwater Monitoring Report September 2013
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60000714&doc_id=60343453
Area Name: PROJECT WIDE
Area Link: https://www.envirostor.dtsc.ca.gov/public/
Sub Area:
Sub Area Link: https://www.envirostor.dtsc.ca.gov/public/
Document Type: Monitoring Report
Date Completed: 11/22/2013
Comments:

Title: Newcrow Estimated Oversight Costs for 2013-2014
Title Link: https://www.envirostor.dtsc.ca.gov/public/
Area Name: PROJECT WIDE
Area Link: https://www.envirostor.dtsc.ca.gov/public/
Sub Area:
Sub Area Link: https://www.envirostor.dtsc.ca.gov/public/
Document Type: Annual Oversight Cost Estimate
Date Completed: 10/11/2013
Comments:

Title: 2013 May Monthly Progress Report
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60000714&doc_id=60300703
Area Name: PROJECT WIDE
Area Link: https://www.envirostor.dtsc.ca.gov/public/
Sub Area:
Sub Area Link: https://www.envirostor.dtsc.ca.gov/public/
Document Type: Other Report
Date Completed: 7/16/2013
Comments:

Title: 2011 Third Quarter Groundwater Monitoring Report
Title Link: https://www.envirostor.dtsc.ca.gov/public/
Area Name: PROJECT WIDE
Area Link: https://www.envirostor.dtsc.ca.gov/public/
Sub Area:
Sub Area Link: https://www.envirostor.dtsc.ca.gov/public/
Document Type: Monitoring Report
Date Completed: 1/27/2012
Comments: Report accepted

Title: Emergent Chemical Report

Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60000714&doc_id=6019130
Area Name: PROJECT WIDE
Area Link: https://www.envirostor.dtsc.ca.gov/public/
Sub Area:
Sub Area Link: https://www.envirostor.dtsc.ca.gov/public/
Document Type: Site Characterization Report
Date Completed: 8/22/2008
Comments:

Title: Estimated oversight cost 2018-19
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60000714&enforcement_id=60452780
Area Name: PROJECT WIDE
Area Link: https://www.envirostor.dtsc.ca.gov/public/
Sub Area:
Sub Area Link: https://www.envirostor.dtsc.ca.gov/public/
Document Type: Annual Oversight Cost Estimate
Date Completed: 9/28/2018
Comments:

Title: February 2015 Monthly Summary Report
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60000714&doc_id=60371447
Area Name: PROJECT WIDE
Area Link: https://www.envirostor.dtsc.ca.gov/public/
Sub Area:
Sub Area Link: https://www.envirostor.dtsc.ca.gov/public/
Document Type: Other Report
Date Completed: 3/20/2015
Comments:

Title: Annual DTSC Oversight Cost Estimate FY2014/2015
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60000714&enforcement_id=60380946
Area Name: PROJECT WIDE
Area Link: https://www.envirostor.dtsc.ca.gov/public/
Sub Area:
Sub Area Link: https://www.envirostor.dtsc.ca.gov/public/
Document Type: Annual Oversight Cost Estimate
Date Completed: 9/25/2014
Comments:

Title: Monthly Progress Report
Title Link: https://www.envirostor.dtsc.ca.gov/public/
Area Name: PROJECT WIDE
Area Link: https://www.envirostor.dtsc.ca.gov/public/
Sub Area:
Sub Area Link: https://www.envirostor.dtsc.ca.gov/public/
Document Type: Other Report
Date Completed: 1/15/2014
Comments: x

Title: 131115 Newcrow Monthly Summary Report October 2013
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60000714&doc_id=60343463
Area Name: PROJECT WIDE
Area Link: https://www.envirostor.dtsc.ca.gov/public/
Sub Area:
Sub Area Link: https://www.envirostor.dtsc.ca.gov/public/
Document Type: Other Report
Date Completed: 11/21/2013
Comments:

Title: 2013 February Monthly Progress Report
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60000714&doc_id=60300700
Area Name: PROJECT WIDE
Area Link: https://www.envirostor.dtsc.ca.gov/public/
Sub Area:
Sub Area Link: https://www.envirostor.dtsc.ca.gov/public/
Document Type: Other Report
Date Completed: 3/29/2013
Comments: Approved as submitted.

Title: 2012 December Monthly Summary Report
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60000714&doc_id=60300698
Area Name: PROJECT WIDE
Area Link: https://www.envirostor.dtsc.ca.gov/public/
Sub Area:
Sub Area Link: https://www.envirostor.dtsc.ca.gov/public/
Document Type: Other Report
Date Completed: 2/15/2013
Comments:

Title: 160718 Newcrow II Groundwater Monitoring Report June 2016
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60000714&doc_id=60491764
Area Name: PROJECT WIDE
Area Link: https://www.envirostor.dtsc.ca.gov/public/
Sub Area:
Sub Area Link: https://www.envirostor.dtsc.ca.gov/public/
Document Type: Monitoring Report
Date Completed: 7/18/2016
Comments: Activity is complete

Title: September 2014 Monthly Summary Report
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60000714&doc_id=60371406
Area Name: PROJECT WIDE
Area Link: https://www.envirostor.dtsc.ca.gov/public/
Sub Area:
Sub Area Link: https://www.envirostor.dtsc.ca.gov/public/
Document Type: Other Report
Date Completed: 11/25/2014
Comments:

Title: 201215 Newcrow II Monthly Summary Report December 2020
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60000714&doc_id=60491791
Area Name: PROJECT WIDE
Area Link: https://www.envirostor.dtsc.ca.gov/public/
Sub Area:
Sub Area Link: https://www.envirostor.dtsc.ca.gov/public/
Document Type: Other Report
Date Completed: 12/15/2020
Comments: activity complete

Title: 200415_1Q2020 Groundwater Monitoring & Remediation Progress Report
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60000714&doc_id=60491787
Area Name: PROJECT WIDE
Area Link: https://www.envirostor.dtsc.ca.gov/public/
Sub Area:
Sub Area Link: https://www.envirostor.dtsc.ca.gov/public/
Document Type: Monitoring Report
Date Completed: 4/15/2020
Comments: activity complete

Title: Newcrow Groundwater Monitoring Report June 2013
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60000714&doc_id=60333422
Area Name: PROJECT WIDE
Area Link: https://www.envirostor.dtsc.ca.gov/public/
Sub Area:
Sub Area Link: https://www.envirostor.dtsc.ca.gov/public/
Document Type: Monitoring Report
Date Completed: 11/20/2013
Comments:

Title: Groundwater and Deep soil Characterization report
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60000714&doc_id=60371606
Area Name: OU2
Area Link: https://www.envirostor.dtsc.ca.gov/public/profile_report?global_id=60000714&ou_id=1971270&hideside=True&printerfriendly=True
Sub Area:
Sub Area Link: https://www.envirostor.dtsc.ca.gov/public/
Document Type: Site Characterization Report
Date Completed: 8/28/2015

Comments:

Title: 2012 4th Quarter Groundwater Monitoring Report
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60000714&doc_id=60314630
Area Name: PROJECT WIDE
Area Link: https://www.envirostor.dtsc.ca.gov/public/
Sub Area:
Sub Area Link: https://www.envirostor.dtsc.ca.gov/public/
Document Type: Monitoring Report
Date Completed: 4/18/2013
Comments:

Title: 2010 3rd Quarter Monitoring Report
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60000714&doc_id=60261723
Area Name: PROJECT WIDE
Area Link: https://www.envirostor.dtsc.ca.gov/public/
Sub Area:
Sub Area Link: https://www.envirostor.dtsc.ca.gov/public/
Document Type: Monitoring Report
Date Completed: 9/13/2011
Comments: GWM Report is approved as submitted. Updates to the monitoring program will be completed after the results of further investigation.

Title: 171016 Newcrow II Groundwater Monitoring Report September 2017
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60000714&doc_id=60491776
Area Name: PROJECT WIDE
Area Link: https://www.envirostor.dtsc.ca.gov/public/
Sub Area:
Sub Area Link: https://www.envirostor.dtsc.ca.gov/public/
Document Type: Monitoring Report
Date Completed: 10/16/2017
Comments: activity complete

Title: 150922 Newcrow II Indoor Air Sampling Plan - DTSC Site 301321
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60000714&doc_id=60405105
Area Name: OU1
Area Link: https://www.envirostor.dtsc.ca.gov/public/profile_report?global_id=60000714&ou_id=1971265&hideside=True&printerfriendly=True
Sub Area:
Sub Area Link: https://www.envirostor.dtsc.ca.gov/public/
Document Type: Site Characterization Workplan
Date Completed: 10/5/2015
Comments:

Title: August 2014 Monthly Summary Report
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60000714&doc_id=60371389
Area Name: PROJECT WIDE
Area Link: https://www.envirostor.dtsc.ca.gov/public/
Sub Area:
Sub Area Link: https://www.envirostor.dtsc.ca.gov/public/
Document Type: Other Report
Date Completed: 9/26/2014
Comments:

Title: 140115 Newcrow Monthly Summary Report December 2013
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60000714&doc_id=60348226
Area Name: PROJECT WIDE
Area Link: https://www.envirostor.dtsc.ca.gov/public/
Sub Area:
Sub Area Link: https://www.envirostor.dtsc.ca.gov/public/
Document Type: Other Report
Date Completed: 2/5/2014
Comments:

Title: 2nd Monthly Progress Report
Title Link: https://www.envirostor.dtsc.ca.gov/public/
Area Name: PROJECT WIDE
Area Link: https://www.envirostor.dtsc.ca.gov/public/
Sub Area:

Sub Area Link: https://www.envirostor.dtsc.ca.gov/public/
Document Type: Other Report
Date Completed: 6/8/2012
Comments: DTSC approves the report without modification.

Title: 2011 Fourth Quarter Groundwater Monitoring Report
Title Link: https://www.envirostor.dtsc.ca.gov/public/
Area Name: PROJECT WIDE
Area Link: https://www.envirostor.dtsc.ca.gov/public/
Sub Area:
Sub Area Link: https://www.envirostor.dtsc.ca.gov/public/
Document Type: Monitoring Report
Date Completed: 5/30/2012
Comments: Report accepted

Title: 3rd Quarter 2008 Monitoring Report
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60000714&doc_id=6021037
Area Name: PROJECT WIDE
Area Link: https://www.envirostor.dtsc.ca.gov/public/
Sub Area:
Sub Area Link: https://www.envirostor.dtsc.ca.gov/public/
Document Type: Monitoring Report
Date Completed: 12/12/2008
Comments: Task Completed.

Title: 201112 Newcrow II Monthly Summary Report November 2020
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60000714&doc_id=60491790
Area Name: PROJECT WIDE
Area Link: https://www.envirostor.dtsc.ca.gov/public/
Sub Area:
Sub Area Link: https://www.envirostor.dtsc.ca.gov/public/
Document Type: Monitoring Report
Date Completed: 11/12/2020
Comments: activity complete

Title: April 2015 Monthly Summary Report
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60000714&doc_id=60371449
Area Name: PROJECT WIDE
Area Link: https://www.envirostor.dtsc.ca.gov/public/
Sub Area:
Sub Area Link: https://www.envirostor.dtsc.ca.gov/public/
Document Type: Other Report
Date Completed: 5/27/2015
Comments:

Title: 1st Qtr 2015 Groundwater Monitoring Report
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60000714&doc_id=60371506
Area Name: OU2
Area Link: https://www.envirostor.dtsc.ca.gov/public/profile_report?global_id=60000714&ou_id=1971270&hideside=True&printerfriendly=True
Sub Area:
Sub Area Link: https://www.envirostor.dtsc.ca.gov/public/
Document Type: Monitoring Report
Date Completed: 4/30/2015
Comments:

Title: 141215 Newcrow II Monthly Summary Report November 2014
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60000714&doc_id=60387222
Area Name: PROJECT WIDE
Area Link: https://www.envirostor.dtsc.ca.gov/public/
Sub Area:
Sub Area Link: https://www.envirostor.dtsc.ca.gov/public/
Document Type: Other Report
Date Completed: 12/18/2014
Comments:

Title: Fieldwork for investigation
Title Link: https://www.envirostor.dtsc.ca.gov/public/
Area Name: PROJECT WIDE

Area Link: https://www.envirostor.dtsc.ca.gov/public/
Sub Area:
Sub Area Link: https://www.envirostor.dtsc.ca.gov/public/
Document Type: Fieldwork
Date Completed: 11/21/2013
Comments: Investigation field work has begun

Title: 2011 Second Quarter Groundwater Monitoring Report
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60000714&doc_id=60309429
Area Name: PROJECT WIDE
Area Link: https://www.envirostor.dtsc.ca.gov/public/
Sub Area:
Sub Area Link: https://www.envirostor.dtsc.ca.gov/public/
Document Type: Monitoring Report
Date Completed: 11/24/2011
Comments: Report accepted

Title: 2013 January Monthly Progress Report
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60000714&doc_id=60300699
Area Name: PROJECT WIDE
Area Link: https://www.envirostor.dtsc.ca.gov/public/
Sub Area:
Sub Area Link: https://www.envirostor.dtsc.ca.gov/public/
Document Type: Other Report
Date Completed: 2/15/2013
Comments:

Title: Monthly Progress Report
Title Link: https://www.envirostor.dtsc.ca.gov/public/
Area Name: PROJECT WIDE
Area Link: https://www.envirostor.dtsc.ca.gov/public/
Sub Area:
Sub Area Link: https://www.envirostor.dtsc.ca.gov/public/
Document Type: Other Report
Date Completed: 6/8/2012
Comments: Report was reviewed and approved.

Title: Remedial Investigation/Feasibility Study Workplan
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60000714&doc_id=6028492
Area Name: PROJECT WIDE
Area Link: https://www.envirostor.dtsc.ca.gov/public/
Sub Area:
Sub Area Link: https://www.envirostor.dtsc.ca.gov/public/
Document Type: Remedial Investigation Workplan
Date Completed: 12/30/2013
Comments:

Title: 2012 October Monthly Summary Report
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60000714&doc_id=60300696
Area Name: PROJECT WIDE
Area Link: https://www.envirostor.dtsc.ca.gov/public/
Sub Area:
Sub Area Link: https://www.envirostor.dtsc.ca.gov/public/
Document Type: Other Report
Date Completed: 12/14/2012
Comments:

Title: 2012 First Quarter Groundwater Monitoring Report
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60000714&doc_id=60298571
Area Name: PROJECT WIDE
Area Link: https://www.envirostor.dtsc.ca.gov/public/
Sub Area:
Sub Area Link: https://www.envirostor.dtsc.ca.gov/public/
Document Type: Monitoring Report
Date Completed: 8/28/2012
Comments: Report accepted

Title: January 2015 Monthly Summary Report
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60000714&doc_id=60371446

Area Name: PROJECT WIDE
Area Link: https://www.envirostor.dtsc.ca.gov/public/
Sub Area:
Sub Area Link: https://www.envirostor.dtsc.ca.gov/public/
Document Type: Other Report
Date Completed: 3/10/2015
Comments:

Title: Supplemental Southern Property Boundary Soil Vapor Sampling Workplan
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60000714&doc_id=60334134
Area Name: PROJECT WIDE
Area Link: https://www.envirostor.dtsc.ca.gov/public/
Sub Area:
Sub Area Link: https://www.envirostor.dtsc.ca.gov/public/
Document Type: Site Characterization Workplan
Date Completed: 9/27/2013
Comments:

Title: 201015 Newcrow II Monthly Summary Report September 2020
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60000714&doc_id=60491789
Area Name: PROJECT WIDE
Area Link: https://www.envirostor.dtsc.ca.gov/public/
Sub Area:
Sub Area Link: https://www.envirostor.dtsc.ca.gov/public/
Document Type: Other Report
Date Completed: 10/15/2020
Comments: activity complete

Title: 2010 4th Quarter Monitoring Report
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60000714&doc_id=60262864
Area Name: PROJECT WIDE
Area Link: https://www.envirostor.dtsc.ca.gov/public/
Sub Area:
Sub Area Link: https://www.envirostor.dtsc.ca.gov/public/
Document Type: Monitoring Report
Date Completed: 9/13/2011
Comments: GWM Report is approved as submitted. Updates to the monitoring program will be completed after the results of further investigation.

Title: 131215 Newcrow Monthly Summary Report November 2013
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60000714&doc_id=60345966
Area Name: PROJECT WIDE
Area Link: https://www.envirostor.dtsc.ca.gov/public/
Sub Area:
Sub Area Link: https://www.envirostor.dtsc.ca.gov/public/
Document Type: Monitoring Report
Date Completed: 12/13/2013
Comments: DTSC accepts Summary Report without comment

Title: Remedial Investigation Work Notice
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60000714&doc_id=60323336
Area Name: PROJECT WIDE
Area Link: https://www.envirostor.dtsc.ca.gov/public/
Sub Area:
Sub Area Link: https://www.envirostor.dtsc.ca.gov/public/
Document Type: Work Notice
Date Completed: 9/23/2013
Comments:

97	2 of 2	SE	0.93 / 4,905.46	137.41 / -5	NEWCROW II 6141 TO 6241 RANDOLPH STREET COMMERCE CA 90040	ENVIROSTOR

Estor/EPA ID: 60000714
Site Code: 301321
Nat Priority List: NO
APN: NONE SPECIFIED
Census Tract: 6037532304
Assembly District: 58
Senate District: 32
Permit Renewal Lead:
Public Partici Spclst:
Project Manager: DON INDERMILL

Site Type:	STATE RESPONSE OR NPL	***County:***	LOS ANGELES
Address Description:	6141 TO 6241 RANDOLPH STREET	***Latitude:***	33.978527591118
Office:	CLEANUP CHATSWORTH	***Longitude:***	-118.153420686722
Special Program:		***Acres:***	40 ACRES
Funding:	RESPONSIBLE PARTY	***Supervisor:***	ANDRES CANO

Cleanup Status: ACTIVE AS OF 5/11/2021
Cleanup Oversight Agencies: DTSC - SITE CLEANUP PROGRAM - LEAD AGENCY
School District:
Past Use that Caused Contam: AEROSPACE MANUFACTURING/MAINTENANCE, DEGREASING FACILITY, FUEL - VEHICLE STORAGE/ REFUELING, MACHINE SHOP, MAINTENANCE / CLEANING, MANUFACTURING - ELECTRONIC, MANUFACTURING - METAL, MANUFACTURING - OTHER, METAL FINISHING, OIL/WATER SEPARATORS, PAINT/DEPAINT FACILITY, VEHICLE MAINTENANCE, WAREHOUSING, WASTE - INDUSTRIAL WASTE LINE
Potential Media Affected: AQUIFER USED FOR DRINKING WATER SUPPLY AFFECTED, OTHER GROUNDWATER AFFECTED (USES OTHER THAN DRINKING WATER), SOIL, SOIL VAPOR
Potential Contamin of Concern:

1,4-DIOXANE
METALS
N-NITROSODIMETHYLAMINE
PERCHLORATE
VOLATILE ORGANICS (8260B VOCS)

Site History:

Investigation efforts conducted at the Site between 1998 and 2002 by Dames & Moore, Arcadis Geraghty & Miller, and URS Corporation have revealed the presence of several volatile organic compounds (VOCs) in both soil and groundwater beneath the Site. The maximum concentration of chemicals found in soil, as reported in the Subsurface Investigation Report (Arcadis Geraghty & Miller, July 28, 2000) were as follows: acetone 71 µg/kg, chloroform 25 µg/kg, 1,1-dichloroethane (1,1-DCA) 14 µg/kg, 1,2-dichloroethane (1,2-DCA) 7.2 µg/kg, 1,1-dichloroethene (1,1-DCE) 310 µg/kg, cis-1,2-DCE 7.3 µg/kg, 1,1,1, 2-TCA 7.5 µg/kg, 1,1,2-TCA 13 µg/kg, tetrachloroethene (PCE) 3600 µg/kg, trichloroethene (TCE) 57 µg/kg, and methyl tert butyl ether (MTBE) 20 µg/kg. The maximum groundwater concentrations for chemicals which exceeded maximum contaminant levels (MCLs) were reported as follows in the same report; benzene 37 µg/l, carbon tetrachloride (CT) 89 µg/l, 1,1-dichloroethene (1,1-DCE) 4,100 µg/l, tetrachloroethene (PCE) 690 µg/l and trichloroethene (TCE) 2,100 µg/l.

On-going groundwater monitoring is being conducted at the Site. Monitoring data from the Site has identified VOCs in groundwater exceeding MCLs. Groundwater migrating onto the Site from off-site sources is also impacted with VOCs exceeding MCLs. The maximum concentration of chemicals reported above MCLs during 2005/2006 are provided below.

Compound Site Concentration
Carbon Tetrachloride (CT) 120 µg/l
1,1-DCA 50 µg/l
1,2-DCA 10 µg/l
1,1-DCE 650 µg/
PCE 650 µg/l
TCE 850 µg/l
1,4-Dioxane 160 µg/l
N-Nitrosodimethylamine (NDMA) 0.072 µg/l
1,2,3-Trichloropropane (1,2,3-TCP)0.0066 µg/l
Hexavalent Chromium (CR+6) 740 µg/l
Perchlorate 7.4 µg/l

On-Site and Off-site assessment of COC concentrations is essentially complete. There is no danger of vapor intrusion to any off site properties. VOCs in groundwater have been delineated in groundwater which is present at approximately 100 feet below ground surface. Soil Vapor Extraction is being used as RWQCB approved remedy to reduce source . RP group and DTSC are discussing closure strategies.

Status: ACTIVE
Program Type: STATE RESPONSE
CalEnviroScreen Score: 96-100%
Summary Link: https://www.envirostor.dtsc.ca.gov/public/profile_report?global_id=60000714

Future Activities

Area Name: PROJECT WIDE
Area Link: https://www.envirostor.dtsc.ca.gov/public/
Sub Area:
Sub Area Link: https://www.envirostor.dtsc.ca.gov/public/
Document Type: Removal Action Completion Report
Due Date: 2023

Area Name: PROJECT WIDE
Area Link: https://www.envirostor.dtsc.ca.gov/public/
Sub Area:
Sub Area Link: https://www.envirostor.dtsc.ca.gov/public/
Document Type: Certification
Due Date: 2024

Area Name: PROJECT WIDE
Area Link: https://www.envirostor.dtsc.ca.gov/public/
Sub Area:
Sub Area Link: https://www.envirostor.dtsc.ca.gov/public/
Document Type: Land Use Restriction
Due Date: 2024

Completed Activities

Title: 2010 2nd Quarter Monitoring Report
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60000714&doc_id=60261722
Area Name: PROJECT WIDE
Area Link: https://www.envirostor.dtsc.ca.gov/public/
Sub Area:
Sub Area Link: https://www.envirostor.dtsc.ca.gov/public/
Document Type: Monitoring Report
Date Completed: 9/13/2011
Comments: GWM Report is approved as submitted. Updates to the monitoring program will be completed after the results of further investigation.

Title: 2nd Quarter 2009 Monitoring Report
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60000714&doc_id=6027082
Area Name: PROJECT WIDE
Area Link: https://www.envirostor.dtsc.ca.gov/public/
Sub Area:
Sub Area Link: https://www.envirostor.dtsc.ca.gov/public/
Document Type: Monitoring Report
Date Completed: 8/18/2009
Comments: Approved as originally submitted with a request to further investigate and explain the pronounced groundwater depression observed developing, progressing and becoming quite pronounced over successive recent quarters.

Title: 181015_3Q2018 Newcrow II Groundwater Monitoring Report
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60000714&doc_id=60491780
Area Name: PROJECT WIDE
Area Link: https://www.envirostor.dtsc.ca.gov/public/
Sub Area:
Sub Area Link: https://www.envirostor.dtsc.ca.gov/public/
Document Type: Monitoring Report
Date Completed: 10/15/2018
Comments: activity complete

Title: Estimated oversight cost 2018-19
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60000714&enforcement_id=60452780
Area Name: PROJECT WIDE
Area Link: https://www.envirostor.dtsc.ca.gov/public/
Sub Area:
Sub Area Link: https://www.envirostor.dtsc.ca.gov/public/
Document Type: Annual Oversight Cost Estimate
Date Completed: 9/28/2018
Comments:

Title: 180416 Newcrow II Groundwater Monitoring Report March 2018
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60000714&doc_id=60491779
Area Name: PROJECT WIDE
Area Link: https://www.envirostor.dtsc.ca.gov/public/
Sub Area:
Sub Area Link: https://www.envirostor.dtsc.ca.gov/public/
Document Type: Monitoring Report
Date Completed: 4/16/2018
Comments: m

Title: 170417 Newcrow II Groundwater Monitoring Report March 2017
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60000714&doc_id=60491769
Area Name: PROJECT WIDE
Area Link: https://www.envirostor.dtsc.ca.gov/public/
Sub Area:
Sub Area Link: https://www.envirostor.dtsc.ca.gov/public/
Document Type: Monitoring Report
Date Completed: 4/17/2017
Comments: activity is complete

Title: February 2015 Monthly Summary Report
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60000714&doc_id=60371447
Area Name: PROJECT WIDE
Area Link: https://www.envirostor.dtsc.ca.gov/public/
Sub Area:
Sub Area Link: https://www.envirostor.dtsc.ca.gov/public/
Document Type: Other Report
Date Completed: 3/20/2015
Comments:

Title: October 2014 Monthly Summary Report
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60000714&doc_id=60371426
Area Name: PROJECT WIDE
Area Link: https://www.envirostor.dtsc.ca.gov/public/
Sub Area:
Sub Area Link: https://www.envirostor.dtsc.ca.gov/public/
Document Type: Other Report
Date Completed: 11/25/2014
Comments:

Title: 141014 Newcrow II Groundwater Monitoring Report September 2014
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60000714&doc_id=60383736
Area Name: PROJECT WIDE
Area Link: https://www.envirostor.dtsc.ca.gov/public/
Sub Area:
Sub Area Link: https://www.envirostor.dtsc.ca.gov/public/
Document Type: Monitoring Report
Date Completed: 10/17/2014
Comments:

Title: Annual DTSC Oversight Cost Estimate FY2014/2015
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60000714&enforcement_id=60380946
Area Name: PROJECT WIDE
Area Link: https://www.envirostor.dtsc.ca.gov/public/
Sub Area:
Sub Area Link: https://www.envirostor.dtsc.ca.gov/public/
Document Type: Annual Oversight Cost Estimate
Date Completed: 9/25/2014
Comments:

Title: July 2014 Monthly Summary Report
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60000714&doc_id=60371386
Area Name: PROJECT WIDE
Area Link: https://www.envirostor.dtsc.ca.gov/public/
Sub Area:
Sub Area Link: https://www.envirostor.dtsc.ca.gov/public/
Document Type: Other Report
Date Completed: 8/20/2014
Comments:

Title: 140615 Newcrow Monthly Summary Report May 2014
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60000714&doc_id=60365600
Area Name: PROJECT WIDE
Area Link: https://www.envirostor.dtsc.ca.gov/public/
Sub Area:
Sub Area Link: https://www.envirostor.dtsc.ca.gov/public/
Document Type: Other Report
Date Completed: 7/10/2014
Comments:

Title: 140127 Amended Newcrow II- RIFS WP
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60000714&doc_id=60352346
Area Name: PROJECT WIDE
Area Link: https://www.envirostor.dtsc.ca.gov/public/
Sub Area:
Sub Area Link: https://www.envirostor.dtsc.ca.gov/public/
Document Type: Remedial Investigation Workplan
Date Completed: 4/18/2014
Comments: The Work Plan in its final form was submitted in a series of Tech Memos. These were approved in the 9/17/2013 Revision and Approval of Tech Memos, 2/21/2013 Approval of Nine Technical Memoranda, 8/9/2013 Comments on Sewer Tech Memo, 9/20/2013 Sampling and Analysis Plan approval, and 9/27/2013 Southern Boundary Tech Memo approval

Title: 140214 Newcrow Monthly Summary Report January 2014
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60000714&doc_id=60352347
Area Name: PROJECT WIDE
Area Link: https://www.envirostor.dtsc.ca.gov/public/
Sub Area:
Sub Area Link: https://www.envirostor.dtsc.ca.gov/public/
Document Type: Other Report
Date Completed: 2/27/2014
Comments:

Title: Monthly Progress Report
Title Link: https://www.envirostor.dtsc.ca.gov/public/
Area Name: PROJECT WIDE
Area Link: https://www.envirostor.dtsc.ca.gov/public/
Sub Area:
Sub Area Link: https://www.envirostor.dtsc.ca.gov/public/
Document Type: Other Report
Date Completed: 1/15/2014
Comments: x

Title: 131115 Newcrow Monthly Summary Report October 2013
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60000714&doc_id=60343463
Area Name: PROJECT WIDE
Area Link: https://www.envirostor.dtsc.ca.gov/public/
Sub Area:
Sub Area Link: https://www.envirostor.dtsc.ca.gov/public/
Document Type: Other Report
Date Completed: 11/21/2013
Comments:

Title: 2013 February Monthly Progress Report
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60000714&doc_id=60300700
Area Name: PROJECT WIDE
Area Link: https://www.envirostor.dtsc.ca.gov/public/
Sub Area:
Sub Area Link: https://www.envirostor.dtsc.ca.gov/public/
Document Type: Other Report
Date Completed: 3/29/2013
Comments: Approved as submitted.

Title: 2012 December Monthly Summary Report
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60000714&doc_id=60300698
Area Name: PROJECT WIDE
Area Link: https://www.envirostor.dtsc.ca.gov/public/
Sub Area:
Sub Area Link: https://www.envirostor.dtsc.ca.gov/public/
Document Type: Other Report
Date Completed: 2/15/2013
Comments:

Title: 2012 3rd Quarter Groundwater Monitoring Report
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60000714&doc_id=60309465
Area Name: PROJECT WIDE
Area Link: https://www.envirostor.dtsc.ca.gov/public/
Sub Area:

Sub Area Link: https://www.envirostor.dtsc.ca.gov/public/
Document Type: Monitoring Report
Date Completed: 1/30/2013
Comments:

Title: Monthly Progress Report
Title Link: https://www.envirostor.dtsc.ca.gov/public/
Area Name: PROJECT WIDE
Area Link: https://www.envirostor.dtsc.ca.gov/public/
Sub Area:
Sub Area Link: https://www.envirostor.dtsc.ca.gov/public/
Document Type: Other Report
Date Completed: 6/8/2012
Comments: DTSC approves the report without comment.

Title: 2nd Monthly Progress Report
Title Link: https://www.envirostor.dtsc.ca.gov/public/
Area Name: PROJECT WIDE
Area Link: https://www.envirostor.dtsc.ca.gov/public/
Sub Area:
Sub Area Link: https://www.envirostor.dtsc.ca.gov/public/
Document Type: Other Report
Date Completed: 6/8/2012
Comments: DTSC approves the report without modification.

Title: 2011 Fourth Quarter Groundwater Monitoring Report
Title Link: https://www.envirostor.dtsc.ca.gov/public/
Area Name: PROJECT WIDE
Area Link: https://www.envirostor.dtsc.ca.gov/public/
Sub Area:
Sub Area Link: https://www.envirostor.dtsc.ca.gov/public/
Document Type: Monitoring Report
Date Completed: 5/30/2012
Comments: Report accepted

Title: 3rd Quarter 2008 Monitoring Report
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60000714&doc_id=6021037
Area Name: PROJECT WIDE
Area Link: https://www.envirostor.dtsc.ca.gov/public/
Sub Area:
Sub Area Link: https://www.envirostor.dtsc.ca.gov/public/
Document Type: Monitoring Report
Date Completed: 12/12/2008
Comments: Task Completed.

Title: 201015_Second Semi-Annual 2020 Groundwater Monitoring and Remediation Progress Report
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60000714&doc_id=60491788
Area Name: PROJECT WIDE
Area Link: https://www.envirostor.dtsc.ca.gov/public/
Sub Area:
Sub Area Link: https://www.envirostor.dtsc.ca.gov/public/
Document Type: Monitoring Report
Date Completed: 10/15/2020
Comments: activity complete

Title: 191014_Newcrow II_3Q2019 Groundwater Monitoring & Remediation Progress Report
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60000714&doc_id=60491785
Area Name: PROJECT WIDE
Area Link: https://www.envirostor.dtsc.ca.gov/public/
Sub Area:
Sub Area Link: https://www.envirostor.dtsc.ca.gov/public/
Document Type: Monitoring Plan
Date Completed: 10/14/2019
Comments: activity complete

Title: 160718 Newcrow II Groundwater Monitoring Report June 2016
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60000714&doc_id=60491764
Area Name: PROJECT WIDE
Area Link: https://www.envirostor.dtsc.ca.gov/public/

Sub Area:
Sub Area Link: https://www.envirostor.dtsc.ca.gov/public/
Document Type: Monitoring Report
Date Completed: 7/18/2016
Comments: Activity is complete

Title: 160115 Newcrow Groundwater Monitoring Report December 2015
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60000714&doc_id=60491766
Area Name: PROJECT WIDE
Area Link: https://www.envirostor.dtsc.ca.gov/public/
Sub Area:
Sub Area Link: https://www.envirostor.dtsc.ca.gov/public/
Document Type: Monitoring Report
Date Completed: 1/15/2016
Comments: Activity is complete

Title: 151014 Newcrow Groundwater Monitoring Report September 2015
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60000714&doc_id=60491760
Area Name: PROJECT WIDE
Area Link: https://www.envirostor.dtsc.ca.gov/public/
Sub Area:
Sub Area Link: https://www.envirostor.dtsc.ca.gov/public/
Document Type: Monitoring Report
Date Completed: 10/29/2015
Comments: complete

Title: 141113 Phase II Offsite Investigation Technical Memorandum
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60000714&doc_id=60387029
Area Name: PROJECT WIDE
Area Link: https://www.envirostor.dtsc.ca.gov/public/
Sub Area:
Sub Area Link: https://www.envirostor.dtsc.ca.gov/public/
Document Type: Site Characterization Report
Date Completed: 1/8/2015
Comments:

Title: September 2014 Monthly Summary Report
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60000714&doc_id=60371406
Area Name: PROJECT WIDE
Area Link: https://www.envirostor.dtsc.ca.gov/public/
Sub Area:
Sub Area Link: https://www.envirostor.dtsc.ca.gov/public/
Document Type: Other Report
Date Completed: 11/25/2014
Comments:

Title: 140324 Newcrow Monthly Summary Report February 2014
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60000714&doc_id=60358666
Area Name: PROJECT WIDE
Area Link: https://www.envirostor.dtsc.ca.gov/public/
Sub Area:
Sub Area Link: https://www.envirostor.dtsc.ca.gov/public/
Document Type: Other Report
Date Completed: 4/25/2014
Comments:

Title: 140115 Newcrow Groundwater Monitoring Report December 2013
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60000714&doc_id=60348994
Area Name: PROJECT WIDE
Area Link: https://www.envirostor.dtsc.ca.gov/public/
Sub Area:
Sub Area Link: https://www.envirostor.dtsc.ca.gov/public/
Document Type: Other Report
Date Completed: 2/5/2014
Comments:

Title: 2013 September Monthly Progress Report
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60000714&doc_id=60300707
Area Name: PROJECT WIDE

Area Link: https://www.envirostor.dtsc.ca.gov/public/
Sub Area:
Sub Area Link: https://www.envirostor.dtsc.ca.gov/public/
Document Type: Other Report
Date Completed: 11/22/2013
Comments:

Title: 2013 March Monthly Progress Report
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60000714&doc_id=60300701
Area Name: PROJECT WIDE
Area Link: https://www.envirostor.dtsc.ca.gov/public/
Sub Area:
Sub Area Link: https://www.envirostor.dtsc.ca.gov/public/
Document Type: Other Report
Date Completed: 4/15/2013
Comments: Approved as submitted. No comments.

Title: 2012 2nd Quarter Groundwater Monitoring Report
Title Link: https://www.envirostor.dtsc.ca.gov/public/
Area Name: PROJECT WIDE
Area Link: https://www.envirostor.dtsc.ca.gov/public/
Sub Area:
Sub Area Link: https://www.envirostor.dtsc.ca.gov/public/
Document Type: Monitoring Report
Date Completed: 1/30/2013
Comments:

Title: Monthly Progress Report
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60000714&doc_id=60300694
Area Name: PROJECT WIDE
Area Link: https://www.envirostor.dtsc.ca.gov/public/
Sub Area:
Sub Area Link: https://www.envirostor.dtsc.ca.gov/public/
Document Type: Other Report
Date Completed: 10/18/2012
Comments: Report approved as submitted, but approval letter requested several modifications for future reports. See approval memo.

Title: Interrim soil and groundwater investigation
Title Link: https://www.envirostor.dtsc.ca.gov/public/
Area Name: PROJECT WIDE
Area Link: https://www.envirostor.dtsc.ca.gov/public/
Sub Area:
Sub Area Link: https://www.envirostor.dtsc.ca.gov/public/
Document Type: Fieldwork
Date Completed: 1/3/2012
Comments: This site investigation work has been conducted in accordance with preliminary investigative tasks proposed in the draft RI/FS Work Plan that have been approved by DTSC in coordination with the RPs in advance of approval of the full workplan, consistent with the intent to pursue a Triad based approach towards investigating the site and characterizing the nature and extent of contamination present.

Title: 4th Quarter 2008 Groundwater Monitoring Report
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60000714&doc_id=6022440
Area Name: PROJECT WIDE
Area Link: https://www.envirostor.dtsc.ca.gov/public/
Sub Area:
Sub Area Link: https://www.envirostor.dtsc.ca.gov/public/
Document Type: Monitoring Report
Date Completed: 5/29/2009
Comments:

Title: 201215 Newcrow II Monthly Summary Report December 2020
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60000714&doc_id=60491791
Area Name: PROJECT WIDE
Area Link: https://www.envirostor.dtsc.ca.gov/public/
Sub Area:
Sub Area Link: https://www.envirostor.dtsc.ca.gov/public/
Document Type: Other Report
Date Completed: 12/15/2020

Comments: activity complete

Title: 201112 Newcrow II Monthly Summary Report November 2020
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60000714&doc_id=60491790
Area Name: PROJECT WIDE
Area Link: https://www.envirostor.dtsc.ca.gov/public/
Sub Area:
Sub Area Link: https://www.envirostor.dtsc.ca.gov/public/
Document Type: Monitoring Report
Date Completed: 11/12/2020
Comments: activity complete

Title: 2Q2018 Newcrow II Groundwater Monitoring Report
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60000714&doc_id=60491781
Area Name: PROJECT WIDE
Area Link: https://www.envirostor.dtsc.ca.gov/public/
Sub Area:
Sub Area Link: https://www.envirostor.dtsc.ca.gov/public/
Document Type: Monitoring Report
Date Completed: 7/16/2018
Comments: activity complete

Title: 180116 Newcrow II Groundwater Monitoring Report December 2017
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60000714&doc_id=60491778
Area Name: PROJECT WIDE
Area Link: https://www.envirostor.dtsc.ca.gov/public/
Sub Area:
Sub Area Link: https://www.envirostor.dtsc.ca.gov/public/
Document Type: Monitoring Report
Date Completed: 1/16/2018
Comments: activity complete

Title: 160413 Newcrow II Groundwater Monitoring Report March 2016
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60000714&doc_id=60491761
Area Name: PROJECT WIDE
Area Link: https://www.envirostor.dtsc.ca.gov/public/
Sub Area:
Sub Area Link: https://www.envirostor.dtsc.ca.gov/public/
Document Type: Monitoring Report
Date Completed: 4/13/2016
Comments: Activity is complete

Title: 2nd Quarter Groundwater Monitoring Report 2015
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60000714&doc_id=60399287
Area Name: OU2
Area Link: https://www.envirostor.dtsc.ca.gov/public/profile_report?global_id=60000714&ou_id=1971270&hideside=True&printerfriendly=True
Sub Area:
Sub Area Link: https://www.envirostor.dtsc.ca.gov/public/
Document Type: Monitoring Report
Date Completed: 9/17/2015
Comments:

Title: April 2015 Monthly Summary Report
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60000714&doc_id=60371449
Area Name: PROJECT WIDE
Area Link: https://www.envirostor.dtsc.ca.gov/public/
Sub Area:
Sub Area Link: https://www.envirostor.dtsc.ca.gov/public/
Document Type: Other Report
Date Completed: 5/27/2015
Comments:

Title: Soil heating pilot test report
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60000714&doc_id=60462898
Area Name: PROJECT WIDE
Area Link: https://www.envirostor.dtsc.ca.gov/public/
Sub Area:
Sub Area Link: https://www.envirostor.dtsc.ca.gov/public/

Document Type: Pilot/Treatability Study Report
Date Completed: 7/10/2020
Comments:

Title: 200415_1Q2020 Groundwater Monitoring & Remediation Progress Report
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60000714&doc_id=60491787
Area Name: PROJECT WIDE
Area Link: https://www.envirostor.dtsc.ca.gov/public/
Sub Area:
Sub Area Link: https://www.envirostor.dtsc.ca.gov/public/
Document Type: Monitoring Report
Date Completed: 4/15/2020
Comments: activity complete

Title: 190711_2Q2019 Newcrow II Groundwater Monitoring & Remediation Progress Report
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60000714&doc_id=60491784
Area Name: PROJECT WIDE
Area Link: https://www.envirostor.dtsc.ca.gov/public/
Sub Area:
Sub Area Link: https://www.envirostor.dtsc.ca.gov/public/
Document Type: Monitoring Plan
Date Completed: 7/11/2019
Comments: activity complete

Title: 161017 Newcrow II Groundwater Monitoring Report September 2016
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60000714&doc_id=60419950
Area Name: PROJECT WIDE
Area Link: https://www.envirostor.dtsc.ca.gov/public/
Sub Area:
Sub Area Link: https://www.envirostor.dtsc.ca.gov/public/
Document Type: Monitoring Report
Date Completed: 12/22/2017
Comments:

Title: 170717 Newcrow II Groundwater Monitoring Report June 2017
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60000714&doc_id=60491775
Area Name: PROJECT WIDE
Area Link: https://www.envirostor.dtsc.ca.gov/public/
Sub Area:
Sub Area Link: https://www.envirostor.dtsc.ca.gov/public/
Document Type: Monitoring Report
Date Completed: 7/17/2017
Comments: activity complete

Title: Human Health Risk Assessment Report
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60000714&doc_id=6027180
Area Name: PROJECT WIDE
Area Link: https://www.envirostor.dtsc.ca.gov/public/
Sub Area:
Sub Area Link: https://www.envirostor.dtsc.ca.gov/public/
Document Type: Risk Assessment Report
Date Completed: 2/27/2017
Comments:

Title: 150817 Newcrow II Monthly Summary Report July 2015
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60000714&doc_id=60399288
Area Name: PROJECT WIDE
Area Link: https://www.envirostor.dtsc.ca.gov/public/
Sub Area:
Sub Area Link: https://www.envirostor.dtsc.ca.gov/public/
Document Type: Other Report
Date Completed: 9/1/2015
Comments:

Title: May 2015 Monthly Summary Report
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60000714&doc_id=60371450
Area Name: PROJECT WIDE
Area Link: https://www.envirostor.dtsc.ca.gov/public/
Sub Area:

Sub Area Link: https://www.envirostor.dtsc.ca.gov/public/
Document Type: Other Report
Date Completed: 6/29/2015
Comments:

Title: 150515 Newcrow II Monthly Summary Report April 2015
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60000714&doc_id=60393031
Area Name: PROJECT WIDE
Area Link: https://www.envirostor.dtsc.ca.gov/public/
Sub Area:
Sub Area Link: https://www.envirostor.dtsc.ca.gov/public/
Document Type: Other Report
Date Completed: 5/27/2015
Comments:

Title: 1st Qtr 2015 Groundwater Monitoring Report
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60000714&doc_id=60371506
Area Name: OU2
Area Link: https://www.envirostor.dtsc.ca.gov/public/profile_report?global_id=60000714&ou_id=1971270&hideside=True&printerfriendly=True
Sub Area:
Sub Area Link: https://www.envirostor.dtsc.ca.gov/public/
Document Type: Monitoring Report
Date Completed: 4/30/2015
Comments:

Title: 141215 Newcrow II Monthly Summary Report November 2014
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60000714&doc_id=60387222
Area Name: PROJECT WIDE
Area Link: https://www.envirostor.dtsc.ca.gov/public/
Sub Area:
Sub Area Link: https://www.envirostor.dtsc.ca.gov/public/
Document Type: Other Report
Date Completed: 12/18/2014
Comments:

Title: Newcrow II - Phase II Onsite Investigation Technical Memorandum
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60000714&doc_id=60367646
Area Name: PROJECT WIDE
Area Link: https://www.envirostor.dtsc.ca.gov/public/
Sub Area:
Sub Area Link: https://www.envirostor.dtsc.ca.gov/public/
Document Type: Technical Report
Date Completed: 10/29/2014
Comments:

Title: Vapor Extraction System Startup
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60000714&doc_id=60362826
Area Name: PROJECT WIDE
Area Link: https://www.envirostor.dtsc.ca.gov/public/
Sub Area:
Sub Area Link: https://www.envirostor.dtsc.ca.gov/public/
Document Type: Remedy Constructed: Operating Properly & Successfully
Date Completed: 6/16/2014
Comments:

Title: 140515 Newcrow Monthly Summary Report April 2014
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60000714&doc_id=60361304
Area Name: PROJECT WIDE
Area Link: https://www.envirostor.dtsc.ca.gov/public/
Sub Area:
Sub Area Link: https://www.envirostor.dtsc.ca.gov/public/
Document Type: Other Report
Date Completed: 5/29/2014
Comments:

Title: 140415 Newcrow Groundwater Monitoring Report March 2014
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60000714&doc_id=60358717
Area Name: PROJECT WIDE

Area Link: https://www.envirostor.dtsc.ca.gov/public/
Sub Area:
Sub Area Link: https://www.envirostor.dtsc.ca.gov/public/
Document Type: Monitoring Report
Date Completed: 4/25/2014
Comments:

Title: 3rd Qtr 2014 Groundwater Monitoring Report
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60000714&doc_id=60371528
Area Name: OU2
Area Link: https://www.envirostor.dtsc.ca.gov/public/profile_report?global_id=60000714&ou_id=1971270&hideside=True&printerfriendly=True
Sub Area:
Sub Area Link: https://www.envirostor.dtsc.ca.gov/public/
Document Type: Monitoring Report
Date Completed: 10/17/2014
Comments:

Title: Fieldwork for investigation
Title Link: https://www.envirostor.dtsc.ca.gov/public/
Area Name: PROJECT WIDE
Area Link: https://www.envirostor.dtsc.ca.gov/public/
Sub Area:
Sub Area Link: https://www.envirostor.dtsc.ca.gov/public/
Document Type: Fieldwork
Date Completed: 11/21/2013
Comments: Investigation field work has begun

Title: Newcrow Groundwater Monitoring Report June 2013
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60000714&doc_id=60333422
Area Name: PROJECT WIDE
Area Link: https://www.envirostor.dtsc.ca.gov/public/
Sub Area:
Sub Area Link: https://www.envirostor.dtsc.ca.gov/public/
Document Type: Monitoring Report
Date Completed: 11/20/2013
Comments:

Title: 131015 Newcrow Groundwater Monitoring Report September 2013
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60000714&doc_id=60343453
Area Name: PROJECT WIDE
Area Link: https://www.envirostor.dtsc.ca.gov/public/
Sub Area:
Sub Area Link: https://www.envirostor.dtsc.ca.gov/public/
Document Type: Monitoring Report
Date Completed: 11/22/2013
Comments:

Title: 2013 1st Quarter Groundwater Monitoring Report
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60000714&doc_id=60320074
Area Name: PROJECT WIDE
Area Link: https://www.envirostor.dtsc.ca.gov/public/
Sub Area:
Sub Area Link: https://www.envirostor.dtsc.ca.gov/public/
Document Type: Monitoring Report
Date Completed: 11/20/2013
Comments:

Title: Newcrow Estimated Oversight Costs for 2013-2014
Title Link: https://www.envirostor.dtsc.ca.gov/public/
Area Name: PROJECT WIDE
Area Link: https://www.envirostor.dtsc.ca.gov/public/
Sub Area:
Sub Area Link: https://www.envirostor.dtsc.ca.gov/public/
Document Type: Annual Oversight Cost Estimate
Date Completed: 10/11/2013
Comments:

Title: 2013 May Monthly Progress Report

Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60000714&doc_id=60300703
Area Name: PROJECT WIDE
Area Link: https://www.envirostor.dtsc.ca.gov/public/
Sub Area:
Sub Area Link: https://www.envirostor.dtsc.ca.gov/public/
Document Type: Other Report
Date Completed: 7/16/2013
Comments:

Title: Monthly Summary Report
Title Link: https://www.envirostor.dtsc.ca.gov/public/
Area Name: PROJECT WIDE
Area Link: https://www.envirostor.dtsc.ca.gov/public/
Sub Area:
Sub Area Link: https://www.envirostor.dtsc.ca.gov/public/
Document Type: Other Report
Date Completed: 10/31/2012
Comments: Report is approved as submitted.

Title: Monthly Progress Report
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60000714&doc_id=60300693
Area Name: PROJECT WIDE
Area Link: https://www.envirostor.dtsc.ca.gov/public/
Sub Area:
Sub Area Link: https://www.envirostor.dtsc.ca.gov/public/
Document Type: Other Report
Date Completed: 8/15/2012
Comments: Approved without changes.

Title: Monthly Progress Report
Title Link: https://www.envirostor.dtsc.ca.gov/public/
Area Name: PROJECT WIDE
Area Link: https://www.envirostor.dtsc.ca.gov/public/
Sub Area:
Sub Area Link: https://www.envirostor.dtsc.ca.gov/public/
Document Type: Other Report
Date Completed: 6/8/2012
Comments: DTSC reviewed and approved the report with no changes.

Title: 2011 Second Quarter Groundwater Monitoring Report
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60000714&doc_id=60309429
Area Name: PROJECT WIDE
Area Link: https://www.envirostor.dtsc.ca.gov/public/
Sub Area:
Sub Area Link: https://www.envirostor.dtsc.ca.gov/public/
Document Type: Monitoring Report
Date Completed: 11/24/2011
Comments: Report accepted

Title: I/SE Unilateral Order for the Newcrow II Site
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60000714&enforcement_id=6011508
Area Name: PROJECT WIDE
Area Link: https://www.envirostor.dtsc.ca.gov/public/
Sub Area:
Sub Area Link: https://www.envirostor.dtsc.ca.gov/public/
Document Type: Unilateral Order (I/SE, RAO, CAO, EPA AO)
Date Completed: 3/11/2008
Comments: The Imminent and Substantial Endangerment Determination and Remedial Action Order was issued to AMB Property, Lockheed Martin, Chrysler, Newcrow II and Mr. Hayden C. Eaves III, on March 11, 2008.

Title: Approval of Changes to Monitoring and Reporting Requirements
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60000714&enforcement_id=60491793
Area Name: PROJECT WIDE
Area Link: https://www.envirostor.dtsc.ca.gov/public/
Sub Area:
Sub Area Link: https://www.envirostor.dtsc.ca.gov/public/
Document Type: Correspondence
Date Completed: 7/10/2020
Comments: activity complete

Title: 200115_Newcrow II_4Q2019 Groundwater Monitoring & Remediation Progress Report
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60000714&doc_id=60491786
Area Name: PROJECT WIDE
Area Link: https://www.envirostor.dtsc.ca.gov/public/
Sub Area:
Sub Area Link: https://www.envirostor.dtsc.ca.gov/public/
Document Type: Monitoring Report
Date Completed: 1/15/2020
Comments: activity complete

Title: Remedial Investigation Report
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60000714&doc_id=6027179
Area Name: PROJECT WIDE
Area Link: https://www.envirostor.dtsc.ca.gov/public/
Sub Area:
Sub Area Link: https://www.envirostor.dtsc.ca.gov/public/
Document Type: Remedial Investigation Report
Date Completed: 6/14/2018
Comments:

Title: March 2015 Monthly Summary Report
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60000714&doc_id=60371448
Area Name: PROJECT WIDE
Area Link: https://www.envirostor.dtsc.ca.gov/public/
Sub Area:
Sub Area Link: https://www.envirostor.dtsc.ca.gov/public/
Document Type: Other Report
Date Completed: 4/30/2015
Comments:

Title: Newcrow Estimated Oversight Costs for 2013-2014
Title Link: https://www.envirostor.dtsc.ca.gov/public/
Area Name: PROJECT WIDE
Area Link: https://www.envirostor.dtsc.ca.gov/public/
Sub Area:
Sub Area Link: https://www.envirostor.dtsc.ca.gov/public/
Document Type: Annual Oversight Cost Estimate
Date Completed: 10/11/2013
Comments: Cost estimate for Fiscal Year 2013-2014 sent to Proponent

Title: 2013 April Monthly Progress Report
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60000714&doc_id=60300702
Area Name: PROJECT WIDE
Area Link: https://www.envirostor.dtsc.ca.gov/public/
Sub Area:
Sub Area Link: https://www.envirostor.dtsc.ca.gov/public/
Document Type: Other Report
Date Completed: 5/15/2013
Comments:

Title: 2013 January Monthly Progress Report
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60000714&doc_id=60300699
Area Name: PROJECT WIDE
Area Link: https://www.envirostor.dtsc.ca.gov/public/
Sub Area:
Sub Area Link: https://www.envirostor.dtsc.ca.gov/public/
Document Type: Other Report
Date Completed: 2/15/2013
Comments:

Title: 2012 November Monthly Summary Report
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60000714&doc_id=60300697
Area Name: PROJECT WIDE
Area Link: https://www.envirostor.dtsc.ca.gov/public/
Sub Area:
Sub Area Link: https://www.envirostor.dtsc.ca.gov/public/
Document Type: Other Report
Date Completed: 12/18/2012

Comments:

Title: Monthly Progress Report
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60000714&doc_id=60300692
Area Name: PROJECT WIDE
Area Link: https://www.envirostor.dtsc.ca.gov/public/
Sub Area:
Sub Area Link: https://www.envirostor.dtsc.ca.gov/public/
Document Type: Other Report
Date Completed: 8/15/2012
Comments: DTSC has no comments. The report is approved.

Title: Monthly Progress Report
Title Link: https://www.envirostor.dtsc.ca.gov/public/
Area Name: PROJECT WIDE
Area Link: https://www.envirostor.dtsc.ca.gov/public/
Sub Area:
Sub Area Link: https://www.envirostor.dtsc.ca.gov/public/
Document Type: Other Report
Date Completed: 6/8/2012
Comments: Report was reviewed and approved.

Title: Annual DTSC Oversight Cost Estimate FY2015/2016
Title Link: https://www.envirostor.dtsc.ca.gov/public/
Area Name: PROJECT WIDE
Area Link: https://www.envirostor.dtsc.ca.gov/public/
Sub Area:
Sub Area Link: https://www.envirostor.dtsc.ca.gov/public/
Document Type: Annual Oversight Cost Estimate
Date Completed: 10/30/2015
Comments:

Title: Groundwater and Deep soil Characterization report
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60000714&doc_id=60371606
Area Name: OU2
Area Link: https://www.envirostor.dtsc.ca.gov/public/profile_report?global_id=60000714&ou_id=1971270&hideside=True&printerfriendly=True
Sub Area:
Sub Area Link: https://www.envirostor.dtsc.ca.gov/public/
Document Type: Site Characterization Report
Date Completed: 8/28/2015
Comments:

Title: June 2015 Monthly Summary Report
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60000714&doc_id=60371466
Area Name: PROJECT WIDE
Area Link: https://www.envirostor.dtsc.ca.gov/public/
Sub Area:
Sub Area Link: https://www.envirostor.dtsc.ca.gov/public/
Document Type: Other Report
Date Completed: 8/7/2015
Comments:

Title: 150115 Newcrow II Monthly Summary Report December 2014
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60000714&doc_id=60388342
Area Name: PROJECT WIDE
Area Link: https://www.envirostor.dtsc.ca.gov/public/
Sub Area:
Sub Area Link: https://www.envirostor.dtsc.ca.gov/public/
Document Type: Other Report
Date Completed: 1/28/2015
Comments:

Title: 140109 Final Sewer Investigation RTC Letter
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60000714&doc_id=60352341
Area Name: PROJECT WIDE
Area Link: https://www.envirostor.dtsc.ca.gov/public/
Sub Area:
Sub Area Link: https://www.envirostor.dtsc.ca.gov/public/

Document Type: Remedial Investigation Workplan
Date Completed: 5/28/2014
Comments:

Title: Remedial Investigation/Feasibility Study Workplan
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60000714&doc_id=6028492
Area Name: PROJECT WIDE
Area Link: https://www.envirostor.dtsc.ca.gov/public/
Sub Area:
Sub Area Link: https://www.envirostor.dtsc.ca.gov/public/
Document Type: Remedial Investigation Workplan
Date Completed: 12/30/2013
Comments:

Title: 2013 July Monthly Progress Report
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60000714&doc_id=60300705
Area Name: PROJECT WIDE
Area Link: https://www.envirostor.dtsc.ca.gov/public/
Sub Area:
Sub Area Link: https://www.envirostor.dtsc.ca.gov/public/
Document Type: Other Report
Date Completed: 11/21/2013
Comments:

Title: RI/FS Sampling and Analysis Plan final draft
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60000714&doc_id=60336557
Area Name: PROJECT WIDE
Area Link: https://www.envirostor.dtsc.ca.gov/public/
Sub Area:
Sub Area Link: https://www.envirostor.dtsc.ca.gov/public/
Document Type: Remedial Investigation Workplan
Date Completed: 9/20/2013
Comments:

Title: 2012 October Monthly Summary Report
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60000714&doc_id=60300696
Area Name: PROJECT WIDE
Area Link: https://www.envirostor.dtsc.ca.gov/public/
Sub Area:
Sub Area Link: https://www.envirostor.dtsc.ca.gov/public/
Document Type: Other Report
Date Completed: 12/14/2012
Comments:

Title: 2012 First Quarter Groundwater Monitoring Report
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60000714&doc_id=60298571
Area Name: PROJECT WIDE
Area Link: https://www.envirostor.dtsc.ca.gov/public/
Sub Area:
Sub Area Link: https://www.envirostor.dtsc.ca.gov/public/
Document Type: Monitoring Report
Date Completed: 8/28/2012
Comments: Report accepted

Title: 2011 1st Quarter Monitoring Report
Title Link: https://www.envirostor.dtsc.ca.gov/public/
Area Name: PROJECT WIDE
Area Link: https://www.envirostor.dtsc.ca.gov/public/
Sub Area:
Sub Area Link: https://www.envirostor.dtsc.ca.gov/public/
Document Type: Monitoring Report
Date Completed: 1/14/2012
Comments: Report accepted

Title: 170116 Newcrow II Groundwater Monitoring Report December 2016
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60000714&doc_id=60491768
Area Name: PROJECT WIDE
Area Link: https://www.envirostor.dtsc.ca.gov/public/
Sub Area:

Sub Area Link: https://www.envirostor.dtsc.ca.gov/public/
Document Type: Monitoring Report
Date Completed: 1/16/2017
Comments: Activity is complete

Title: 150922 Newcrow II Indoor Air Sampling Plan - DTSC Site 301321
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60000714&doc_id=60405105
Area Name: OU1
Area Link: https://www.envirostor.dtsc.ca.gov/public/profile_report?global_id=60000714&ou_id=1971265&hideside=True&printerfriendly=True
Sub Area:
Sub Area Link: https://www.envirostor.dtsc.ca.gov/public/
Document Type: Site Characterization Workplan
Date Completed: 10/5/2015
Comments:

Title: January 2015 Monthly Summary Report
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60000714&doc_id=60371446
Area Name: PROJECT WIDE
Area Link: https://www.envirostor.dtsc.ca.gov/public/
Sub Area:
Sub Area Link: https://www.envirostor.dtsc.ca.gov/public/
Document Type: Other Report
Date Completed: 3/10/2015
Comments:

Title: August 2014 Monthly Summary Report
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60000714&doc_id=60371389
Area Name: PROJECT WIDE
Area Link: https://www.envirostor.dtsc.ca.gov/public/
Sub Area:
Sub Area Link: https://www.envirostor.dtsc.ca.gov/public/
Document Type: Other Report
Date Completed: 9/26/2014
Comments:

Title: 140715 Newcrow Monthly Summary Report June 2014
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60000714&doc_id=60368608
Area Name: PROJECT WIDE
Area Link: https://www.envirostor.dtsc.ca.gov/public/
Sub Area:
Sub Area Link: https://www.envirostor.dtsc.ca.gov/public/
Document Type: Other Report
Date Completed: 8/20/2014
Comments:

Title: 140115 Newcrow Monthly Summary Report December 2013
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60000714&doc_id=60348226
Area Name: PROJECT WIDE
Area Link: https://www.envirostor.dtsc.ca.gov/public/
Sub Area:
Sub Area Link: https://www.envirostor.dtsc.ca.gov/public/
Document Type: Other Report
Date Completed: 2/5/2014
Comments:

Title: 2013 August Monthly Progress Report
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60000714&doc_id=60300706
Area Name: PROJECT WIDE
Area Link: https://www.envirostor.dtsc.ca.gov/public/
Sub Area:
Sub Area Link: https://www.envirostor.dtsc.ca.gov/public/
Document Type: Other Report
Date Completed: 11/22/2013
Comments:

Title: Remedial Investigation Feasibility Study Workplan Implementation
Title Link: https://www.envirostor.dtsc.ca.gov/public/
Area Name: PROJECT WIDE

Area Link: https://www.envirostor.dtsc.ca.gov/public/
Sub Area:
Sub Area Link: https://www.envirostor.dtsc.ca.gov/public/
Document Type: Fieldwork
Date Completed: 11/8/2013
Comments: Field work has begun

Title: Supplemental Southern Property Boundary Soil Vapor Sampling Workplan
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60000714&doc_id=60334134
Area Name: PROJECT WIDE
Area Link: https://www.envirostor.dtsc.ca.gov/public/
Sub Area:
Sub Area Link: https://www.envirostor.dtsc.ca.gov/public/
Document Type: Site Characterization Workplan
Date Completed: 9/27/2013
Comments:

Title: 2012 4th Quarter Groundwater Monitoring Report
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60000714&doc_id=60314630
Area Name: PROJECT WIDE
Area Link: https://www.envirostor.dtsc.ca.gov/public/
Sub Area:
Sub Area Link: https://www.envirostor.dtsc.ca.gov/public/
Document Type: Monitoring Report
Date Completed: 4/18/2013
Comments:

Title: 2011 Third Quarter Groundwater Monitoring Report
Title Link: https://www.envirostor.dtsc.ca.gov/public/
Area Name: PROJECT WIDE
Area Link: https://www.envirostor.dtsc.ca.gov/public/
Sub Area:
Sub Area Link: https://www.envirostor.dtsc.ca.gov/public/
Document Type: Monitoring Report
Date Completed: 1/27/2012
Comments: Report accepted

Title: 2010 3rd Quarter Monitoring Report
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60000714&doc_id=60261723
Area Name: PROJECT WIDE
Area Link: https://www.envirostor.dtsc.ca.gov/public/
Sub Area:
Sub Area Link: https://www.envirostor.dtsc.ca.gov/public/
Document Type: Monitoring Report
Date Completed: 9/13/2011
Comments: GWM Report is approved as submitted. Updates to the monitoring program will be completed after the results of further investigation.

Title: 2010 1st Quarter Groundwater Monitoring Report
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60000714&doc_id=60192541
Area Name: PROJECT WIDE
Area Link: https://www.envirostor.dtsc.ca.gov/public/
Sub Area:
Sub Area Link: https://www.envirostor.dtsc.ca.gov/public/
Document Type: Monitoring Report
Date Completed: 9/13/2011
Comments: GWM Report is approved as submitted. Updates to the monitoring program will be completed after the results of further investigation.

Title: Emergent Chemical Report
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60000714&doc_id=6019130
Area Name: PROJECT WIDE
Area Link: https://www.envirostor.dtsc.ca.gov/public/
Sub Area:
Sub Area Link: https://www.envirostor.dtsc.ca.gov/public/
Document Type: Site Characterization Report
Date Completed: 8/22/2008
Comments:

Title: 201015 Newcrow II Monthly Summary Report September 2020
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60000714&doc_id=60491789
Area Name: PROJECT WIDE
Area Link: https://www.envirostor.dtsc.ca.gov/public/
Sub Area:
Sub Area Link: https://www.envirostor.dtsc.ca.gov/public/
Document Type: Other Report
Date Completed: 10/15/2020
Comments: activity complete

Title: 190410_1Q2019 Newcrow II Groundwater Monitoring & Remediation Progress Report
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60000714&doc_id=60491783
Area Name: PROJECT WIDE
Area Link: https://www.envirostor.dtsc.ca.gov/public/
Sub Area:
Sub Area Link: https://www.envirostor.dtsc.ca.gov/public/
Document Type: Monitoring Plan
Date Completed: 4/10/2019
Comments: activity complete

Title: 171016 Newcrow II Groundwater Monitoring Report September 2017
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60000714&doc_id=60491776
Area Name: PROJECT WIDE
Area Link: https://www.envirostor.dtsc.ca.gov/public/
Sub Area:
Sub Area Link: https://www.envirostor.dtsc.ca.gov/public/
Document Type: Monitoring Report
Date Completed: 10/16/2017
Comments: activity complete

Title: 2010 4th Quarter Monitoring Report
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60000714&doc_id=60262864
Area Name: PROJECT WIDE
Area Link: https://www.envirostor.dtsc.ca.gov/public/
Sub Area:
Sub Area Link: https://www.envirostor.dtsc.ca.gov/public/
Document Type: Monitoring Report
Date Completed: 9/13/2011
Comments: GWM Report is approved as submitted. Updates to the monitoring program will be completed after the results of further investigation.

Title: 1st Quarter 2009 Monitoring Report
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60000714&doc_id=6023096
Area Name: PROJECT WIDE
Area Link: https://www.envirostor.dtsc.ca.gov/public/
Sub Area:
Sub Area Link: https://www.envirostor.dtsc.ca.gov/public/
Document Type: Monitoring Report
Date Completed: 5/29/2009
Comments:

Title: 140715 Newcrow Groundwater Monitoring Report June 2014
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60000714&doc_id=60368607
Area Name: PROJECT WIDE
Area Link: https://www.envirostor.dtsc.ca.gov/public/
Sub Area:
Sub Area Link: https://www.envirostor.dtsc.ca.gov/public/
Document Type: Monitoring Report
Date Completed: 8/20/2014
Comments:

Title: 140415 Newcrow Monthly Summary Report March 2014
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60000714&doc_id=60358667
Area Name: PROJECT WIDE
Area Link: https://www.envirostor.dtsc.ca.gov/public/
Sub Area:
Sub Area Link: https://www.envirostor.dtsc.ca.gov/public/
Document Type: Other Report
Date Completed: 4/25/2014

Comments:

Title: 140328 Offsite SV GW Hydropunch Tech Memo
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60000714&doc_id=60358046
Area Name: PROJECT WIDE
Area Link: https://www.envirostor.dtsc.ca.gov/public/
Sub Area:
Sub Area Link: https://www.envirostor.dtsc.ca.gov/public/
Document Type: Remedial Investigation Workplan
Date Completed: 4/23/2014
Comments:

Title: 131215 Newcrow Monthly Summary Report November 2013
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60000714&doc_id=60345966
Area Name: PROJECT WIDE
Area Link: https://www.envirostor.dtsc.ca.gov/public/
Sub Area:
Sub Area Link: https://www.envirostor.dtsc.ca.gov/public/
Document Type: Monitoring Report
Date Completed: 12/13/2013
Comments: DTSC accepts Summary Report without comment

Title: 2013 June Monthly Progress Report
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60000714&doc_id=60300704
Area Name: PROJECT WIDE
Area Link: https://www.envirostor.dtsc.ca.gov/public/
Sub Area:
Sub Area Link: https://www.envirostor.dtsc.ca.gov/public/
Document Type: Other Report
Date Completed: 11/21/2013
Comments: Approved as submitted. No comments.

Title: Remedial Investigation Work Notice
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60000714&doc_id=60323336
Area Name: PROJECT WIDE
Area Link: https://www.envirostor.dtsc.ca.gov/public/
Sub Area:
Sub Area Link: https://www.envirostor.dtsc.ca.gov/public/
Document Type: Work Notice
Date Completed: 9/23/2013
Comments:

Title: Monthly Progress Report
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60000714&doc_id=60300691
Area Name: PROJECT WIDE
Area Link: https://www.envirostor.dtsc.ca.gov/public/
Sub Area:
Sub Area Link: https://www.envirostor.dtsc.ca.gov/public/
Document Type: Other Report
Date Completed: 6/15/2012
Comments: Report approved as submitted.

Title: January 2012 Monthly Summary Report Number 3
Title Link: https://www.envirostor.dtsc.ca.gov/public/
Area Name: PROJECT WIDE
Area Link: https://www.envirostor.dtsc.ca.gov/public/
Sub Area:
Sub Area Link: https://www.envirostor.dtsc.ca.gov/public/
Document Type: Other Report
Date Completed: 6/8/2012
Comments: DTSC approved the report with no changes.

Title: 190115_4Q2018 Newcrow II Groundwater Monitoring Report
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60000714&doc_id=60491782
Area Name: PROJECT WIDE
Area Link: https://www.envirostor.dtsc.ca.gov/public/
Sub Area:
Sub Area Link: https://www.envirostor.dtsc.ca.gov/public/
Document Type: Monitoring Report

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Date Completed: 1/15/2019
Comments: activity complete

Title: Thermally Enhance Vapor Extraction Pilot Test Work Plan
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60000714&doc_id=60437313
Area Name: OU1
Area Link: https://www.envirostor.dtsc.ca.gov/public/profile_report?global_id=60000714&ou_id=1971265&hideside=True&printerfriendly=True
Sub Area:
Sub Area Link: https://www.envirostor.dtsc.ca.gov/public/
Document Type: Pilot Study/Treatability Workplan
Date Completed: 1/2/2018
Comments:

98	1 of 1	ENE	0.93 / 4,910.68	142.41 / 0	VALLEY PLATING WORKS, INC. 5900 E. SHEILA STREET COMMERCE CA 90040	ENVIROSTOR

Estor/EPA ID: 71003683
Site Code:
Nat Priority List: NO
APN: NONE SPECIFIED
Census Tract: 6037532303
Site Type: TIERED PERMIT
Address Description: 5900 E. SHEILA STREET
Office: CLEANUP CHATSWORTH
Special Program:
Funding:
Cleanup Status: REFER: OTHER AGENCY AS OF
Cleanup Oversight Agencies: NONE SPECIFIED
School District:
Past Use that Caused Contam: NONE SPECIFIED
Potential Media Affected: NONE SPECIFIED
Potential Contamin of Concern:

NONE SPECIFIED

Assembly District: 58
Senate District: 32
Permit Renewal Lead:
Public Partici Spclst:
Project Manager:
County: LOS ANGELES
Latitude: 33.996093
Longitude: -118.152732
Acres: NONE SPECIFIED
Supervisor:

Site History:

Status: REFER: OTHER AGENCY
Program Type: TIERED PERMIT
CalEnviroScreen Score: 96-100%
Summary Link: https://www.envirostor.dtsc.ca.gov/public/profile_report?global_id=71003683

Completed Activities

Title: Compliance
Title Link: https://www.envirostor.dtsc.ca.gov/public/
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Site Inspections/Visit (Non LUR)
Date Completed: 9/21/2000
Comments:

99	1 of 1	ENE	0.93 / 4,916.38	142.41 / 0	COMMERCE/REFUSE TO ENERGY 5900 SHEILA STREET COMMERCE CA 90040	ENVIROSTOR

Estor/EPA ID: 19250003
Site Code: 300037
Nat Priority List: NO
APN: 6334-025-011, 6334025011, 6334025012, 6334025911
Census Tract: 6037532303

Assembly District: 58
Senate District: 32
Permit Renewal Lead:
Public Partici Spclst:
Project Manager: NARINE AGHAKIANT

Site Type:	VOLUNTARY CLEANUP	***County:***	LOS ANGELES
Address Description:	5900 SHEILA STREET	***Latitude:***	33.996092672612
Office:	CLEANUP CHATSWORTH	***Longitude:***	-118.15273174789
Special Program:	VOLUNTARY CLEANUP PROGRAM	***Acres:***	5.7 ACRES
Funding:	SITE PROPONENT	***Supervisor:***	ALLAN PLAZA

Cleanup Status: ACTIVE AS OF 4/18/1996
Cleanup Oversight Agencies: DTSC - SITE CLEANUP PROGRAM - LEAD AGENCY
School District:
Past Use that Caused Contam: MANUFACTURING - OTHER
Potential Media Affected: OTHER GROUNDWATER AFFECTED (USES OTHER THAN DRINKING WATER), SOIL, SOIL VAPOR
Potential Contamin of Concern:

UNCATEGORIZED
VOLATILE ORGANICS (8260B VOCS)

Site History:

The site is presently owned by Valley Plating Works, Inc. and the Commerce Refuse to Energy Authority (CR/EA), a joint powers authority between the City of Commerce and the County Sanitation District of Los Angeles. Valley Plating Works, Inc. owns 5900 Sheila Street and CREA owns 5926 Sheila Street. At one time, both parcels were owned by Crown Zellerbach Corporation, predecessor of Fort James Operating Company. Fort James Operating Company is now owned by Georgia Pacific Corporation.

The site is comprised of light industrial facilities and the Commerce Refuse to Energy Authority facility (CREF). The Site formerly operated as a plastics manufacturing facility from 1948 to 1981. It was subsequently occupied by industrial operators with similar operations. The CREA portion of the site was previously used as a parking lot. Crown Zellerbach Corporation owned the 5900 Sheila Street portion of the site from approximately 1951 until 1981. That portion of the site was occupied by Noble Mountain Tree Farms starting on October 29, 1981; by the Artcraft Paper Company starting on May 6, 1982; by Finn Industries, who occupied the building from 1982 to January 1992, and most recently, by Valley Plating Works Inc., who has owned and occupied 5900 Sheila Street from 1994 to the present. The 5926 portion of the site was not developed until the construction of the CREA facility starting in 1984.

The site is presently owned by Valley Plating Works, Inc. and the Commerce Refuse to Energy Authority (CREA), a joint powers authority between the City of Commerce and the County Sanitation District of Los Angeles. Valley Plating Works, Inc. owns 5900 Sheila Street and CREA owns 5926 Sheila Street. At one time, both parcels were owned by Crown Zellerbach Corporation, predecessor to For James Operating Company. Fort James Operating Company is now owned by Georgia Pacific Corporation.

The site is comprised of light industrial facilities and the former CREA Facility. The site formerly operated as a plastics manufacturing facility from 1949 to 1981. It was subsequently occupied by industrial operators with similar operations. The CREA portion of the site was previously used as a parking lot. Crown Zellerbach Corporation owned the 5900 Sheila Street port of the site form approximately 1951 until 1981. That portion of the site was occupied by Noble Mountain Tree Farms starting on October 29, 1981; by the Artcraft Paper Company starting on May 6, 1982; by Finn Industries, who occupied the building form 1982 to January 1992, and most recently, by Valley Plating Works Inc., who has owned and occupied 5900 Sheila Street from 1994 to the present. The 5926 portion of the site was not developed until the construction of the CREA starting in 1984. Construction on the CREA began in 1985, and it operated from December 1986 until June 2018. While it was operating, the CREA converted approximately 360 tons of municipal waste into approximately ten mega-watts of electricity per day through an incineration process.

A Site Investigation was completed on February 2, 1999. Soil gas survey and soil sampling conducted at the Site indicated that alcohol, total petroleum hydrocarbon (TPH), volatile organic compounds (VOCs) and some metal compounds are present at certain locations within the property. These locations were associated with former underground tank locations, chemical storage areas, chemical processing areas, designated industrial sumps, pits, clarifiers, trench areas and sewer pipeline alignments.

Groundwater data indicates that groundwater beneath the site is currently impacted by trichloroethylene (TCE), tetrachloroethene (PCE), 1,1-dichloroethane (1,1-DCA), 1,1 dichloroethene (1,1-DCE). Some of these chemically affected areas, such as an area surrounding former monitoring well MW-2 (decommissioned in 1994) were mitigated to a degree by previous soil removal actions. These results also indicated that the perched ground water found in a limited area in the upper 50 feet near piezometer P-2 has been found to contain VOCs at concentrations greater than drinking water standards. Regional ground water is at approximately 104 feet below ground surface. Those VOCs are benzene, carbon tetrachloride, ethylbenzene, xylene, TCE, PCE, 1,1-DCA and cis-1,2,-dichloroethylene.

TCE concentrations in samples collected from wells MW-1 and MW-3 through MW-8 have fluctuated since the wells has begun (2003/2007). Overall, there has been a noticeable decline in concentrations of TCE in wells MW-1, MW-6, and MW-7. The presence of both increasing and decreasing VOC concentration trends observed on these wells suggests that an up-gradient off-site source(s) and an on-site source contribute to the VOCs concentration trends observed for wells MW-5 and MW-8. This assessment is supported by the presence of a changing spectrum of detected VOCs along the up-gradient boundary of the site (wells MW-3, MW-4, and MW-7). For example, Freon-12 has been detected in up-gradient wells MW-3 and MW-4 and in wells MW-1, MW-5, and MW-8, which are located cross-gradient to downgradient of wells MW-3 and MW-4. However, carbon tetrachloride has historically been detected only in the downgradient wells MW-5 and MW-8.

In up-gradient wells MW-3, MW-4, and MW-7, PCE concentrations are stable at non-detect (<5.0 µg/L) concentrations. In cross-gradient to downgradient well MW-5, between June 2011 and May 2017, PCE concentrations has declined slightly and was detected below the laboratory reporting limit since December 2015 sampling event. Well MW-1 has reported low PCE concentrations or non-detect (<5.0 µg/L) results since December 2012. According to the most recent groundwater monitoring results (May 2017), out of a total of nine wells that are sampled during this semi-annual groundwater monitoring event, three wells (MW-3, MW-5, MW-9A) at the southwest portion of the site reported presence of 1,1-DCA. However, 1,1-DCA does not appear to be from any potential onsite source(s).

In June 2016, step and constant-rate hydraulic tests were conducted at well MW-9A to support the evaluation of a conceptual hydrogeological model for a portion of the site and evaluation of remediation options for groundwater impacted with VOCs related to the historic operations at the site. The effect of pumping on groundwater levels in surrounding area was recorded in observation wells MW-9B, MW-8, and MW-5 during pumping. The step-rate test was conducted at well MW-9A at pumping rate steps of approximately 5.2, 10.2, 15.0, and 13.1 gallons per minute (gpm). The constant-rate testing was conducted at MW-9A for 28 hours with sustained pumping rate at approximately 7.5 gpm.

Based on the hydraulic testing data, the transmissivity was estimated to range from 493 to 2,491 ft2/day based on drawdown and recovery data collected during the pumping test. The saturated thickness of the aquifer was assumed to be 44.5 feet, resulting in bulk hydraulic conductivity values ranging from 11.1 to 56.0 ft/day. Storage coefficient values ranged from 0.066 to 0.17 indicating specific yield and storage coefficients of an unconfined aquifer.

On June 9, 2017, DTSC approved an in-situ chemical oxidation (ISCO) pilot test work plan that will be conducted at the Site. This ISCO pilot study will consist of one injection well (IW-1) and one down-gradient groundwater extraction well (EW-1) pair to create a dynamic groundwater treatment zone by pumping groundwater from the extraction well, adding oxidant (sodium permanganate - NaMnO4) into the extracted groundwater and then re-injecting the amended ground water to the impacted aquifer via the injection well.

Injection of a chemical oxidant (sodium permanganate) into the subsurface is expected to reduce the VOC concentrations to an acceptable level and reduce the mobility of the VOCs through groundwater movement from the Site and its immediate surroundings to the south. Extraction of groundwater from a down-gradient location will capture VOCs in ground water by controlling and containing the movement of VOCs and the injected oxidant, and recirculation of treated ground water and oxidant replenishment will enhance the transport rate and direction of the injected oxidant. Existing monitoring wells within and down-gradient of the pilot test area will be used for performance monitoring during the pilot test.

Next Activity:

- Awaiting the approval of the Sheila Street Site WDR application with LARWQCB.

Status: ACTIVE
Program Type: VOLUNTARY CLEANUP
CalEnviroScreen Score: 96-100%
Summary Link: https://www.envirostor.dtsc.ca.gov/public/profile_report?global_id=19250003

Future Activities

Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Removal Action Workplan
Due Date: 2023

Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Land Use Restriction
Due Date: 2024

Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Certification
Due Date: 2024

Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Remedial Action Completion Report
Due Date: 2023

Completed Activities

Title: Comments on the Soil Assessment Data Review and Modeling Workplan & 2nd Semiannual Groundwater Monitoring Reports 2010 and 2011
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19250003&enforcement_id=60395047
Area Name:

Area Link:
Sub Area:
Sub Area Link:
Document Type: Correspondence
Date Completed: 1/29/2013
Comments: Comment Letter issued on 1/29/2013

Title: First Semiannual 2010 Groundwater Monitoring Report
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19250003&doc_id=60394959
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Monitoring Report
Date Completed: 9/15/2010
Comments:

Title: Annual DTSC Oversight Cost Estimate FY2009/2010
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19250003&enforcement_id=60395049
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Annual Oversight Cost Estimate
Date Completed: 10/23/2009
Comments:

Title: Current Condition Report
Title Link: https://www.envirostor.dtsc.ca.gov/public/
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Site Characterization Report
Date Completed: 2/17/2021
Comments:

Title: Tribal Cultural Resource Request for Outreach
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19250003&doc_id=60430616
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Work Notice
Date Completed: 11/13/2017
Comments: Tribal consultation occurred on October 25, 2017

Title: 1st Semi-Annual 2013 Groundwater Monitoring Report
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19250003&doc_id=60332970
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Monitoring Report
Date Completed: 1/27/2014
Comments: Letter sent with comments.

Title: Soil Assessment Data Review and Modeling Work Plan
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19250003&doc_id=60421553
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Technical Workplan
Date Completed: 10/20/2009
Comments:

Title: Additional Well Installation and Groundwater Monitoring Report
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19250003&doc_id=60421555

Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Monitoring Report
Date Completed: 6/28/2007
Comments:

Title: Review of Vertical Characterization
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19250003&enforcement_id=60395060
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Correspondence
Date Completed: 5/4/2006
Comments:

Title: Summary of Soil Gas and Soil Matrix Sampling and Results of Perched Water Zone Evaluation
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19250003&doc_id=60421543
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Site Characterization Report
Date Completed: 7/24/1997
Comments:

Title: 2nd Semi-Annual 2014 Groundwater Monitoring Report
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19250003&doc_id=60332964
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Monitoring Report
Date Completed: 10/22/2015
Comments:

Title: 2010 2nd Semiannual Groundwater Report
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19250003&doc_id=60268782
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Monitoring Report
Date Completed: 1/29/2013
Comments: DTSC review with no letter/approval to RP.

Title: 1st Semiannual 2011 Groundwater Monitoring Report
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19250003&doc_id=60395044
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Monitoring Report
Date Completed: 7/15/2011
Comments:

Title: Demobilization of Soil Vapor Extraction System
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19250003&enforcement_id=60394956
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Site Inspections/Visit (Non LUR)
Date Completed: 12/27/2008
Comments:

Title: DTSC Letter Comments - Soil Vapor Extraction Pilot Test Report

Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19250003&enforcement_id=60395051
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Correspondence
Date Completed: 6/4/2008
Comments:

Title: Comments on the Draft Human Health Risk Assessment
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19250003&enforcement_id=60395055
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Correspondence
Date Completed: 9/17/2007
Comments:

Title: Risk Assessment Workplan
Title Link: https://www.envirostor.dtsc.ca.gov/public/
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Risk Assessment Workplan
Date Completed: 9/11/2006
Comments: Revised workplan states that the risk assessment report will incorporate DTSC's remaining concerns except for groundwater.

Title: Groundwater Montitoring Workplan
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19250003&doc_id=6010201
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Monitoring Plan
Date Completed: 2/11/2004
Comments: Groundwater monitoring workplan is approved.

Title: Supplemental Investigation
Title Link: https://www.envirostor.dtsc.ca.gov/public/
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Supplemental Site Investigation Report
Date Completed: 2/2/1999
Comments:

Title: Site Screening
Title Link: https://www.envirostor.dtsc.ca.gov/public/
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Site Screening
Date Completed: 2/19/1988
Comments: SITE SCREENING DONE PAL RECOMMENDED BASED ON LACK OF INFO.

Title: 2nd Semi-Annual 2017 Groundwater Monitoring Report
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19250003&doc_id=60413416
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Monitoring Report
Date Completed: 1/17/2018
Comments: Second Semi-Annual Groundwater Monitoring Report

Title: Amendment to In Situ Chemical Oxidation Pilot Test Work Plan - Replacement of Existing Monitoring Wells and Well Construction Modification
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19250003&doc_id=60437223
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Pilot Study/Treatability Workplan
Date Completed: 10/25/2017
Comments: Letter review issued on October 25,2017. Revised work plan was approved.

Title: Annual DTSC Oversight Costs Estimate FY 2016/2017
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19250003&enforcement_id=60418220
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Annual Oversight Cost Estimate
Date Completed: 9/29/2016
Comments:

Title: 1st Semi-Annual 2016 Groundwater Monitoring Report
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19250003&doc_id=60332967
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Monitoring Report
Date Completed: 9/27/2016
Comments:

Title: Monitoring Well Cluster Installation
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19250003&doc_id=60407797
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Fieldwork
Date Completed: 4/18/2016
Comments: Site visit was conducted on April 18, 2016

Title: 1st Semi-Annual 2012 Groundwater Monitoring Report
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19250003&doc_id=60328560
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Monitoring Report
Date Completed: 6/6/2013
Comments: Comments are made on the 1st Semiannual 2013 Report

Title: DTSC Comments - Well Installation, Groundwater Monitoring, and Soil Vapor Extraction Pilot Test Report
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19250003&enforcement_id=60395052
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Correspondence
Date Completed: 4/18/2008
Comments:

Title: Groundwater Baseline Sampling for SVE Operations
Title Link: https://www.envirostor.dtsc.ca.gov/public/
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Fieldwork

Date Completed: 12/5/2007
Comments: Sampling completed.

Title: Installation & Sampling Two Monitoring Wells
Title Link: https://www.envirostor.dtsc.ca.gov/public/
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Fieldwork
Date Completed: 1/23/2007
Comments: Sampling of the 2 new monitoring wells done.

Title: 1st - 3rd Quarter 2004 Groundwater Monitoring Report
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19250003&doc_id=6014255
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Monitoring Report
Date Completed: 5/9/2005
Comments: Includes all 3 quarterly sampling activities.

Title: Scoping Document - A Summary of Environmental Investigations at 5900 and 5926 Sheila Street, Commerce, California
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19250003&doc_id=60421540
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Technical Report
Date Completed: 3/20/1996
Comments:

Title: Discovery
Title Link: https://www.envirostor.dtsc.ca.gov/public/
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: * Discovery
Date Completed: 12/18/1981
Comments: FACILITY IDENTIFIED L.A. CHMBR OF COMMRCE DIRCTRY-1958.

Title: 2nd Semi-Annual 2019 Groundwater Monitoring Report
Title Link: https://www.envirostor.dtsc.ca.gov/public/
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Monitoring Report
Date Completed: 1/19/2021
Comments:

Title: 1st Semi-Annual 2018 Groundwater Monitoring Report
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19250003&doc_id=60435339
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Monitoring Report
Date Completed: 8/20/2018
Comments:

Title: Supplemental Site Characterization Workplan
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19250003&doc_id=60332945
Area Name:
Area Link:
Sub Area:

Sub Area Link:
Document Type: Site Characterization Workplan
Date Completed: 10/20/2015
Comments: Partial approval - Groundwater MWs and Pump Test, Not SVE

Title: Annual DTSC Oversight Cost Estimate FY2015_2016
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19250003&enforcement_id=60400328
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Annual Oversight Cost Estimate
Date Completed: 9/10/2015
Comments: Cost Estimate Completed

Title: 2nd Semi-Annual 2012 Groundwater Monitoring Report
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19250003&doc_id=60328562
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Monitoring Report
Date Completed: 6/6/2013
Comments: Comments are made on the 1st Semiannual 2013 Report

Title: Annual DTSC Oversight Cost Estimate FY2011/2012
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19250003&enforcement_id=60395048
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Annual Oversight Cost Estimate
Date Completed: 10/21/2011
Comments:

Title: SVE PT and Conduct Sampling - Phase 1
Title Link: https://www.envirostor.dtsc.ca.gov/public/
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Fieldwork
Date Completed: 2/6/2008
Comments: Initial sampling is complete, need to discuss results with RP to detemine further requirements.

Title: Workplan for Installing Additional Groundwater Monitoring Well
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19250003&doc_id=60395058
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Technical Workplan
Date Completed: 9/6/2006
Comments: Approval Letter is not available in the Repository File Room

Title: Supplemental Investigation
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19250003&doc_id=6010200
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Supplemental Site Investigation Report
Date Completed: 2/20/2004
Comments: The investigation was approved and further action required.

Title: Soil Remediation Feasibility Study for the MW-2 Area; 5900 - 5926 Sheila Street, Commerce, California
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19250003&doc_id=60421545
Area Name:
Area Link:

Sub Area:
Sub Area Link:
Document Type: Feasibility Study Report
Date Completed: 5/1/1994
Comments:

Title: Supplemental Remedial Investigation
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19250003&doc_id=60421498
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Remedial Investigation Report
Date Completed: 1/1/1994
Comments:

Title: First Semiannual 2020 Groundwater Monitoring Report
Title Link: https://www.envirostor.dtsc.ca.gov/public/
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Monitoring Report
Date Completed: 9/2/2020
Comments:

Title: Annual DTSC Oversight Cost Estimate FY2014/2015
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19250003&enforcement_id=60380925
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Annual Oversight Cost Estimate
Date Completed: 9/24/2014
Comments:

Title: Regarding the Interpretation of Action Item for the 5900 and 5926 Sheila Street Properties (Site) in Commerce, California
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19250003&enforcement_id=60395046
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Correspondence
Date Completed: 6/12/2014
Comments:

Title: 2nd Semi-Annual 2013 Groundwater Monitoring Report
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19250003&doc_id=60332962
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Monitoring Report
Date Completed: 4/9/2014
Comments: No comments required.

Title: 2009 Annual Groundwater Report
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19250003&doc_id=60189541
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Monitoring Report
Date Completed: 6/3/2011
Comments:

Title: Risk Assessment
Title Link: https://www.envirostor.dtsc.ca.gov/public/

Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Risk Assessment Report
Date Completed: 9/17/2007
Comments:

Title: Supplemental Groundwater Monitoring Well Workplan
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19250003&doc_id=6013401
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Monitoring Plan
Date Completed: 10/17/2006
Comments: Workplan for the installation of upgradient and downgradient groundwater monitoring wells.

Title: 1st Semi-Annual 2017 Groundwater Monitoring Report
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19250003&doc_id=60413414
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Monitoring Report
Date Completed: 8/25/2017
Comments:

Title: Annual DTSC Oversight Cost Estimate FY 2017/2018
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19250003&enforcement_id=60431477
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Annual Oversight Cost Estimate
Date Completed: 8/18/2017
Comments:

Title: In-Situ Chemical Oxidation Pilot Study/Treatability Workplan
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19250003&doc_id=60332948
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Pilot Study/Treatability Workplan
Date Completed: 6/9/2017
Comments:

Title: 2nd Semi-Annual 2016 Groundwater Monitoring Report
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19250003&doc_id=60332968
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Monitoring Report
Date Completed: 3/9/2017
Comments:

Title: 1st Semi-Annual 2014 Groundwater Monitoring Report
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19250003&doc_id=60332963
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Monitoring Report
Date Completed: 8/1/2014
Comments:

Title: Annual DTSC Oversight Cost Estimate FY2013/2014

Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19250003&enforcement_id=60339597
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Annual Oversight Cost Estimate
Date Completed: 10/10/2013
Comments:

Title: 2011 2nd Semi-Annual Groundwater Monitoring Report
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19250003&doc_id=60290760
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Monitoring Report
Date Completed: 1/29/2013
Comments: More data needed.

Title: Install SVE Pilot Test
Title Link: https://www.envirostor.dtsc.ca.gov/public/
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Fieldwork
Date Completed: 10/25/2007
Comments: Installation of first SVE system completed.

Title: DTSC Memorandum Identification of Data Gaps
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19250003&enforcement_id=60395064
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Correspondence
Date Completed: 11/8/2001
Comments:

Title: VCA
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19250003&enforcement_id=5012694
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Standard Voluntary Agreement
Date Completed: 8/31/2001
Comments: VCA signed to do a Health Based Risk Assessment and a Removal Action Workplan.

Title: ADDITIONAL WELLS INSTALLATION AND HYDRAULIC TESTING REPORT
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19250003&doc_id=60373926
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Treatability Study Report
Date Completed: 1/5/2017
Comments:

Title: 2nd Semi-Annual 2015 Groundwater Monitoring Report
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19250003&doc_id=60332966
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Monitoring Report
Date Completed: 4/12/2016
Comments:

Title: 1st Semi-Annual 2015 Groundwater Monitoring Report
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19250003&doc_id=60332965
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Monitoring Report
Date Completed: 2/22/2016
Comments:

Title: 2008 Annual Groundwater Report
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19250003&doc_id=6023921
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Monitoring Report
Date Completed: 7/31/2009
Comments: Comments sent.

Title: SVE Pilot Study Report - Phase 1
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19250003&doc_id=6017683
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Pilot/Treatability Study Report
Date Completed: 7/31/2009
Comments: Comments sent to RP

Title: Well Installation Groundwater Monitoring and Soil Vapor Extraction Pilot Test Report
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19250003&doc_id=60421549
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Pilot/Treatability Study Report
Date Completed: 6/4/2008
Comments:

Title: Soil Vapor Extraction Pilot Test Workplan
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19250003&doc_id=6016545
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Pilot Study/Treatability Workplan
Date Completed: 10/18/2007
Comments: SVE Pilot Test Workplan is approved with some comments.

Title: Workplan for Additional Sampling
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19250003&doc_id=60395061
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Technical Workplan
Date Completed: 11/27/2002
Comments: DTSC issued a memorandum on November 13,2002 providing a preliminary review of the revised workplan for additional sampling

Title: DTSC Memorandum - Scoping Document and Summary of Soil Gas and Soil Matrix Sampling and Results of Perched Water Evaluation
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19250003&enforcement_id=60395063
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Correspondence

Date Completed: 11/15/2001
Comments:

Title: VCA
Title Link: https://www.envirostor.dtsc.ca.gov/public/
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Amendment - Order/Agreement
Date Completed: 5/16/1995
Comments: DTSC ENTERED INTO A VOLUNTARY CLEANUP AGREEMENT WITH THE CITY OF COMMERCE TO CONDUCT A RI/FS FOR THE COMMERCE REFUSE-TO-ENERGY SITE.

Title: VCA
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19250003&enforcement_id=5012697
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Standard Voluntary Agreement
Date Completed: 7/7/1994
Comments: DTSC ENTERED INTO AGREEMENT WITH CITY OF COMMERCE, JAMES RIVER PAPER COMPANY, INC., AND COMMERCE REFUSE TO ENERGY AUTHORITY FOR REVIEW OF RI/FS.

Title: Site Screening
Title Link: https://www.envirostor.dtsc.ca.gov/public/
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Site Screening
Date Completed: 5/24/1994
Comments: VOLUNTARY AGREEMENT FOR THE EVALUATION OF THE SITE'S RI/FS IS CURRENTLY BEING NEGOTIATED.

100	1 of 1	ESE	0.95 / 5,013.12	140.41 / -2	**TEPCO, INC** **6274 EAST PEACHTREE STREET** **COMMERCE CA 90040**	ENVIROSTOR

Estor/EPA ID: 19150001
Site Code:
Nat Priority List: NO
APN: NONE SPECIFIED
Census Tract: 6037532304
Site Type: * HISTORICAL
Address Description: 6274 EAST PEACHTREE STREET
Office: CLEANUP CHATSWORTH
Special Program: * RCRA 3012 - PAST HAZ WASTE DISP INVEN SITE
Funding:
Assembly District:
Senate District:
Permit Renewal Lead:
Public Partici Spclst:
Project Manager:
County: LOS ANGELES
Latitude: 33.9825378
Longitude: -118.1506395
Acres: NONE SPECIFIED
Supervisor:
Cleanup Status: REFER: OTHER AGENCY AS OF 8/21/1995
Cleanup Oversight Agencies: NONE SPECIFIED
School District:
Past Use that Caused Contam: NONE SPECIFIED
Potential Media Affected: NONE SPECIFIED
Potential Contamin of Concern:

SLUDGE - DEGREASING
TANK BOTTOM WASTES
UNSPECIFIED AQUEOUS SOLUTION
UNSPECIFIED SLUDGE WASTE

Site History:

Status: REFER: OTHER AGENCY
Program Type: HISTORICAL
CalEnviroScreen Score: 96-100%

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Summary Link: https://www.envirostor.dtsc.ca.gov/public/profile_report?global_id=19150001

Completed Activities

Title: Site Screening
Title Link: https://www.envirostor.dtsc.ca.gov/public/
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Site Screening
Date Completed: 10/27/1994
Comments: DATABASE VERIFICATION PROJECT CONFIRMS NFA FOR DTSC.

Title: Preliminary Assessment Report
Title Link: https://www.envirostor.dtsc.ca.gov/public/
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Preliminary Assessment Report
Date Completed: 3/23/1984
Comments: PERMIT(OTHER) PERMIT: CO DISCH PERMIT #103168 SOURCE ACT: CLEANING ALUMINUM AIR FILTRS SUPER JET CLEAN YR OF OPER: 1976 TO PRESENT WASTES ARE HAULED AWAY PERIODICALLY BY J.C. INC. 175GAL/D-WASTE WATER. FINAL STRATEGY RECOM-REFER TO DHS FOR PERMITTING SUBMIT TO EPA PRELIM ASSESS DONE RCRA 3012

Title: Discovery
Title Link: https://www.envirostor.dtsc.ca.gov/public/
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: * Discovery
Date Completed: 6/9/1981
Comments: FACILITY IDENTIFIED SUPERFUND LIST #473

Title: Discovery
Title Link: https://www.envirostor.dtsc.ca.gov/public/
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: * Discovery
Date Completed: 9/29/1983
Comments: FACILITY IDENTIFIED ID FROM ERRIS

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101 ***1 of 2*** ***WNW*** ***0.96 / 5,042.77*** ***157.41 / 15*** ***MAYWOOD NEW ELEMENTARY SCHOOL NO. 5 ATLANTIC BOULEVARD/52ND STREET MAYWOOD CA 90270-2425*** ***SCH***

Estor/EPA ID: 19880027
Site Code: 304289
Nat Priority List: NO
Acres: 3 ACRES
Special Program:
Funding: SCHOOL DISTRICT
Assembly District: 53
Senate District: 33
Permit Renewal Lead:
Project Manager:
Supervisor: JAVIER HINOJOSA
Public Partici Spclst:
Census Tract: 6037532304
County: LOS ANGELES
Latitude: 33.993291
Longitude: -118.183094
School District: LOS ANGELES UNIFIED SCHOOL DISTRICT
APN: NONE SPECIFIED
Cleanup Status: NO FURTHER ACTION AS OF 2/27/2004
Cleanup Oversight Agencies: DTSC - SITE CLEANUP PROGRAM - LEAD AGENCY
Site Type: SCHOOL
Office: SOUTHERN CALIFORNIA SCHOOLS & BROWNFIELDS OUTREACH

Past Use that Caused Contam: RESIDENTIAL AREA
Potential Media Affected: INDOOR AIR, SOIL, SOIL VAPOR
Potential Contamin of Concern:

BENZ[A]ANTHRACENE
BENZO[A]PYRENE
BENZO[K]FLUORANTHENE

SITE HISTORY:

Residentially and commercially developed before 1938 to the present. The western portion of the site, along Cudahy Avenue, has remained residentially developed. The eastern portion of the site, along Atlantic Boulevard, has been mixed commercially and residentially developed, with two service stations, a machine shop, a model maker, a restaurant and a comforter manufacturer. The central area of the sites was a wood finishing facility, including a spray booth and an auto repair facility. Four pole mounted transformers on site.

Status: NO FURTHER ACTION
Program Type: SCHOOL INVESTIGATION
CalEnviroScreen Score: 96-100%
Summary Link: https://www.envirostor.dtsc.ca.gov/public/profile_report?global_id=19880027

Completed Activities

Title: Supplemental Site Investigation
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19880027&doc_id=6002448
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Supplemental Site Investigation Report
Date Completed: 6/14/2002
Comments:

Title: Preliminary Endangerment Assessment Report
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19880027&doc_id=6002447
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Preliminary Endangerment Assessment Report
Date Completed: 2/14/2002
Comments:

Title: Initial Study/Mitigated Negative Declaration Draft
Title Link: https://www.envirostor.dtsc.ca.gov/public/
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Other Report
Date Completed: 12/27/2001
Comments: Other Report/Draft

Title: LAUSD Master Agreement
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19880027&enforcement_id=6007842
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Environmental Oversight Agreement
Date Completed: 2/10/2000
Comments:

Title: Technical Appendices Draft Initial Study/Mitigated Negative Declaration
Title Link: https://www.envirostor.dtsc.ca.gov/public/
Area Name:
Area Link:
Sub Area:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Sub Area Link:
Document Type: Other Report
Date Completed: 12/27/2001
Comments: Technical Appendices Draft Only

Title: Supplemental Site Investigation
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19880027&doc_id=6002449
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Supplemental Site Investigation Report
Date Completed: 11/3/2003
Comments:

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101 | ***2 of 2*** | ***WNW*** | ***0.96 / 5,042.77*** | ***157.41 / 15*** | ***MAYWOOD NEW ELEMENTARY SCHOOL NO. 5 ATLANTIC BOULEVARD/52ND STREET MAYWOOD CA 90270-2425*** | ***ENVIROSTOR***

Estor/EPA ID: 19880027
Site Code: 304289
Nat Priority List: NO
APN: NONE SPECIFIED
Census Tract: 6037532304
Site Type: SCHOOL
Address Description: ATLANTIC BOULEVARD/52ND STREET
Office: SOUTHERN CALIFORNIA SCHOOLS & BROWNFIELDS OUTREACH
Special Program:
Funding: SCHOOL DISTRICT
Assembly District: 53
Senate District: 33
Permit Renewal Lead:
Public Partici Spclst:
Project Manager:
County: LOS ANGELES
Latitude: 33.993291
Longitude: -118.183094
Acres: 3 ACRES
Supervisor: JAVIER HINOJOSA
Cleanup Status: NO FURTHER ACTION AS OF 2/27/2004
Cleanup Oversight Agencies: DTSC - SITE CLEANUP PROGRAM - LEAD AGENCY
School District: LOS ANGELES UNIFIED SCHOOL DISTRICT
Past Use that Caused Contam: RESIDENTIAL AREA
Potential Media Affected: INDOOR AIR, SOIL, SOIL VAPOR
Potential Contamin of Concern:

BENZ[A]ANTHRACENE
BENZO[A]PYRENE
BENZO[K]FLUORANTHENE

Site History:

Residentially and commercially developed before 1938 to the present. The western portion of the site, along Cudahy Avenue, has remained residentially developed. The eastern portion of the site, along Atlantic Boulevard, has been mixed commercially and residentially developed, with two service stations, a machine shop, a model maker, a restaurant and a comforter manufacturer. The central area of the sites was a wood finishing facility, including a spray booth and an auto repair facility. Four pole mounted transformers on site.

Status: NO FURTHER ACTION
Program Type: SCHOOL INVESTIGATION
CalEnviroScreen Score: 96-100%
Summary Link: https://www.envirostor.dtsc.ca.gov/public/profile_report?global_id=19880027

Completed Activities

Title: Preliminary Endangerment Assessment Report
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19880027&doc_id=6002447
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Preliminary Endangerment Assessment Report
Date Completed: 2/14/2002
Comments:

Title: Initial Study/Mitigated Negative Declaration Draft
Title Link: https://www.envirostor.dtsc.ca.gov/public/
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Other Report
Date Completed: 12/27/2001
Comments: Other Report/Draft

Title: Supplemental Site Investigation
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19880027&doc_id=6002449
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Supplemental Site Investigation Report
Date Completed: 11/3/2003
Comments:

Title: Supplemental Site Investigation
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19880027&doc_id=6002448
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Supplemental Site Investigation Report
Date Completed: 6/14/2002
Comments:

Title: LAUSD Master Agreement
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19880027&enforcement_id=6007842
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Environmental Oversight Agreement
Date Completed: 2/10/2000
Comments:

Title: Technical Appendices Draft Initial Study/Mitigated Negative Declaration
Title Link: https://www.envirostor.dtsc.ca.gov/public/
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Other Report
Date Completed: 12/27/2001
Comments: Technical Appendices Draft Only

102	*1 of 2*	*ENE*	*0.98 / 5,159.96*	*141.41 / -1*	***BOYLE MIDWAY HOUSEHOLD PRODUCTS - NORTH*** ***NORTH PORTION OF EAST SHEILA STREET*** ***COMMERCE CA 90040***	***ENVIROSTOR***

Estor/EPA ID:	19280491	***Assembly District:***	58
Site Code:		***Senate District:***	32
Nat Priority List:	NO	***Permit Renewal Lead:***	
APN:	NONE SPECIFIED	***Public Partici Spclst:***	
Census Tract:	6037532303	***Project Manager:***	
Site Type:	VOLUNTARY CLEANUP	***County:***	LOS ANGELES
Address Description:	NORTH PORTION OF EAST SHEILA STREET	***Latitude:***	33.9952361503469
Office:	CLEANUP CHATSWORTH	***Longitude:***	-118.150984875349
Special Program:	VOLUNTARY CLEANUP PROGRAM	***Acres:***	7.12 ACRES
Funding:	SITE PROPONENT	***Supervisor:***	ALLAN PLAZA
Cleanup Status:	NO FURTHER ACTION AS OF 3/14/1996		

Cleanup Oversight Agencies: NONE SPECIFIED
School District:
Past Use that Caused Contam: MANUFACTURING - CHEMICALS, MANUFACTURING - OTHER
Potential Media Affected: SOIL
Potential Contamin of Concern:

CHLORDANE
TPH-GAS

Site History:

The site , which is located at 6000 East Sheila Street in the City of Commerce, has been divided into two parcels. The 2.68-acre southern parcel presently is vacant and undeveloped and is subject to separate investigation and remediation. The 7.12-acre northern parcel (this site) is occupied by an approximately 180,000 square foot structure, currently is being used for manufacturing activities.
The site was used by Boyle-Midway for the formulation, bottling, and packaging of commercial household products such as pesticides, cleaners, polishes, detergents, and air freshneres from 1959 to 1988.
Previous site investigations by various consultants documented the presence of various contaminants within the building and in near surface and deeper soil at the site. The principal contaminants were organochlorine pesticides (OCPs, primarily DDT, DDD, and DDE), total recoverable petroleum hydrocarbons, and lead. Subsequent removal activities at the site involved the removal and off-site disposal of over 10,00 cubic yards of contaminated soil and building material..

Status: NO FURTHER ACTION
Program Type: VOLUNTARY CLEANUP
CalEnviroScreen Score: 96-100%
Summary Link: https://www.envirostor.dtsc.ca.gov/public/profile_report?global_id=19280491

Completed Activities

Title: Preliminary Endangerment Assessment Report
Title Link: https://www.envirostor.dtsc.ca.gov/public/
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Preliminary Endangerment Assessment Report
Date Completed: 3/8/1994
Comments: DTSC received and reviewed PEA, recommending Further Action due to Organochlorine Pesticides and Petroleum Hydrocarbons remaining onsite.

Title: Site Screening
Title Link: https://www.envirostor.dtsc.ca.gov/public/
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Site Screening
Date Completed: 9/25/1990
Comments: Site screening done. Boyle Midway Household Products, Inc was on the site from 1959 to 1988. The City of Commerce, Dept. of Public Works has owned property since 1988. Site has been vacant for the last two years. A number of under- ground tanks were removed from the proptery under the over- sight of the LA County Dept. of Public Works in 1988. On 10/25/1984 one wastewater tank overflowed. In 1984, LA County Industrial Waste Dept. issued citations for vio- lations. Walk by of the site revealed patches of spills and discharges. Site is contaminated with organo-chlorine pesticides and petroleum hydorcarbons. The highest concen- tration detected was for DDT. One sample was 140mg/kg. PEA submitted to DTSC by RP is under review.

Title: Discovery
Title Link: https://www.envirostor.dtsc.ca.gov/public/
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: * Discovery
Date Completed: 5/10/1982
Comments: FACILITY IDENTIFIED TELEPHONE BOOK SEARCH SEE FILE #19-28-0144,BOYLE MIDWAY INC.

Title: Site Screening
Title Link: https://www.envirostor.dtsc.ca.gov/public/
Area Name:

Area Link:
Sub Area:
Sub Area Link:
Document Type: Site Screening
Date Completed: 5/14/1991
Comments: Department notified the RP to resubmit the PEA application along with the appropriate fee if they would like to continue the PEA process.

Title: Preliminary Endangerment Assessment Report
Title Link: https://www.envirostor.dtsc.ca.gov/public/
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Preliminary Endangerment Assessment Report
Date Completed: 3/14/1996
Comments:

Title: Site Screening
Title Link: https://www.envirostor.dtsc.ca.gov/public/
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Site Screening
Date Completed: 2/8/1988
Comments: SITE SCREENING DONE PAL RECOMMENDED BASED ON LACK OF INFO.

---

102 | ***2 of 2*** | ***ENE*** | ***0.98 / 5,159.96*** | ***141.41 / -1*** | ***BOYLE MIDWAY HOUSEHOLD PRODUCTS - SOUTH SOUTH PORTION 6000 EAST SHEILA STREET COMMERCE CA 90040*** | ***ENVIROSTOR***

Estor/EPA ID:	19281212	***Assembly District:***	58
Site Code:		***Senate District:***	32
Nat Priority List:	NO	***Permit Renewal Lead:***	
APN:	6334-025-013, 6334025013	***Public Partici Spclst:***	
Census Tract:	6037532303	***Project Manager:***	
Site Type:	VOLUNTARY CLEANUP	***County:***	LOS ANGELES
Address Description:	SOUTH PORTION 6000 EAST SHEILA STREET	***Latitude:***	33.9952361503469
Office:	CLEANUP CHATSWORTH	***Longitude:***	-118.150984875349
Special Program:	VOLUNTARY CLEANUP PROGRAM	***Acres:***	2.68 ACRES
Funding:	SITE PROPONENT	***Supervisor:***	ALLAN PLAZA

Cleanup Status: NO FURTHER ACTION AS OF 8/14/1996
Cleanup Oversight Agencies: DTSC - LEAD AGENCY
School District:
Past Use that Caused Contam: MANUFACTURING - CHEMICALS, MANUFACTURING - OTHER
Potential Media Affected: SOIL
Site History:

The Site, which is located at 6000 Sheila Street in the City of Commerce, has been divided into two parcels. The 7.12-acre northern parcel, which is occupied by an approximately 180,000 square feet structure, currently is being used for manufacturing activities. The northern parcel was the subject of previous investigations and remediations and was issued a "No Further Action" determination by DTSC.
The 2.68-acre southern parcel, which is referred hereto as the southern site is presently vacant and undeveloped. During previous remedial activities at the site, buried slag material was discovered at various locations in the south field. Investigations indicated that the material extended to a depth of four feet below ground surface and resembled steel mill slag, which possibly was imported as a fill during site grading activities in the 1959. Several investigations and remediations were conducted to determine the nature and the extent of the lead contamination.

Potential Contamin of Concern:

LEAD
ORGANOCHLORINE PESTICIDES (8081 OCPS)
PETROLEUM

Status: NO FURTHER ACTION
Program Type: VOLUNTARY CLEANUP

CalEnviroScreen Score: 96-100%
Summary Link: https://www.envirostor.dtsc.ca.gov/public/profile_report?global_id=19281212

Completed Activities

Title: Site Screening
Title Link: https://www.envirostor.dtsc.ca.gov/public/
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Site Screening
Date Completed: 9/25/1990
Comments:

Title: Site Screening
Title Link: https://www.envirostor.dtsc.ca.gov/public/
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Site Screening
Date Completed: 2/8/1988
Comments:

Title: Preliminary Endangerment Assessment Report
Title Link: https://www.envirostor.dtsc.ca.gov/public/
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Preliminary Endangerment Assessment Report
Date Completed: 6/30/1997
Comments: Completed review of the PEA Addendum Report and issued a "No Further Action" Determination for the Site.

Title: Preliminary Endangerment Assessment Report
Title Link: https://www.envirostor.dtsc.ca.gov/public/
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Preliminary Endangerment Assessment Report
Date Completed: 3/8/1994
Comments:

Title: Discovery
Title Link: https://www.envirostor.dtsc.ca.gov/public/
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: * Discovery
Date Completed: 5/10/1982
Comments:

Title: Site Screening
Title Link: https://www.envirostor.dtsc.ca.gov/public/
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Site Screening
Date Completed: 5/14/1991
Comments:

Title: Order
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19281212&enforcement_id=5011895
Area Name:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Area Link:
Sub Area:
Sub Area Link:
Document Type: Standard Voluntary Agreement
Date Completed: 9/3/1996
Comments: DTSC & the Commerce Community Development Commission signed a Voluntary Cleanup Agreement to provide DTSC review of a site remediation document (PEA Equivalent) on the south parcel (parcel 2), remediated without DTSC oversight.

103	1 of 1	NNE	0.99 / 5,244.65	142.75 / 0	COMMERCE TRANSPORTATION CENTER 5555 JILLSON STREET COMMERCE CA 90040	ENVIROSTOR

Estor/EPA ID: 60002881
Site Code: 301868
Nat Priority List: NO
APN: NONE SPECIFIED
Census Tract:
Site Type: VOLUNTARY CLEANUP
Address Description: 5555 JILLSON STREET
Office: CLEANUP CHATSWORTH
Special Program: VOLUNTARY CLEANUP PROGRAM
Funding: SITE PROPONENT
Assembly District:
Senate District:
Permit Renewal Lead:
Public Partici Spclst:
Project Manager: FATIMA CARRERA
County: LOS ANGELES
Latitude: 0
Longitude: 0
Acres: 2.35 ACRES
Supervisor: JULI PROPES
Cleanup Status: ACTIVE AS OF 9/18/2019
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: ACTIVE
Program Type: VOLUNTARY CLEANUP
CalEnviroScreen Score:
Summary Link: https://www.envirostor.dtsc.ca.gov/public/profile_report?global_id=60002881

Completed Activities

Title: Request for Agency Oversight Application
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60002881&doc_id=60470310
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Application
Date Completed: 11/22/2019
Comments: Application signed

Title: Phase I ESA
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60002881&doc_id=60470312
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Phase 1
Date Completed: 2/20/2020
Comments:

Title: Phase II ESA
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60002881&doc_id=60470316
Area Name:
Area Link:

Sub Area:	
Sub Area Link:	
Document Type:	Site Characterization Report
Date Completed:	2/11/2020
Comments:	additional sampling required for further investigation
Title:	Standard Voluntary Agreement
Title Link:	https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60002881&enforcement_id=60472148
Area Name:	
Area Link:	
Sub Area:	
Sub Area Link:	
Document Type:	California Land Reuse and Revitalization Agreement
Date Completed:	12/23/2019
Comments:	Signed SVA agreement- Commerce Transportation Center- 12172019

Unplottable Summary

Total: 4 Unplottable sites

DB	Company Name/Site Name	Address	City	Zip	ERIS ID
HMIRS		SLAUSON AVE	LOS ANGELES CA		818489145
RCRA NON GEN	CEMEX CONSTRUCTION MATERIALS PACIFIC LLC	5091 RICKENBACKER RD ***EPA Handler ID:*** CAL000448643	BELL CA	90201	879462146
SML LA	COMMUNITY DEVELOPMENT COMMISS.	0000 3RD ST	LOS ANGELES CA	90022	820048081
SWF/LF	Dominic Castro Dump	4830-54 Eastern Ave/ 6081-85 Rickenbache	Commerce CA	99999	885735628

Unplottable Report

Site:

SLAUSON AVE LOS ANGELES CA HMIRS

Incident County: LOS ANGELES

HMIR Incident Reports

Report No:	I-1997041184	***Fed DOT Agency Nm:***	
Report Type:	A hazardous material incident	***Fed DOT Report No:***	
Date of Incident:	1997-03-27	***Report Submit Src:***	Paper
Time of Incident:	2000	***Inc Multiple Rows:***	No
Haz Class Code:		***Inc Non US State:***	
Hazardous Class:	9	***Mode Transport:***	Highway
Commodity Short Nm:	ENVIRONMENTALLY HAZARDOU	***Transport Phase:***	In Transit
Commodity Long Nm:	ENVIRONMENTALLY HAZARDOUS SUBSTANCES, LIQUID, N.O.S.	***Incident Occrrnce:***	
Trade Name:	NICHEM PF 500A	***Mat Ship Approval?:***	No
ID No:	UN3082	***Mat Ship Approv No:***	
Haz Waste Ind:	No	***Undecl Hazmat Ship?:***	No
Haz Waste EPA No:		***Packaging Type:***	Non-Bulk
HMIS Tox Inhalation?:	No	***Packing Group:***	
TIH Hazard Zone:		***Carrier Reporter:***	CONWAY WESTERN EXPRESS
Qty Released:	5	***CR Street Name:***	1955 E WASHINGTON BLVD
Unit of Measure:	Liquid - Gallon	***CR City:***	LOS ANGELES
What Failed:	103	***CR State:***	CA
What Failed Desc:	Basic Material	***CR Postal Code:***	90021
How Failed Code:	305	***CR Non US State:***	
How Failed Desc:	Crushed	***CR Fed DOT ID:***	838885
Failure Cause Code:	519	***CR Hazmat Reg ID:***	
Failure Cause Desc:	Inadequate Blocking and Bracing	***CR Country:***	US
Ident. Markings:		***Shipper Name:***	MILLHORN CHEM & SUPPLY CO
Cont1 Pkging Type:		***Shipper Street Name:***	6142 WALKER AVE
Cont1 Const Mat:		***Shipper City:***	MAYWOOD
Cont1 Head Type:		***Shipper State:***	CA
Cont1 Pkg Capacity:	5	***Shipper Postal:***	90270
C1 Capacity UOM:	LGA	***Shipper Non US St:***	
Cont1 Pkg Amt:	0	***Shipper Country:***	US
C1 Pkg Amt UOM:		***Shipper Waybill:***	918585484 & 9185
Cont1 Pkg No:	4	***Ship Hazmat Reg ID:***	
C1 Pkg NO Failed:	1	***Origin City:***	
Cont1 Pkg Mnfctr:	NOT REPORTED BY CARRIER	***Origin State:***	
Cont1 Pkg Mnfct Dt:	0-00-00 00:00:00	***Origin Postal:***	
Cont1 Pkg Serial NO:		***Origin Non US St:***	
C1 Pkg Last Test Dt:	0-00-00 00:00:00	***Origin Country:***	US
C1 Test Const Mat:		***Destination City:***	EL PASO
C1 Pkg Dsign Pres.:	0	***Destination State:***	TEXAS
C1 Dsign Press UOM:		***Destination Postal:***	79905
C1 Pkg Shell Thick:	0	***Destination Non US:***	
C1 Shell Thick UOM:		***Destination Country:***	US
C1 Head Thickness:	0	***Cont2 Package Type:***	
C1 Head Thick UOM:		***Cont2 Const Mat:***	
C1 Pkg Srvc Pres.:	0	***Cont2 Pkg Capacity:***	0
C1 Srvc Press UOM:		***Cont2 Capacity UOM:***	
C1 Valve/Device Fail?:	No	***Cont2 Pkg Amount:***	0
C1 Device Type:		***Cont2 Pkg Amt UOM:***	
C1 Device Mnfctr:		***Cont2 Pkg No:***	0
C1 Device Model:		***Cont2 Pkg No Failed:***	0
NRC No:			
RAM Pkg Category:		***Haz NonHosp Public:***	0
RAM Pkg Cert.:	FALSE	***Haz NonHosp Old:***	

RAM Pkg Cert. NBR:		***Tot Haz Non Hosp Inj:***	
RAM Nuclide S:		***Total Hazmat Injuries:***	0
RAM Transport Index:		***Evacuation Indicator:***	No
RAM UOM:		***Public Evacuated:***	0
RAM Activity Rpted:	0	***Employees Evac:***	0
RAM UOM Rpted:		***Total Evacuated:***	0
RAM Activity:	0	***Total Evacuation Hrs:***	0
RAM Activity UOM:		***Major Artery Closed:***	No
RAM Mat Safety:		***Mjr Artery Hrs Closed:***	0
Spillage Result:	Yes	***Material Involved:***	No
Fire Result:	No	***Estimated Speed:***	10
Explosion Result:	No	***Weather Conditions:***	
Water Sewer Result:	No	***Vehicle Overturn:***	No
Gas Dispersion:	No	***Vehicle Left Roadway:***	No
Environment Damage:	No	***Passenger Aircraft:***	No
No Release Result:	No	***Cargo Baggage:***	
Fire EMS Report:	No	***Ship Non Transport:***	No
Fire EMS EMS Report:		***Ship Air First Flight:***	No
Police Report:	No	***Ship Air Subflight:***	No
Police Report No:		***Ship Init Transport:***	No
In House Cleanup:	No	***Ship Phase Transfer:***	No
Other Cleanup:	No	***Contact Name:***	CHRISTOPHER J WILLIAMS
Damage > 500:	No	***Contact Title:***	ASS SERVICE CENTER MGR
Material Loss:	50	***Contact Business:***	
Carrier Damage:	0	***Contact Street:***	
Property Damage:	0	***Contact City:***	
Response Cost:	0	***Contact State:***	
Remediation Cost:	0	***Contact Postal:***	
Damage Old Form:	0	***Contact Non US St:***	
Total Damages Amt:	50	***Contact Country:***	US
Hazmat Fatality:	No	***Inc. Report Prepared:***	
Haz Fatal Employees:	0	***HMIS Serious Incidnt:***	No
Haz Fatal Respndrs:	0	***HMIS Serious Fatality:***	No
Haz Fatal Gen Public:	0	***HMIS Serious Injury:***	No
Tot Hazmat Fatalities:	0	***HMIS Flight Plan:***	No
Non Hazmat Fatality:	No	***HMIS Serious Evacs:***	No
Non Hazmat Fatals:	0	***HMIS Major Artery:***	No
Hazmat Injury:	No	***HMIS Bulk Release:***	No
Haz Hospital Empl:	0	***HMIS Marine Pollutnt:***	No
Haz Hospital Resp:	0	***HMIS Radioactive:***	No
Haz Hosp Gen Public:	0	***HMIS Gen Pkg Type:***	PAIL
Haz Hosp Old Form:	0	***HMIS Container Code:***	PAIL
Total Haz Hosp Inj:	0	***HMIS Container Desc:***	Pail, open head, capacity 10 gallons or less
Haz Non Hosp Empl:	0	***HMIS Bulk Incident:***	No
Haz Non Hosp Resp:	0	***Undeclared Shipment:***	No

Description of Events: DRIVER WAS RETURNING TO THE SERVICE CENTER WHEN HE WAS CUT OFF BY A CAR. HE HAD TO BRAKE HARD TO AVOID ACCIDENT. THE RESULT WAS THE PAILS SLID OFF THE PALLET AND ONE BURST OPEN SPILLING CONTENTS ON FLOOR OF TRAILER. SHIPPER WAS NOTIFIED AND SENT OUT GENERAL MANAGER AND CLEAN-UP CREW. THE SHIPMENT WAS RETURNED TO SHIPPER TO BE REPACKED AND SHIPPED THE NEXT DAY.

Recommend Actions Taken:

Site: ***CEMEX CONSTRUCTION MATERIALS PACIFIC LLC***
5091 RICKENBACKER RD BELL CA 90201

RCRA NON GEN

EPA Handler ID:	CAL000448643
Gen Status Universe:	No Report
Contact Name:	JO'L CHAPMAN
Contact Address:	4120 , E JURUPA ST STE 202 , , ONTARIO , CA, 91761 , US
Contact Phone No and Ext:	909-974-5434
Contact Email:	JOLM.CHAPMAN@CEMEX.COM
Contact Country:	US
County Name:	LOS ANGELES
EPA Region:	09
Land Type:	Private
Receive Date:	20200103
Location Latitude:	
Location Longitude:	

Violation/Evaluation Summary

Note: NO RECORDS: As of Nov 2021, 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:	20200103
Handler Name:	CEMEX CONSTRUCTION MATERIALS PACIFIC LLC
Source Type:	Notification
Federal Waste Generator Code:	N
Generator Code Description:	Not a Generator, Verified

Waste Code Details

Hazardous Waste Code:	352
Waste Code Description:	Other organic solids

Owner/Operator Details

Owner/Operator Ind:	Current Owner	***Street No:***	
Type:	Private	***Street 1:***	4120 E JURUPA ST STE 202
Name:	CEMEX CONSTRUCTION MATERIALS PACIFIC LLC	***Street 2:***	
Date Became Current:		***City:***	ONTARIO
Date Ended Current:		***State:***	CA
Phone:	909-974-5434	***Country:***	US
Source Type:	Notification	***Zip Code:***	91761

Owner/Operator Ind:	Current Operator	***Street No:***	4120
Type:	Private	***Street 1:***	E JURUPA ST STE 202
Name:	CEMEX CONSTRUCTION MATERIALS PACIFIC LLC	***Street 2:***	
Date Became Current:		***City:***	ONTARIO
Date Ended Current:		***State:***	CA
Phone:	909-974-5434	***Country:***	US
Source Type:	Notification	***Zip Code:***	91761

Site: ***COMMUNITY DEVELOPMENT COMMISS.***
0000 3RD ST LOS ANGELES CA 90022

SML LA

Site ID:	SD0011435
Case ID:	RO0000382
Status:	

Site: ***Dominic Castro Dump***

SWIS No:	19-AA-5576	***Latitude:***	33.9912
EPA Fed Registry ID:		***Longitude:***	-118.1612
Operational Status:	Closed	***County:***	Los Angeles
Regulatory Status:	Unpermitted	***Site ZIP:***	99999
Site is Archived:	Yes	***ARB District:***	South Coast
Absorbed on:		***SWRCB Region:***	Los Angeles
Absorbed by:		***Site Point of Contact:***	Dawn Liang
Site Inert Debris Eng Fill:	No		
Closed Illegal Aband:	Yes		
Closed Illegal Aband Cat:	D		
Finance Assuran Responsible:	No		
Incorporated City:	Commerce		
Local Government:	Commerce		
Reporting Agency Legal Name:	County of Los Angeles		
Reporting Agency Department:	Department of Public Health		
Enforcing Agency Legal Name:	County of Los Angeles		
Enforcing Agency Department:	Department of Public Health		

Site Owners

Site Type:	Disposal Only	***Contact Name:***	
Owner Name:	Several Land Owners (Home Owners)	***Contact First Name:***	
Owner Address:		***Contact Last Name:***	
Owner City:		***Contact Title:***	See Site Comment Box For More Info.
Owner State:		***Contact Email:***	
Owner ZIP Code:		***Started On:***	
Owner Phone:			

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

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

National Priority List: NPL

National Priorities List (Superfund)-NPL: EPA's (United States Environmental Protection Agency) list of the most serious uncontrolled or abandoned hazardous waste sites identified for possible long-term remedial action under the Superfund program. The NPL, which EPA is required to update at least once a year, is 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.

Government Publication Date: Oct 20, 2021

National Priority List - Proposed: PROPOSED NPL

Includes sites proposed (by the EPA, the state, or concerned citizens) for addition to the NPL due to contamination by hazardous waste and identified by the Environmental Protection Agency (EPA) as a candidate for cleanup because it poses a risk to human health and/or the environment.

Government Publication Date: Oct 20, 2021

Deleted NPL: DELETED 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.

Government Publication Date: Oct 20, 2021

SEMS List 8R Active Site Inventory: SEMS

The 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.

Government Publication Date: Oct 20, 2021

SEMS List 8R Archive Sites: SEMS ARCHIVE

The 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.

Government Publication Date: Oct 20, 2021

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).

Government Publication Date: Jan 30, 2014

RCRA CORRACTS-Corrective Action: RCRA CORRACTS

RCRA Info is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. 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: Nov 17, 2021

RCRA non-CORRACTS TSD Facilities: RCRA TSD

RCRA Info is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. This database includes Non-Corrective Action sites listed as treatment, storage and/or disposal facilities of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA).

Government Publication Date: Nov 17, 2021

RCRA Generator List: RCRA LQG

RCRA Info is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. 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: Nov 17, 2021

RCRA Small Quantity Generators List: RCRA SQG

RCRA Info is the EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. 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: Nov 17, 2021

RCRA Very Small Quantity Generators List: RCRA VSQG

RCRA Info is the EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. 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: Nov 17, 2021

RCRA Non-Generators: RCRA NON GEN

RCRA Info is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. 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: Nov 17, 2021

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: Nov 17, 2021

Federal Engineering Controls-ECs: FED ENG

Engineering controls (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. This database is made available by the United States Environmental Protection Agency (EPA).

Government Publication Date: Feb 23, 2021

Federal Institutional Controls- ICs: FED INST

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. Although it is EPA's (United States Environmental Protection Agency) 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.

Government Publication Date: Feb 23, 2021

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

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 26, 2021

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 database is made available by the United States Environmental Protection Agency (EPA).

Government Publication Date: Aug 20, 2021

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

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: Dec 2, 2020

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

List of petroleum refineries from the U.S. Energy Information Administration (EIA) Refinery Capacity Report. Includes operating and idle petroleum refineries (including new refineries under construction) and refineries shut down during the previous year located in the 50 States, the District of Columbia, Puerto Rico, the Virgin Islands, Guam, and other U.S. possessions. Survey locations adjusted using public data.

Government Publication Date: Jul 10, 2020

Petroleum Product and Crude Oil Rail Terminals: BULK TERMINAL

List of petroleum product and crude oil rail terminals made available by the U.S. Energy Information Administration (EIA). Includes operable bulk petroleum product terminals located in the 50 States and the District of Columbia 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 that were active between 2017 and 2018. Petroleum product terminals comes from the EIA-815 Bulk Terminal and Blender Report, which includes working, shell in operation, and shell idle for several major product groupings. Survey locations adjusted using public data.

Government Publication Date: Apr 28, 2020

LIEN on Property: SEMS LIEN

The EPA Superfund Enterprise Management System (SEMS) provides LIEN information on properties under the EPA Superfund Program.

Government Publication Date: Oct 20, 2021

Superfund Decision Documents: SUPERFUND ROD

This database contains a listing 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 Records of Decision (ROD), ROD Amendments, Explanations of Significant Differences (ESD), along with other associated memos and files. This information is maintained and made available by the US EPA (Environmental Protection Agency).

Government Publication Date: Jun 28, 2021

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 is state equivalent NPL.

Government Publication Date: Sep 15, 2021

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 is state equivalent CERCLIS.

Government Publication Date: Sep 15, 2021

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 15, 2021

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: Nov 2, 2021

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

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 15, 2021

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: Nov 2, 2020

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 27, 2020

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: Dec 16, 2020

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: Oct 20, 2021

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: Jun 22, 2021

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: Jun 22, 2021

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: Oct 17, 2021

Proposed Closure of Underground Storage Tank Cases: UST CLOSURE

List of UST cases that are being considered for closure by either the California Environmental Protection Agency, State Water Resources Control Board or the Executive Director that have been posted for a 60-day public comment period.

Government Publication Date: May 5, 2021

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, 2021

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: Dec 10, 2021

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: Sep 24, 2021

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: Sep 24, 2021

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 15, 2021

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: Oct 20, 2021

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 15, 2021

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: Jun 22, 2021

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: Dec 8, 2021

Tribal

Leaking Underground Storage Tanks (LUSTs) on Indian Lands: INDIAN LUST

LUSTs on Tribal/Indian Lands in Region 9, which includes California.

Government Publication Date: Apr 8, 2020

Underground Storage Tanks (USTs) on Indian Lands: INDIAN UST

USTs on Tribal/Indian Lands in Region 9, which includes California.

Government Publication Date: Apr 8, 2020

Delisted Tribal Leaking Storage Tanks: DELISTED ILST

Leaking Underground Storage Tank facilities which have been removed from the Regional Tribal LUST lists made available by the EPA.

Government Publication Date: Apr 14, 2020

Delisted Tribal Underground Storage Tanks: DELISTED IUST

Underground Storage Tank facilities which have been removed from the Regional Tribal UST lists made available by the EPA.

Government Publication Date: Apr 14, 2020

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: Mar 2, 2021

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: Nov 12, 2021

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: Nov 5, 2020

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: Nov 3, 2021

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: Dec 3, 2020

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: Dec 3, 2020

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: Feb 2, 2021

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: Jun 7, 2021

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: Jun 3, 2021

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 19, 2021

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

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 Environmental Protection Agency (US EPA).

Government Publication Date: Nov 2, 2020

Toxics Release Inventory (TRI) Program: TRIS

The EPA's Toxics Release Inventory (TRI) is a database containing data on disposal or other releases of over 650 toxic chemicals from thousands of U. S. facilities and information about how facilities manage those chemicals through recycling, energy recovery, and treatment. One of TRI's primary purposes is to inform communities about toxic chemical releases to the environment.

Government Publication Date: Aug 24, 2021

Perfluorinated Alkyl Substances (PFAS) Releases: PFAS TRI

List of Toxics Release Inventory (TRI) facilities at which the reported chemical is a Per- or polyfluorinated alkyl substance (PFAS) included in the Environmental Protection Agency (EPA)'s consolidated PFAS Master List of PFAS Substances. The EPA's Toxics Release Inventory (TRI) is a database containing data on disposal or other releases of over 650 toxic chemicals from thousands of U.S. facilities and information about how facilities manage those chemicals through recycling, energy recovery, and treatment.

Government Publication Date: Aug 24, 2021

PFOA/PFOS Contaminated Sites: PFAS NPL

List of sites where PFOA or PFOS contaminants have been found in drinking water or soil. Made available by the Federal Environmental Protection Agency (EPA).

Government Publication Date: Sep 17, 2021

Perfluorinated Alkyl Substances (PFAS) Water Quality: PFAS WATER

The Water Quality Portal (WQP) is a cooperative service sponsored by the United States Geological Survey (USGS), the Environmental Protection Agency (EPA), and the National Water Quality Monitoring Council (NWQMC). This listing includes records from the Water Quality Portal where the characteristic (environmental measurement) is in the Environmental Protection Agency (EPA)'s consolidated PFAS Master List of PFAS Substances.

Government Publication Date: Jul 20, 2020

SSEHRI PFAS Contamination Sites: PFAS SSEHRI

This PFAS Contamination Site Tracker database is compiled by 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, and this is cited in the tracker. Disclaimer: The source conveys this database 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. Limited location details are available with this data. Access the following for the most current informations https://pfasproject.com/pfas-contamination-site-tr acker/

Government Publication Date: Dec 12, 2019

Hazardous Materials Information Reporting System: HMIRS

US DOT - Department of Transportation Pipeline and Hazardous Materials Safety Administration (PHMSA) Incidents Reports Database taken from Hazmat Intelligence Portal, U.S. Department of Transportation.

Government Publication Date: Sep 1, 2020

National Clandestine Drug Labs: NCDL

The U.S. Department of Justice ("the Department") 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: Oct 5, 2020

Toxic Substances Control Act: 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 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).

Government Publication Date: Apr 11, 2019

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 cleanup process, the Environmental Protection Agency (EPA) conducts a search to find the potentially responsible parties (PRPs). EPA looks for evidence to determine liability by matching wastes found at the site with parties that may have contributed wastes to the site.

Government Publication Date: Oct 20, 2021

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.

Government Publication Date: Nov 08, 2017

Integrated Compliance Information System (ICIS): ICIS

The Integrated Compliance Information System (ICIS) is a system that provides information for the Federal Enforcement and Compliance (FE&C) and the National Pollutant Discharge Elimination System (NPDES) programs. The FE&C component supports the Environmental Protection Agency's (EPA) Civil Enforcement and Compliance program activities. These activities include Compliance Assistance, Compliance Monitoring and Enforcement. The NPDES program supports tracking of NPDES permits, limits, discharge monitoring data and other program reports.

Government Publication Date: Jun 14, 2021

Drycleaner Facilities: FED DRYCLEANERS

A list of drycleaner facilities from Enforcement and Compliance History Online (ECHO) online search. The Environmental Protection Agency (EPA) tracks facilities that possess NAIC and SIC codes that classify businesses as drycleaner establishments.

Government Publication Date: May 5, 2021

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, 2021

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. This list is published by the U.S. Army Corps of Engineers.

Government Publication Date: May 26, 2021

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

A list of flagged pipeline incidents 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.

Government Publication Date: Jul 7, 2020

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) contains mine identification numbers issued by the Department of Labor Mine Safety and Health Administration (MSHA) for mines active or opened since 1971. Note that addresses may or may not correspond with the physical location of the mine itself.

Government Publication Date: Nov 2, 2021

Surface Mining Control and Reclamation Act Sites: SMCRA

An inventory of land and water impacted by past mining (primarily coal mining) is maintained by the Office of Surface Mining Reclamation and Enforcement (OSMRE) to provide information needed to implement the Surface Mining Control and Reclamation Act of 1977 (SMCRA). The inventory contains information on the location, type, and extent of Abandoned Mine Land (AML) impacts, as well as information on the cost associated with the reclamation of those problems. The inventory 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.

Government Publication Date: Dec 18, 2020

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, 2006

Uranium Mill Tailings Radiation Control Act Sites: URANIUM

The Legacy Management Office of the Department of Energy (DOE) manages radioactive and chemical waste, environmental contamination, and hazardous material at over 100 sites across the U.S. The L.M. Office manages this database of sites registered under the Uranium Mill Tailings Control Act (UMTRCA).

Government Publication Date: Mar 4, 2017

Alternative Fueling Stations: ALT FUELS

List of alternative fueling stations made available by the US Department of Energy's Office of Energy Efficiency & Renewable Energy. Includes Biodiesel stations, Ethanol (E85) stations, Liquefied Petroleum Gas (Propane) stations, Ethanol (E85) stations, Natural Gas stations, Hydrogen stations, and Electric Vehicle Supply Equipment (EVSE). The National Renewable Energy Laboratory (NREL) obtains information about new stations from trade media, Clean Cities coordinators, a Submit New Station form on the Station Locator website, and through collaborating with infrastructure equipment and fuel providers, original equipment manufacturers (OEMs), and industry groups.

Government Publication Date: Oct 25, 2021

Registered Pesticide Establishments: SSTS

List of active EPA-registered foreign and domestic pesticide-producing and device-producing establishments based on data from the Section Seven Tracking System (SSTS). The Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) Section 7 requires that facilities producing pesticides, active ingredients, or devices be registered. The list of establishments is made available by the EPA.

Government Publication Date: Apr 13, 2021

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: Nov 19, 2020

State

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: Aug 27, 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: Aug 27, 2021

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: Feb 28, 2018

Per- and Polyfluoroalkyl Substances (PFAS): PFAS

List of sites from the State Water Resources Control Board (SWRCB)'s GeoTracker at which one or more of the potential contaminants of concern are in the PFAS Master List of PFAS Substances made available by the Environmental Protection Agency (US EPA).

Government Publication Date: Jun 22, 2021

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: Oct 22, 2020

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: May 20, 2021

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 in the Department of Toxic Substance Control (DTSC) EnviroStor.

Government Publication Date: Apr 29, 2021

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 15, 2021

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 list has been made available by the California Office of Emergency Services (OES).

Government Publication Date: Aug 1, 2021

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

Hazardous Waste Manifest Data: HAZNET

A list of hazardous waste manifests received each year by Department of Toxic Substances Control (DTSC). The volume of manifests is typically 900,000 - 1,000,000 annually, representing approximately 450,000 - 500,000 shipments.

Government Publication Date: Oct 24, 2016

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 19, 2020

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: Dec 16, 2020

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: Dec 31, 2020

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: Sep 24, 2021

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: Jun 22, 2021

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: Jan 12, 2021

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 15, 2021

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: Oct 20, 2021

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. This program requires emission inventory updates every four years.

Government Publication Date: Dec 31, 2019

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: Mar 12, 2020

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: Dec 3, 2020

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:		21123000390p
Date Completed:		December 31, 2021
Project Number:		21-12270
Project Property:		Bell Oasis II 5600 Rickenbacker Road Bell Gardens CA
Coordinates:		
	Latitude:	33.9879721
	Longitude:	-118.16687963
	UTM Northing:	3761435.91549 Meters
	UTM Easting:	392223.192755 Meters
	UTM Zone:	UTM Zone 11S
	Elevation:	142.41 ft
	Slope Direction:	N/A

Topographic Information....2
Hydrologic Information....4
Geologic Information....7
Soil Information....9
Wells and Additional Sources....11
  Summary....12
  Detail Report....18
Radon Information....128
Appendix....129
Liability Notice....131

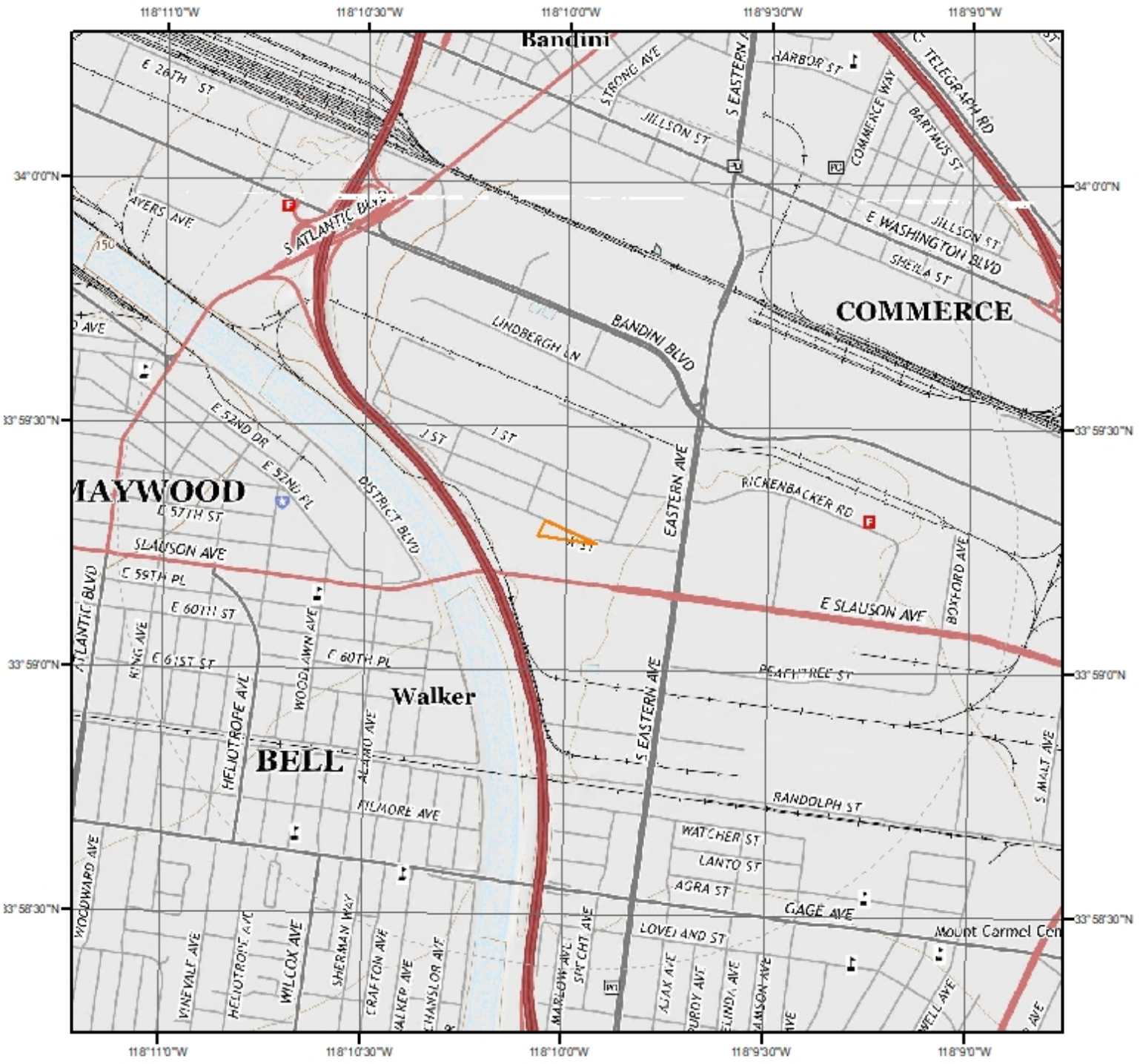
The ERIS ***Physical Setting Report - PSR*** provides comprehensive information about the physical setting around a site and includes a complete overview of topography and surface topology, in addition to hydrologic, geologic and soil characteristics. The location and detailed attributes of oil and gas 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 (2015)

0 0.2 0.4 0.8 Miles

N

Quadrangle(s): Los Angeles,CA; South Gate,CA

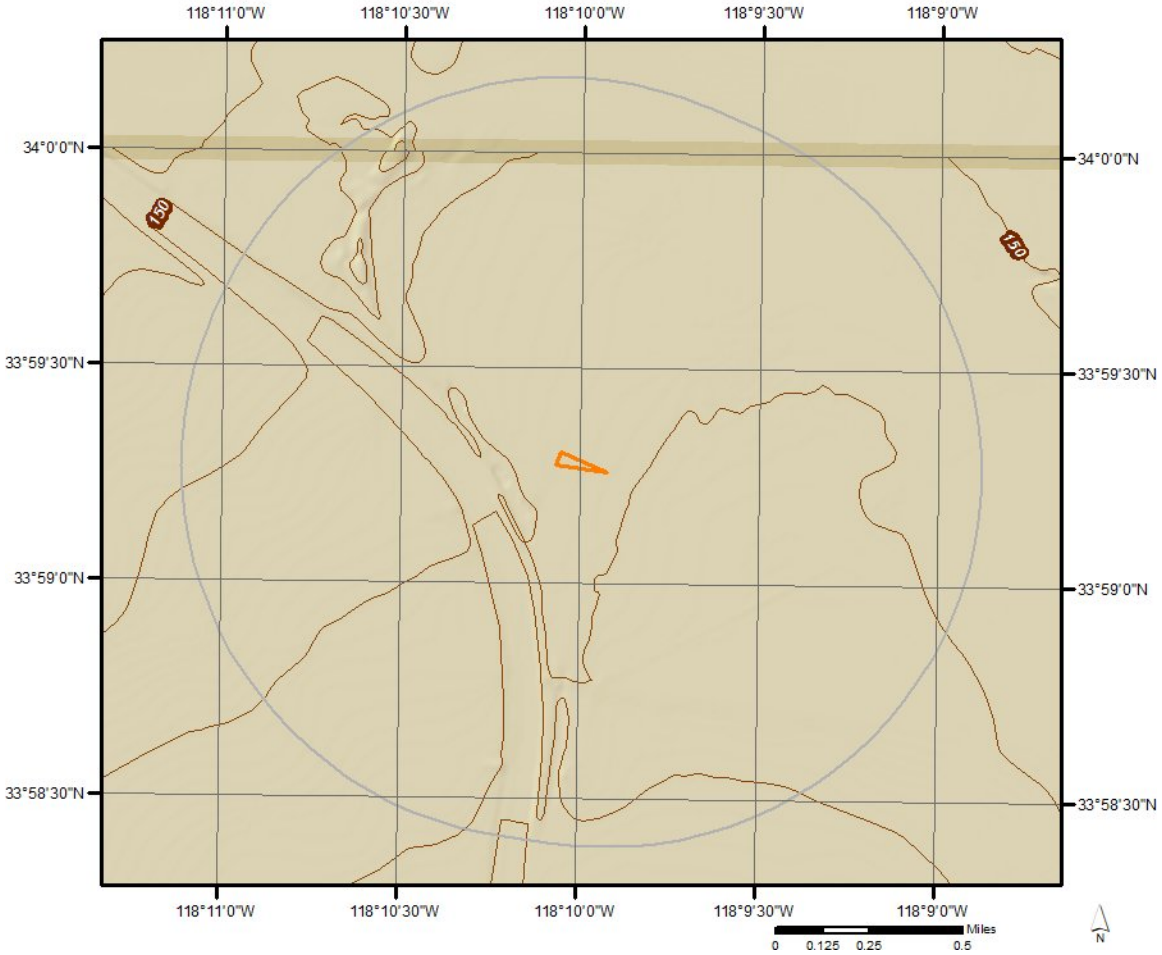
Source: USGS 7.5 Minute Topographic Map

Topographic Information

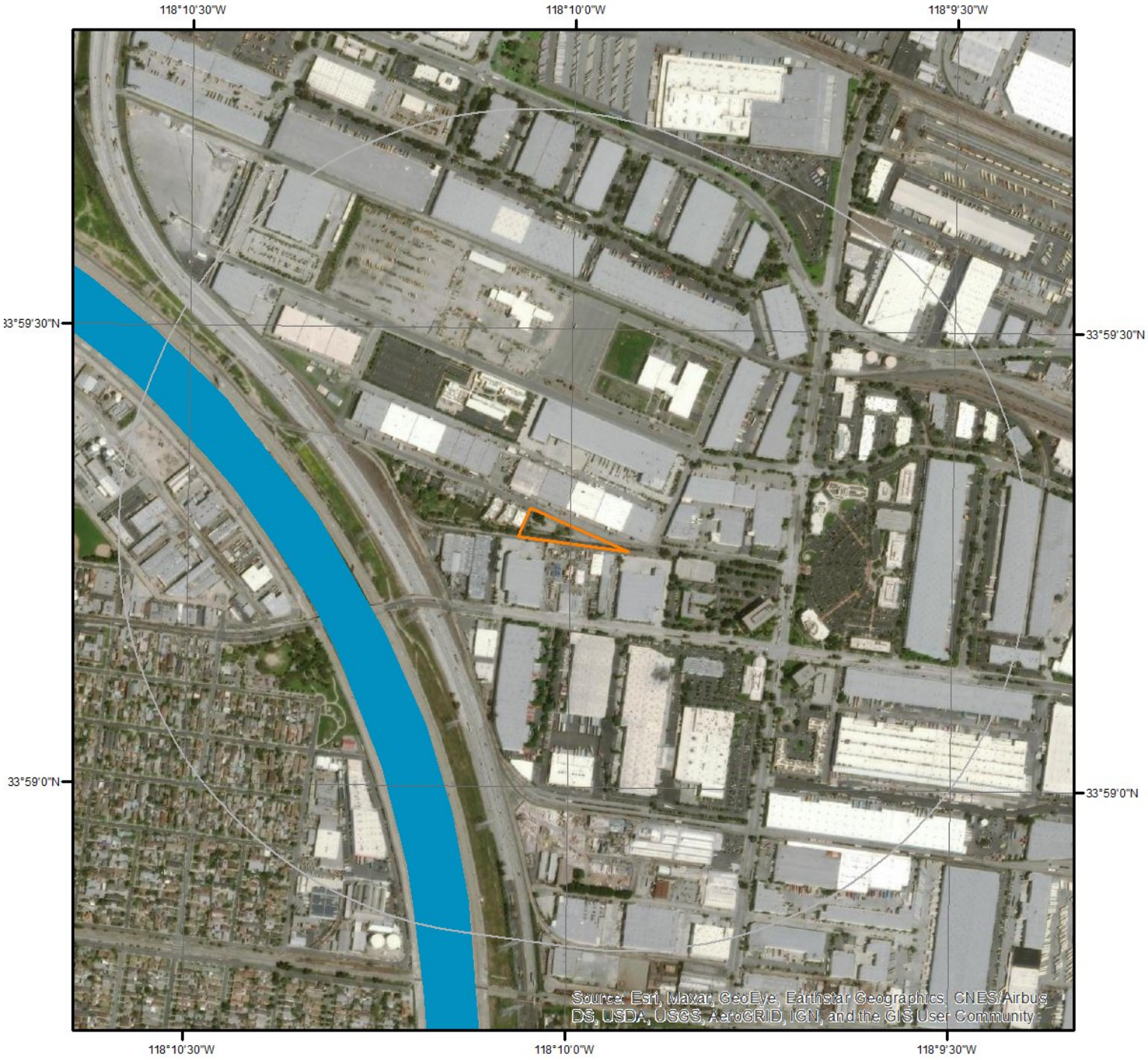
The previous topographic map(s) are created by seamlessly merging and cutting current USGS topographic data. Below are shaded relief map(s), derived from USGS elevation data to show surrounding topography in further detail.

Topographic information at project property:

Elevation:	142.41 ft
Slope Direction:	N/A



Hydrologic Information



Wetland

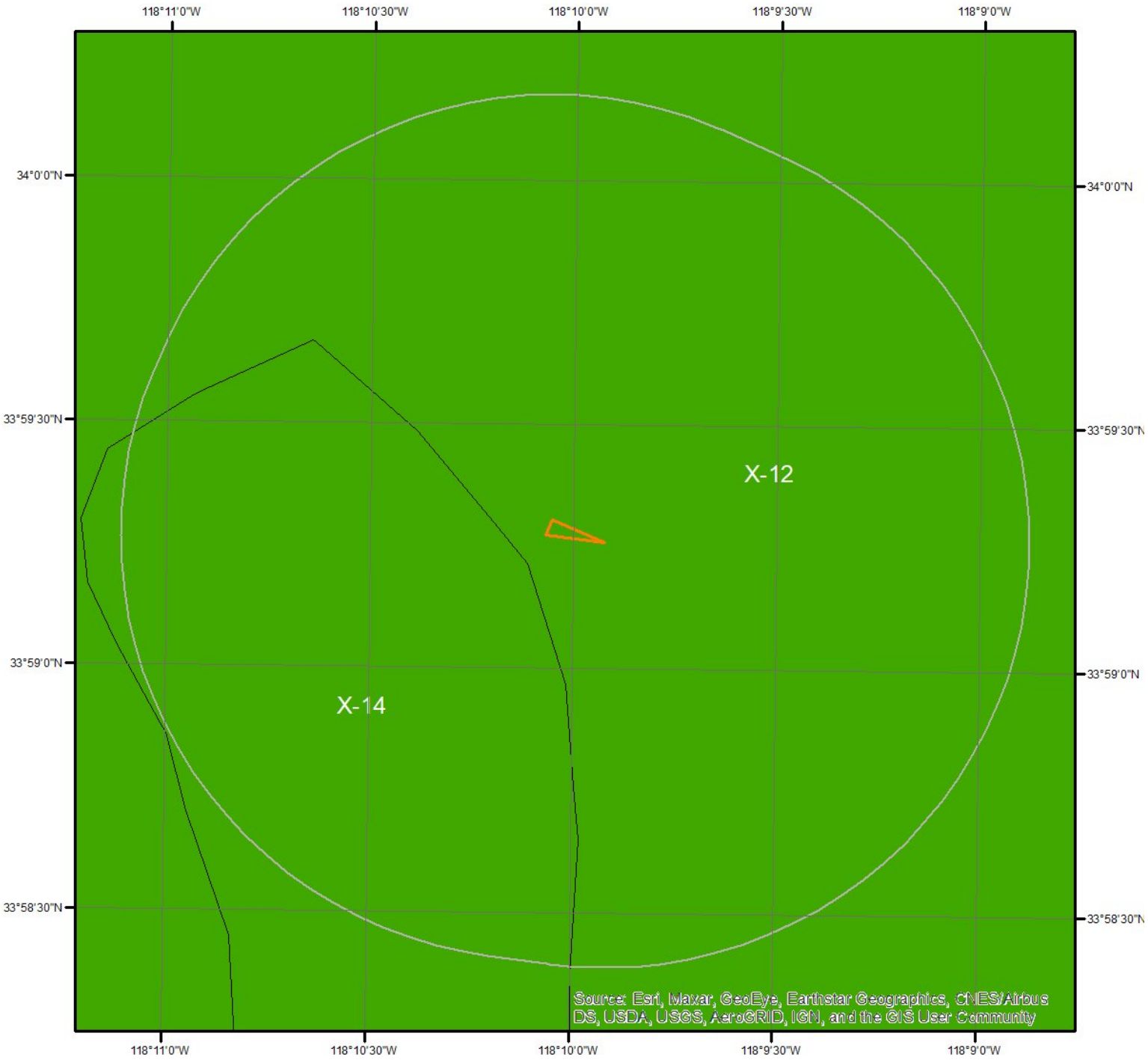
Miles
0 0.075 0.15 0.3
N

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. FIRM panels are shown to the right, and blank indicates no data is available.

Miles
0 0.2 0.4

N

06037C1643F
06037C1810F

A	AO	X
A99	V	OPEN WATER
AE	VE	NOT POPULATED
AH	D	AREA NOT INCLUDED

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:	06037C1810F(effective:2008-09-26) 06037C1643F(effective:2008-09-26)

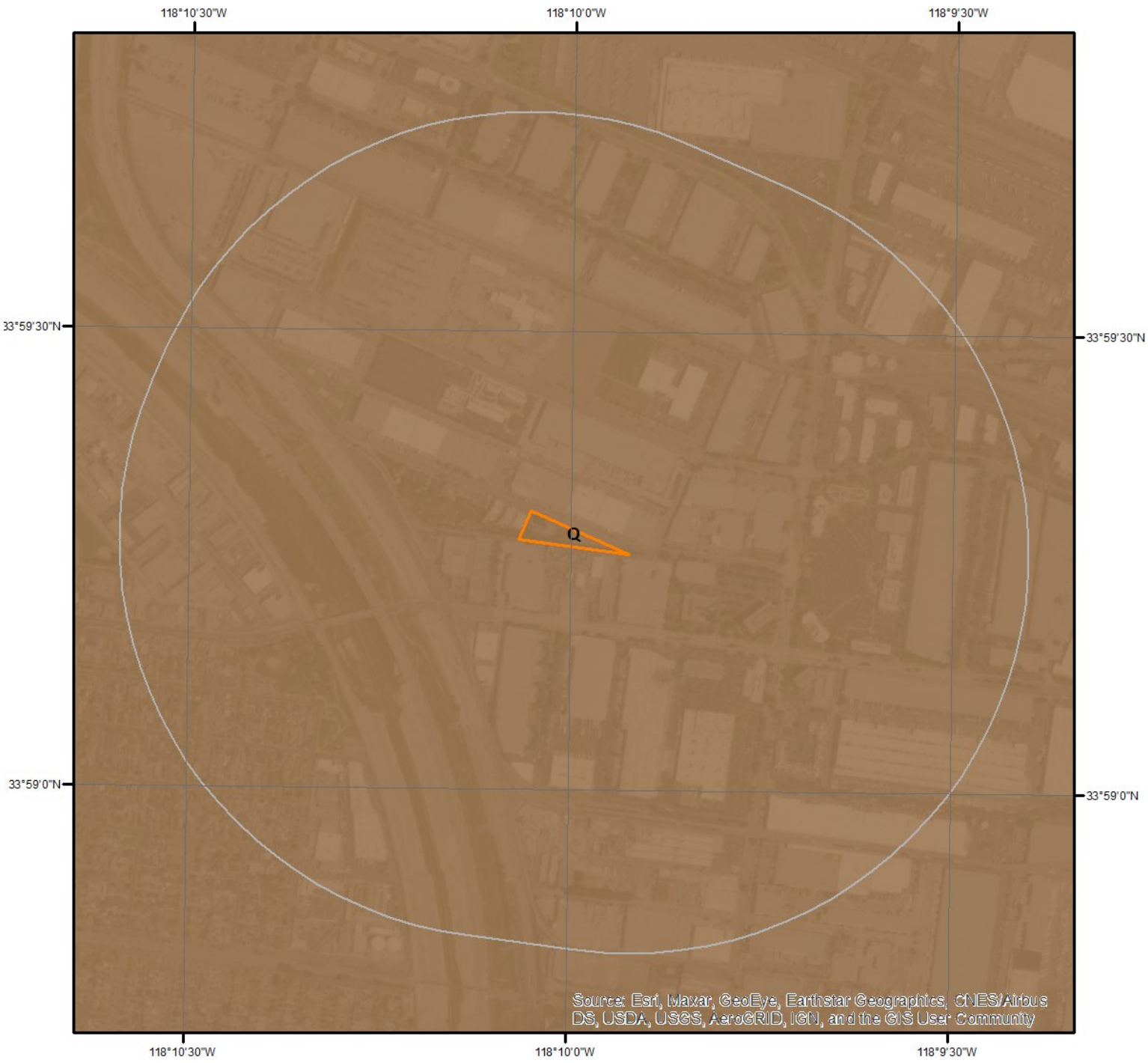
Flood Zone X-12

Zone:	X
Zone subtype:	AREA OF MINIMAL FLOOD HAZARD

Flood Zone X-14

Zone:	X
Zone subtype:	AREA WITH REDUCED FLOOD RISK DUE TO LEVEE

Geologic Information



Geologic Units

This maps shows geologic units in the area. Please refer to the report for detailed descriptions.

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:	Pliocene to Holocene
Primary Rock Type:	alluvium
Secondary Rock Type:	terrace
Unit Description:	Alluvium, lake, playa, and terrace deposits; unconsolidated and semi-consolidated. Mostly nonmarine, but includes marine deposits near the coast.

Soil Information



SSURGO Soils

0 0.2 0.4 Miles N

This maps shows SSURGO soil units around the target property. Please refer to the report for detailed soil descriptions.

ERIS

Soil Information

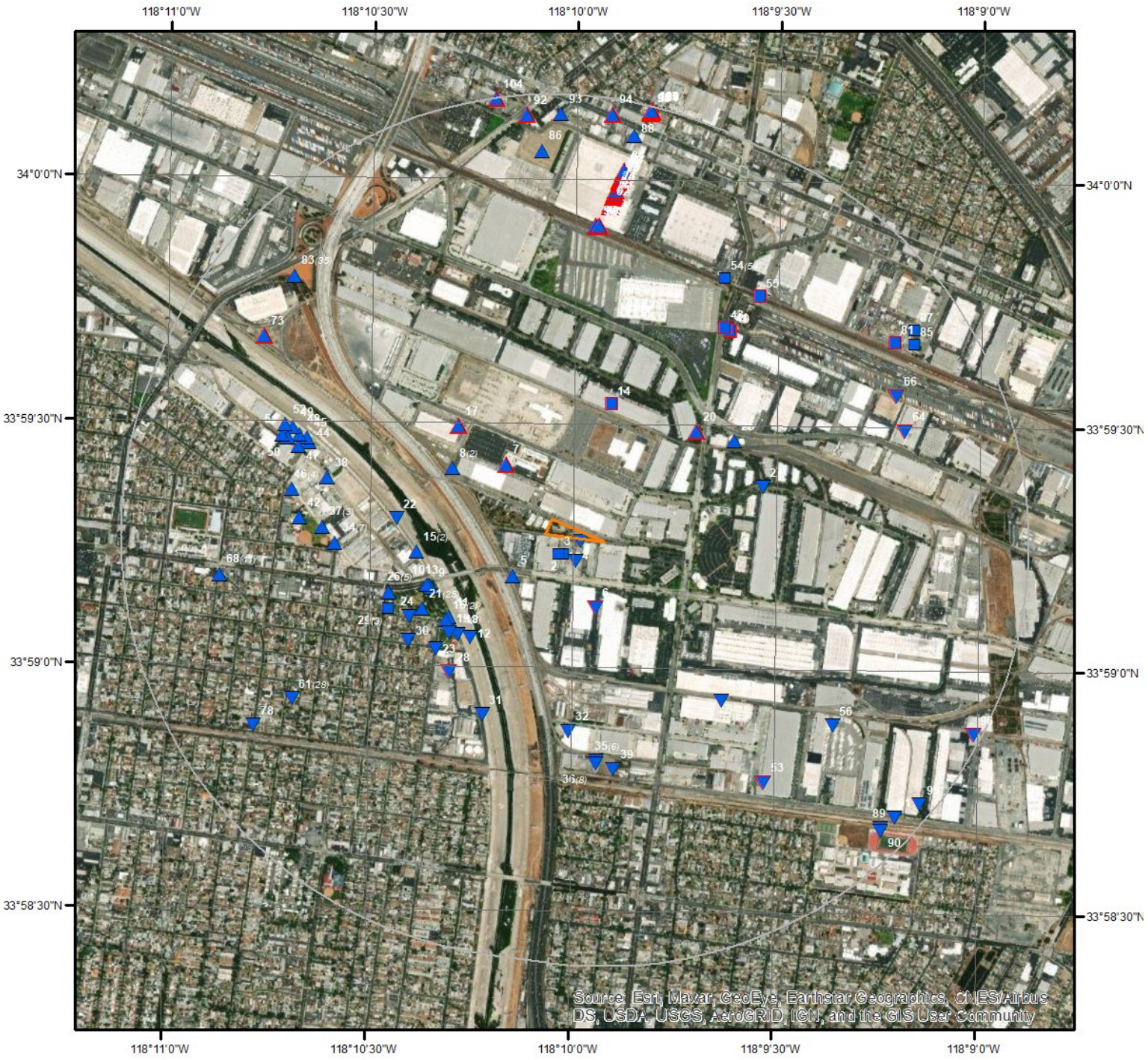
The previous page shows a soil map using SSURGO data from USDA Natural Resources Conservation Service. Detailed information about each unit is provided below.

Map Unit NOTCOM (100.0%)

Map Unit Name: No Digital Data Available

No more attributes available for this map unit

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	PWS ID	Distance (ft)	Direction
27	CA1900994	2084.42	ENE
78	CA1910086	4342.11	WSW

Safe Drinking Water Information System (SDWIS)

Map Key	ID	Distance (ft)	Direction
	No records found		

USGS National Water Information System

Map Key	Monitoring Loc Identifier	Distance (ft)	Direction
25	USGS-335928118093301	2044.96	ENE
32	USGS-335852118095701	2401.38	S
38	USGS-335923118103301	2799.43	WNW
42	USGS-335918118103701	3058.68	W
56	USGS-335853118091801	3653.53	SE
93	USGS-340008118095901	5035.14	N

State Sources

Oil and Gas Wells

Map Key	API No	Distance (ft)	Direction
6	0403706004	833.20	SSE
7	0403727242	883.95	NW
14	0403700868	1608.47	NNE
17	0403700864	1638.99	NW
20	0403700835	1789.14	NE
28	0403721008	2094.10	SW
40	0403700840	3050.98	NE
41	0403700044	3055.92	NE
43	0403700860	3060.13	NE
53	0403706230	3595.04	SE
55	0403700045	3618.82	NE
57	0403700841	3673.54	N
58	0403700842	3678.36	N
59	0403700843	3684.40	N
60	0403700839	3690.34	N
62	0403700850	3950.02	N
63	0403700846	3976.61	N
64	0403726316	3981.99	ENE
65	0403700859	4050.74	N
66	0403700861	4059.01	ENE
67	0403700856	4077.77	N
69	0403700849	4101.27	N
70	0403700845	4124.36	N
71	0403700855	4153.74	N
72	0403700852	4221.15	N

73	0403700867	4240.79	WNW
74	0403700847	4253.30	N
75	0403700844	4276.83	N
76	0403700851	4298.58	N
77	0403700854	4320.77	N
79	0403700858	4352.45	N
80	0403700857	4379.65	N
81	0403700836	4389.88	ENE
82	0403700853	4401.41	N
84	0403700848	4424.99	N
92	0403700832	5031.44	N
94	0403700812	5086.86	N
96	0403705212	5185.57	ESE
97	0403700811	5187.04	NNE
98	0403700805	5196.20	NNE
99	0403700810	5197.46	NNE
100	0403700809	5206.63	NNE
101	0403700806	5206.71	NNE
102	0403700808	5215.79	NNE
103	0403700807	5217.74	NNE
104	0403700869	5269.68	N

Periodic Groundwater Level Measurement Locations

Map Key	ID	Distance (ft)	Direction
	No records found		

Well Completion Reports

Map Key	WCR No	Distance (ft)	Direction
1	WCR2014-010939	38.44	SE
2	WCR2014-010937	221.03	S
3	WCR2014-010938	228.18	SSW
4	WCR2014-010790	289.78	SSE
5	WCR2018-000438	658.74	SW
8	WCR2018-011167	1385.85	WNW
8	WCR2018-011173	1385.85	WNW
9	WCR2016-007584	1561.60	WSW
10	WCR2016-007587	1573.51	WSW
11	WCR2018-011922	1579.94	SW
12	WCR2016-007585	1595.22	SW
13	WCR2016-007578	1601.16	WSW
15	WCR2020-003977	1619.55	W
15	WCR2020-004624	1619.55	W
16	WCR2016-007580	1634.30	SW
16	WCR2016-007583	1634.30	SW
18	WCR2016-007586	1658.99	SW
19	WCR2019-000520	1720.92	SW
19	WCR2019-000820	1720.92	SW
21	WCR2018-000506	1789.58	WSW
21	WCR2018-000512	1789.58	WSW
21	WCR2018-000504	1789.58	WSW
21	WCR2018-000502	1789.58	WSW
21	WCR2018-000515	1789.58	WSW
21	WCR2018-000516	1789.58	WSW
21	WCR2018-000497	1789.58	WSW
21	WCR2018-000500	1789.58	WSW
21	WCR2018-000509	1789.58	WSW
21	WCR2018-000495	1789.58	WSW
21	WCR2018-000490	1789.58	WSW
21	WCR2018-000499	1789.58	WSW
21	WCR2018-000514	1789.58	WSW

21	WCR2018-000510	1789.58	WSW
21	WCR2018-000513	1789.58	WSW
21	WCR2018-000505	1789.58	WSW
21	WCR2018-000492	1789.58	WSW
21	WCR2018-000508	1789.58	WSW
21	WCR2018-000511	1789.58	WSW
21	WCR2018-000494	1789.58	WSW
21	WCR2018-000517	1789.58	WSW
21	WCR2018-000507	1789.58	WSW
21	WCR2018-000501	1789.58	WSW
21	WCR2018-000491	1789.58	WSW
21	WCR2018-000503	1789.58	WSW
22	WCR2019-000845	1861.09	W
23	WCR2016-002438	1983.54	SW
24	WCR2016-002439	1985.92	WSW
26	WCR2016-002447	2077.10	WSW
26	WCR2016-002445	2077.10	WSW
26	WCR2016-002443	2077.10	WSW
26	WCR2016-002444	2077.10	WSW
26	WCR2016-002446	2077.10	WSW
29	WCR2016-002441	2158.04	WSW
29	WCR2016-002440	2158.04	WSW
29	WCR2016-002442	2158.04	WSW
30	WCR2016-002437	2161.60	SW
31	WCR2017-006223	2386.86	SSW
33	WCR0173376	2463.22	SE
33	WCR2007-010243	2463.22	SE
33	WCR2000-010374	2463.22	SE
33	WCR0207923	2463.22	SE
33	WCR0242785	2463.22	SE
33	WCR0202856	2463.22	SE
33	WCR1956-001639	2463.22	SE
33	WCR2013-010920	2463.22	SE
33	WCR2016-005415	2463.22	SE
33	WCR1980-009230	2463.22	SE
33	WCR2014-010167	2463.22	SE
33	WCR2000-012644	2463.22	SE
33	WCR1956-001638	2463.22	SE
33	WCR2016-005419	2463.22	SE
33	WCR0207924	2463.22	SE
33	WCR2002-014019	2463.22	SE
33	WCR0083215	2463.22	SE
33	WCR0148380	2463.22	SE
33	WCR1993-010781	2463.22	SE
33	WCR0313178	2463.22	SE
33	WCR0265353	2463.22	SE
33	WCR1918-000097	2463.22	SE
33	WCR2011-010496	2463.22	SE
33	WCR2014-010789	2463.22	SE
33	WCR1986-011601	2463.22	SE
33	WCR2014-009978	2463.22	SE
33	WCR2015-002155	2463.22	SE
33	WCR1918-000193	2463.22	SE
33	WCR2011-010497	2463.22	SE
33	WCR2018-001949	2463.22	SE
34	WCR2019-000253	2615.42	W
34	WCR2019-000252	2615.42	W
34	WCR2019-000249	2615.42	W
34	WCR2019-000258	2615.42	W
34	WCR2019-000245	2615.42	W
34	WCR2019-000246	2615.42	W
34	WCR2019-000250	2615.42	W
35	WCR2019-013210	2731.42	S
35	WCR2019-013211	2731.42	S
35	WCR2019-013212	2731.42	S
35	WCR2019-013206	2731.42	S

35	WCR2019-013209	2731.42	S
35	WCR2019-013205	2731.42	S
36	WCR2019-007636	2769.12	S
36	WCR2019-007639	2769.12	S
36	WCR2019-007640	2769.12	S
36	WCR2019-007638	2769.12	S
36	WCR2019-007626	2769.12	S
36	WCR2019-007753	2769.12	S
36	WCR2019-007634	2769.12	S
36	WCR2019-007621	2769.12	S
37	WCR2019-013383	2776.34	W
37	WCR2019-013200	2776.34	W
37	WCR2019-013332	2776.34	W
39	WCR2019-013213	2835.54	S
44	WCR2015-003862	3145.33	WNW
45	WCR2017-011460	3196.16	WNW
46	WCR2019-013201	3200.86	W
46	WCR2019-013330	3200.86	W
46	WCR2019-013203	3200.86	W
46	WCR2019-013328	3200.86	W
47	WCR2017-011461	3247.57	WNW
48	WCR2015-003819	3293.69	WNW
49	WCR2017-011459	3400.01	WNW
50	WCR2015-003884	3415.71	WNW
51	WCR2017-011462	3495.22	WNW
52	WCR2015-003863	3504.23	WNW
54	WCR0128581	3610.00	NNE
54	WCR1950-001937	3610.00	NNE
54	WCR0082976	3610.00	NNE
54	WCR1985-009693	3610.00	NNE
54	WCR0082974	3610.00	NNE
54	WCR0231076	3610.00	NNE
54	WCR0310746	3610.00	NNE
54	WCR0103452	3610.00	NNE
54	WCR0242434	3610.00	NNE
54	WCR1776-008040	3610.00	NNE
54	WCR0323318	3610.00	NNE
54	WCR0208999	3610.00	NNE
54	WCR2006-011588	3610.00	NNE
54	WCR2011-010001	3610.00	NNE
54	WCR2011-009998	3610.00	NNE
54	WCR2006-012675	3610.00	NNE
54	WCR2012-010962	3610.00	NNE
54	WCR0071509	3610.00	NNE
54	WCR0103725	3610.00	NNE
54	WCR0225099	3610.00	NNE
54	WCR2014-007475	3610.00	NNE
54	WCR1925-000154	3610.00	NNE
54	WCR0032098	3610.00	NNE
54	WCR0082975	3610.00	NNE
54	WCR0238634	3610.00	NNE
54	WCR1925-000382	3610.00	NNE
54	WCR2001-011491	3610.00	NNE
54	WCR2014-007477	3610.00	NNE
54	WCR2006-011587	3610.00	NNE
54	WCR2011-009999	3610.00	NNE
54	WCR2015-001058	3610.00	NNE
54	WCR2014-007470	3610.00	NNE
54	WCR2011-010000	3610.00	NNE
54	WCR2014-007476	3610.00	NNE
54	WCR2011-009996	3610.00	NNE
54	WCR2006-012676	3610.00	NNE
54	WCR2014-007471	3610.00	NNE
54	WCR2004-013756	3610.00	NNE
54	WCR2014-007472	3610.00	NNE
54	WCR2006-012674	3610.00	NNE

54	WCR2011-009997	3610.00	NNE
54	WCR0226451	3610.00	NNE
54	WCR0242799	3610.00	NNE
54	WCR2015-001060	3610.00	NNE
54	WCR2001-011492	3610.00	NNE
54	WCR0207546	3610.00	NNE
54	WCR1776-008015	3610.00	NNE
54	WCR0279047	3610.00	NNE
54	WCR1951-002030	3610.00	NNE
54	WCR1984-007095	3610.00	NNE
54	WCR2014-007473	3610.00	NNE
54	WCR2015-001059	3610.00	NNE
54	WCR2014-007474	3610.00	NNE
54	WCR0086376	3610.00	NNE
61	WCR0209100	3759.18	WSW
61	WCR0156974	3759.18	WSW
61	WCR0042561	3759.18	WSW
61	WCR0209000	3759.18	WSW
61	WCR2007-011742	3759.18	WSW
61	WCR0141303	3759.18	WSW
61	WCR1977-010374	3759.18	WSW
61	WCR1993-012460	3759.18	WSW
61	WCR0215969	3759.18	WSW
61	WCR1917-000155	3759.18	WSW
61	WCR0099026	3759.18	WSW
61	WCR1917-000077	3759.18	WSW
61	WCR1928-000284	3759.18	WSW
61	WCR1996-010232	3759.18	WSW
61	WCR2004-013690	3759.18	WSW
61	WCR1929-000487	3759.18	WSW
61	WCR2001-011496	3759.18	WSW
61	WCR2007-011743	3759.18	WSW
61	WCR2012-008508	3759.18	WSW
61	WCR1776-008043	3759.18	WSW
61	WCR2000-009793	3759.18	WSW
61	WCR1929-000231	3759.18	WSW
61	WCR1914-000054	3759.18	WSW
61	WCR2007-011744	3759.18	WSW
61	WCR1914-000143	3759.18	WSW
61	WCR2004-011954	3759.18	WSW
61	WCR1976-005725	3759.18	WSW
61	WCR1948-001058	3759.18	WSW
68	WCR2016-002014	4079.34	W
68	WCR2016-002005	4079.34	W
68	WCR2016-002010	4079.34	W
68	WCR2016-002004	4079.34	W
68	WCR2016-002015	4079.34	W
68	WCR2016-002009	4079.34	W
68	WCR2016-002013	4079.34	W
68	WCR2016-002011	4079.34	W
68	WCR2016-002007	4079.34	W
68	WCR2016-002006	4079.34	W
68	WCR2016-002012	4079.34	W
83	WCR0165839	4405.28	NW
83	WCR1776-011146	4405.28	NW
83	WCR0142503	4405.28	NW
83	WCR0211726	4405.28	NW
83	WCR0279895	4405.28	NW
83	WCR1776-011159	4405.28	NW
83	WCR0099025	4405.28	NW
83	WCR1776-011160	4405.28	NW
83	WCR1923-000088	4405.28	NW
83	WCR1776-008042	4405.28	NW
83	WCR1776-008041	4405.28	NW
83	WCR2001-011493	4405.28	NW
83	WCR2010-009752	4405.28	NW

Wells and Additional Sources Summary

83	WCR2016-001128	4405.28	NW
83	WCR2015-003860	4405.28	NW
83	WCR2010-009744	4405.28	NW
83	WCR2016-001129	4405.28	NW
83	WCR2015-001242	4405.28	NW
83	WCR2015-003861	4405.28	NW
83	WCR1923-000272	4405.28	NW
83	WCR2016-001127	4405.28	NW
83	WCR1998-009953	4405.28	NW
83	WCR2015-001241	4405.28	NW
83	WCR0026718	4405.28	NW
83	WCR0043986	4405.28	NW
83	WCR2010-009738	4405.28	NW
83	WCR2010-009750	4405.28	NW
83	WCR2015-001234	4405.28	NW
83	WCR2010-009751	4405.28	NW
83	WCR0154590	4405.28	NW
83	WCR2001-011494	4405.28	NW
83	WCR1946-000744	4405.28	NW
83	WCR2001-011495	4405.28	NW
83	WCR1946-000706	4405.28	NW
83	WCR2010-009745	4405.28	NW
85	WCR2019-000754	4576.88	ENE
86	WCR2021-006311	4579.92	N
87	WCR2019-000755	4668.19	ENE
88	WCR2020-010312	4879.24	N
89	WCR2016-004511	4952.29	SE
90	WCR2016-004513	4977.51	SE
91	WCR2018-003093	4982.66	SE
95	WCR2016-004509	5109.28	SE

Public Water Systems Violations and Enforcement Data

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
27	ENE	0.39	2,084.42	139.41	PWSV

Address Line 2:
State Code: CA
Zip Code: 90040
City Name: COMMERCE
Address Line 1: 5823 RICKENBACKER ROAD ROOM 1
PWS ID: CA1900994
PWS Type Code: CWS
PWS Type Description: Community Water System
Primary Source Code: GW
Primary Source Desc: Groundwater
PWS Activity Code: A
PWS Activity Description: Active
PWS Deactivation Date:
Phone Number: 310-457-6700

--Details--
Population Served Count: 240
City Served:
County Served: Los Angeles
State Served: CA
Zip Code Served:

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
78	WSW	0.82	4,342.11	141.02	PWSV

Address Line 2:
State Code: CA
Zip Code: 90270
City Name: MAYWOOD
Address Line 1: 6151 HELIOTROPE AVENUE
PWS ID: CA1910086
PWS Type Code: CWS
PWS Type Description: Community Water System
Primary Source Code: SWP
Primary Source Desc: Purchased Surface Water
PWS Activity Code: A
PWS Activity Description: Active
PWS Deactivation Date:
Phone Number: 323-560-3657

--Details--

Population Served Count: 9500
City Served:
County Served: Los Angeles
State Served: CA
Zip Code Served:

USGS National Water Information System

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
25	ENE	0.39	2,044.96	144.44	FED USGS

Organiz Identifier: USGS-CA
Organiz Name: USGS California Water Science Center
Well Depth: 1200
Well Depth Unit: ft
Well Hole Depth: 1200
W Hole Depth Unit: ft
Construction Date:
Source Map Scale: 24000
Monitoring Loc Name: 002S012W17Q001S
Monitoring Loc Identifier: USGS-335928118093301
Monitoring Loc Type: Well
Monitoring Loc Desc:
HUC Eight Digit Code: 18070105
Drainage Area:
Drainage Area Unit:
Contrib Drainage Area:
Contrib Drainage Area Unit:
Horizontal Accuracy: 1
Horizontal Accuracy Unit: seconds
Horizontal Collection Mthd: Interpolated from MAP.
Horiz Coord Refer System: NAD83
Vertical Measure:
Vertical Measure Unit:
Vertical Accuracy:
Vertical Accuracy Unit:
Vertical Collection Mthd:
Vert Coord Refer System:
Formation Type:
Aquifer Name: California Coastal Basin aquifers
Aquifer Type:
Country Code: US
Provider Name: NWIS
County: LOS ANGELES
Latitude: 33.9911248
Longitude: -118.1600705

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
32	S	0.45	2,401.38	141.38	FED USGS

Organiz Identifier: USGS-CA
Organiz Name: USGS California Water Science
Formation Type:
Aquifer Name: California Coastal Basin aquifers

	Center		
Well Depth:	1472	Aquifer Type:	
Well Depth Unit:	ft	Country Code:	US
Well Hole Depth:	1581	Provider Name:	NWIS
W Hole Depth Unit:	ft	County:	LOS ANGELES
Construction Date:		Latitude:	33.981125
Source Map Scale:	24000	Longitude:	-118.1667373
Monitoring Loc Name:	002S012W20M003S		
Monitoring Loc Identifier:	USGS-335852118095701		
Monitoring Loc Type:	Well		
Monitoring Loc Desc:			
HUC Eight Digit Code:	18070105		
Drainage Area:			
Drainage Area Unit:			
Contrib Drainage Area:			
Contrib Drainage Area Unit:			
Horizontal Accuracy:	1		
Horizontal Accuracy Unit:	seconds		
Horizontal Collection Mthd:	Interpolated from MAP.		
Horiz Coord Refer System:	NAD83		
Vertical Measure:			
Vertical Measure Unit:			
Vertical Accuracy:			
Vertical Accuracy Unit:			
Vertical Collection Mthd:			
Vert Coord Refer System:			

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
38	WNW	0.53	2,799.43	147.41	FED USGS

Organiz Identifier:	USGS-CA	Formation Type:	
Organiz Name:	USGS California Water Science Center	Aquifer Name:	California Coastal Basin aquifers
Well Depth:		Aquifer Type:	
Well Depth Unit:		Country Code:	US
Well Hole Depth:		Provider Name:	NWIS
W Hole Depth Unit:		County:	LOS ANGELES
Construction Date:		Latitude:	33.9897361
Source Map Scale:	24000	Longitude:	-118.1767377
Monitoring Loc Name:	002S012W18Q002S		
Monitoring Loc Identifier:	USGS-335923118103301		
Monitoring Loc Type:	Well		
Monitoring Loc Desc:			
HUC Eight Digit Code:	18070105		
Drainage Area:			
Drainage Area Unit:			

Contrib Drainage Area:
Contrib Drainage Area Unit:
Horizontal Accuracy: 1
Horizontal Accuracy Unit: seconds
Horizontal Collection Mthd: Interpolated from MAP.
Horiz Coord Refer System: NAD83
Vertical Measure:
Vertical Measure Unit:
Vertical Accuracy:
Vertical Accuracy Unit:
Vertical Collection Mthd:
Vert Coord Refer System:

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
42	W	0.58	3,058.68	146.41	FED USGS

Organiz Identifier: USGS-CA
Organiz Name: USGS California Water Science Center
Well Depth:
Well Depth Unit:
Well Hole Depth:
W Hole Depth Unit:
Construction Date:
Source Map Scale: 24000
Monitoring Loc Name: 002S012W19C001S
Monitoring Loc Identifier: USGS-335918118103701
Monitoring Loc Type: Well
Monitoring Loc Desc:
HUC Eight Digit Code: 18070105
Drainage Area:
Drainage Area Unit:
Contrib Drainage Area:
Contrib Drainage Area Unit:
Horizontal Accuracy: 1
Horizontal Accuracy Unit: seconds
Horizontal Collection Mthd: Interpolated from MAP.
Horiz Coord Refer System: NAD83
Vertical Measure:
Vertical Measure Unit:
Vertical Accuracy:
Vertical Accuracy Unit:
Vertical Collection Mthd:
Vert Coord Refer System:

Formation Type:
Aquifer Name: California Coastal Basin aquifers
Aquifer Type:
Country Code: US
Provider Name: NWIS
County: LOS ANGELES
Latitude: 33.9883472
Longitude: -118.1778488

Wells and Additional Sources Detail Report

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
56	SE	0.69	3,653.53	135.41	FED USGS

Organiz Identifier:	USGS-CA	Formation Type:	
Organiz Name:	USGS California Water Science Center	Aquifer Name:	California Coastal Basin aquifers
Well Depth:	540	Aquifer Type:	
Well Depth Unit:	ft	Country Code:	US
Well Hole Depth:	540	Provider Name:	NWIS
W Hole Depth Unit:	ft	County:	LOS ANGELES
Construction Date:		Latitude:	33.9814027
Source Map Scale:	24000	Longitude:	-118.1559036
Monitoring Loc Name:	002S012W20K002S		
Monitoring Loc Identifier:	USGS-335853118091801		
Monitoring Loc Type:	Well		
Monitoring Loc Desc:			
HUC Eight Digit Code:	18070105		
Drainage Area:			
Drainage Area Unit:			
Contrib Drainage Area:			
Contrib Drainage Area Unit:			
Horizontal Accuracy:	1		
Horizontal Accuracy Unit:	seconds		
Horizontal Collection Mthd:	Interpolated from MAP.		
Horiz Coord Refer System:	NAD83		
Vertical Measure:			
Vertical Measure Unit:			
Vertical Accuracy:			
Vertical Accuracy Unit:			
Vertical Collection Mthd:			
Vert Coord Refer System:			

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
93	N	0.95	5,035.14	150.66	FED USGS

Organiz Identifier:	USGS-CA	Formation Type:	
Organiz Name:	USGS California Water Science Center	Aquifer Name:	California Coastal Basin aquifers
Well Depth:	538	Aquifer Type:	
Well Depth Unit:	ft	Country Code:	US
Well Hole Depth:	550	Provider Name:	NWIS
W Hole Depth Unit:	ft	County:	LOS ANGELES
Construction Date:		Latitude:	34.0022357
Source Map Scale:	24000	Longitude:	-118.1672932
Monitoring Loc Name:	002S012W17D002S		

Wells and Additional Sources Detail Report

Monitoring Loc Identifier:	USGS-340008118095901
Monitoring Loc Type:	Well
Monitoring Loc Desc:	
HUC Eight Digit Code:	18070105
Drainage Area:	
Drainage Area Unit:	
Contrib Drainage Area:	
Contrib Drainage Area Unit:	
Horizontal Accuracy:	1
Horizontal Accuracy Unit:	seconds
Horizontal Collection Mthd:	Interpolated from MAP.
Horiz Coord Refer System:	NAD83
Vertical Measure:	
Vertical Measure Unit:	
Vertical Accuracy:	
Vertical Accuracy Unit:	
Vertical Collection Mthd:	
Vert Coord Refer System:	

Oil and Gas Wells

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
6	SSE	0.16	833.20	140.41	OGW

API No:	0403706004	Directional:	
All Well Key:		BLM Well:	
OP Well ID:		EPA Well:	
OID:		Operator Code:	C5640
Well No:	1	Operator Name:	Chevron U.S.A. Inc.
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:	Weiser	Section:	20
Elevation:		Township:	02S
Total Depth:		Range:	12W
Redrilled Depth:		Lat27:	
Redrill Cancel Flag:		Long27:	
Dryhole:		Lat83:	33.98535919
Confidential:		Long83:	-118.16568756
Confidential Well:	No	Base Meridian:	SB

Directional Drilled:	Yes	GIS Source Code:	hud
Hydr Fractured:			
Location:			
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
7	NW	0.17	883.95	145.41	OGW

API No:	0403727242	Directional:	
All Well Key:		BLM Well:	
OP Well ID:		EPA Well:	
OID:		Operator Code:	L0060
Well No:	1-2011	Operator Name:	Los Angeles Unified School District
Well Status:	Plugged	Operator St:	
Well Stat Desc:	Plugged	County APIC:	
Well Type:	OG	District:	Southern
Well Type Desc:	OG	Geo District:	
Well Symbol:	PluggedOG	Field Code:	
Well Sym Desc:		Field Name:	Bandini
Release Date:		Area Code:	
Completion Date:		Area Name:	Any Area
Abandoned Date:		County Name:	Los Angeles
Lease Name:	Unknown	Section:	18
Elevation:		Township:	02S
Total Depth:		Range:	12W
Redrilled Depth:		Lat27:	
Redrill Cancel Flag:		Long27:	
Dryhole:		Lat83:	33.99023438
Confidential:		Long83:	-118.16941833
Confidential Well:	No	Base Meridian:	SB
Directional Drilled:	No	GIS Source Code:	Operator
Hydr Fractured:			
Location:			
Source83 Desc:	OPERATOR		
URL:			

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
14	NNE	0.30	1,608.47	142.41	OGW

API No:	0403700868	Directional:	
All Well Key:		BLM Well:	
OP Well ID:		EPA Well:	
OID:		Operator Code:	09097
Well No:	1	Operator Name:	West American Oil Co.
Well Status:	Plugged	Operator St:	

Well Stat Desc:	Plugged	County APIC:	
Well Type:	OG	District:	Southern
Well Type Desc:	OG	Geo District:	
Well Symbol:	PluggedOG	Field Code:	
Well Sym Desc:		Field Name:	Bandini
Release Date:		Area Code:	
Completion Date:		Area Name:	Any Area
Abandoned Date:		County Name:	Los Angeles
Lease Name:	Bandini	Section:	17
Elevation:		Township:	02S
Total Depth:		Range:	12W
Redrilled Depth:		Lat27:	
Redrill Cancel Flag:		Long27:	
Dryhole:		Lat83:	33.99234772
Confidential:		Long83:	-118.1651001
Confidential Well:	No	Base Meridian:	SB
Directional Drilled:	No	GIS Source Code:	hud
Hydr Fractured:			
Location:			
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
17	NW	0.31	1,638.99	146.41	OGW

API No:	0403700864	Directional:	
All Well Key:		BLM Well:	
OP Well ID:		EPA Well:	
OID:		Operator Code:	E3700
Well No:	1	Operator Name:	Exxon Mobil Corporation
Well Status:	Plugged	Operator St:	
Well Stat Desc:	Plugged	County APIC:	
Well Type:	OG	District:	Southern
Well Type Desc:	OG	Geo District:	
Well Symbol:	PluggedOG	Field Code:	
Well Sym Desc:		Field Name:	Bandini
Release Date:		Area Code:	
Completion Date:		Area Name:	Any Area
Abandoned Date:		County Name:	Los Angeles
Lease Name:	Arcadia	Section:	18
Elevation:		Township:	02S
Total Depth:		Range:	12W
Redrilled Depth:		Lat27:	
Redrill Cancel Flag:		Long27:	
Dryhole:		Lat83:	33.99153137
Confidential:		Long83:	-118.17139435

Confidential Well:	No	Base Meridian:	SB
Directional Drilled:	No	GIS Source Code:	hud
Hydr Fractured:			
Location:			
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
20	NE	0.34	1,789.14	145.29	OGW

API No:	0403700835	Directional:	
All Well Key:		BLM Well:	
OP Well ID:		EPA Well:	
OID:		Operator Code:	00894
Well No:	1	Operator Name:	Bradford Bishop
Well Status:	Plugged	Operator St:	
Well Stat Desc:	Plugged	County APIC:	
Well Type:	OG	District:	Southern
Well Type Desc:	OG	Geo District:	
Well Symbol:	PluggedOG	Field Code:	
Well Sym Desc:		Field Name:	Bandini
Release Date:		Area Code:	
Completion Date:		Area Name:	Any Area
Abandoned Date:		County Name:	Los Angeles
Lease Name:	Bishop-Standard Cwod	Section:	17
Elevation:		Township:	02S
Total Depth:		Range:	12W
Redrilled Depth:		Lat27:	
Redrill Cancel Flag:		Long27:	
Dryhole:		Lat83:	33.99143982
Confidential:		Long83:	-118.16162109
Confidential Well:	No	Base Meridian:	SB
Directional Drilled:	No	GIS Source Code:	hud
Hydr Fractured:			
Location:			
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
28	SW	0.40	2,094.10	135.47	OGW

API No:	0403721008	Directional:	
All Well Key:		BLM Well:	
OP Well ID:		EPA Well:	
OID:		Operator Code:	C5640
Well No:	1	Operator Name:	Chevron U.S.A. Inc.

Wells and Additional Sources Detail Report

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:	M-W Unit One	Section:	19
Elevation:		Township:	02S
Total Depth:		Range:	12W
Redrilled Depth:		Lat27:	
Redrill Cancel Flag:		Long27:	
Dryhole:		Lat83:	33.98311615
Confidential:		Long83:	-118.17163849
Confidential Well:	No	Base Meridian:	SB
Directional Drilled:	Yes	GIS Source Code:	hud
Hydr Fractured:			
Location:			
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	NE	0.58	3,050.98	142.41	OGW

API No:	0403700840	Directional:	
All Well Key:		BLM Well:	
OP Well ID:		EPA Well:	
OID:		Operator Code:	G1200
Well No:	2A	Operator Name:	General Exploration Co.
Well Status:	Plugged	Operator St:	
Well Stat Desc:	Plugged	County APIC:	
Well Type:	OG	District:	Southern
Well Type Desc:	OG	Geo District:	
Well Symbol:	PluggedOG	Field Code:	
Well Sym Desc:		Field Name:	Bandini
Release Date:		Area Code:	
Completion Date:		Area Name:	Any Area
Abandoned Date:		County Name:	Los Angeles
Lease Name:	C.W.O.D.	Section:	17
Elevation:		Township:	02S
Total Depth:		Range:	12W
Redrilled Depth:		Lat27:	
Redrill Cancel Flag:		Long27:	
Dryhole:		Lat83:	33.99486923

Confidential:		Long83:	-118.16027069
Confidential Well:	No	Base Meridian:	SB
Directional Drilled:	Yes	GIS Source Code:	hud
Hydr Fractured:			
Location:			
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
41	NE	0.58	3,055.92	142.41	OGW

API No:	0403700044	Directional:	
All Well Key:		BLM Well:	
OP Well ID:		EPA Well:	
OID:		Operator Code:	G1200
Well No:	2	Operator Name:	General Exploration Co.
Well Status:	Plugged	Operator St:	
Well Stat Desc:	Plugged	County APIC:	
Well Type:	OG	District:	Southern
Well Type Desc:	OG	Geo District:	
Well Symbol:	PluggedOG	Field Code:	
Well Sym Desc:		Field Name:	Bandini
Release Date:		Area Code:	
Completion Date:		Area Name:	Any Area
Abandoned Date:		County Name:	Los Angeles
Lease Name:	C.W.O.D.	Section:	17
Elevation:		Township:	02S
Total Depth:		Range:	12W
Redrilled Depth:		Lat27:	
Redrill Cancel Flag:		Long27:	
Dryhole:		Lat83:	33.99489975
Confidential:		Long83:	-118.16030121
Confidential Well:	No	Base Meridian:	SB
Directional Drilled:	No	GIS Source Code:	hud
Hydr Fractured:			
Location:			
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
43	NE	0.58	3,060.13	142.41	OGW

API No:	0403700860	Directional:	
All Well Key:		BLM Well:	
OP Well ID:		EPA Well:	
OID:		Operator Code:	G1200

Wells and Additional Sources Detail Report

Well No:	24	Operator Name:	General Exploration Co.
Well Status:	Plugged	Operator St:	
Well Stat Desc:	Plugged	County APIC:	
Well Type:	OG	District:	Southern
Well Type Desc:	OG	Geo District:	
Well Symbol:	PluggedOG	Field Code:	
Well Sym Desc:		Field Name:	Bandini
Release Date:		Area Code:	
Completion Date:		Area Name:	Any Area
Abandoned Date:		County Name:	Los Angeles
Lease Name:	C.W.O.D.	Section:	17
Elevation:		Township:	02S
Total Depth:		Range:	12W
Redrilled Depth:		Lat27:	
Redrill Cancel Flag:		Long27:	
Dryhole:		Lat83:	33.99500275
Confidential:		Long83:	-118.16049194
Confidential Well:	No	Base Meridian:	SB
Directional Drilled:	Yes	GIS Source Code:	hud
Hydr Fractured:			
Location:			
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	0.68	3,595.04	137.41	OGW

API No:	0403706230	Directional:	
All Well Key:		BLM Well:	
OP Well ID:		EPA Well:	
OID:		Operator Code:	09097
Well No:	2	Operator Name:	West American 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:	Bandini	Section:	20
Elevation:		Township:	02S
Total Depth:		Range:	12W
Redrilled Depth:		Lat27:	
Redrill Cancel Flag:		Long27:	

Dryhole:		Lat83:	33.9794426
Confidential:		Long83:	-118.15872192
Confidential Well:	No	Base Meridian:	SB
Directional Drilled:	No	GIS Source Code:	hud
Hydr Fractured:			
Location:			
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
55	NE	0.69	3,618.82	142.41	OGW

API No:	0403700045	Directional:	
All Well Key:		BLM Well:	
OP Well ID:		EPA Well:	
OID:		Operator Code:	G1200
Well No:	6	Operator Name:	General Exploration Co.
Well Status:	Plugged	Operator St:	
Well Stat Desc:	Plugged	County APIC:	
Well Type:	OG	District:	Southern
Well Type Desc:	OG	Geo District:	
Well Symbol:	PluggedOG	Field Code:	
Well Sym Desc:		Field Name:	Bandini
Release Date:		Area Code:	
Completion Date:		Area Name:	Any Area
Abandoned Date:		County Name:	Los Angeles
Lease Name:	C.W.O.D.	Section:	17
Elevation:		Township:	02S
Total Depth:		Range:	12W
Redrilled Depth:		Lat27:	
Redrill Cancel Flag:		Long27:	
Dryhole:		Lat83:	33.99608231
Confidential:		Long83:	-118.15905762
Confidential Well:	No	Base Meridian:	SB
Directional Drilled:	No	GIS Source Code:	hud
Hydr Fractured:			
Location:			
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
57	N	0.70	3,673.54	147.66	OGW

API No:	0403700841	Directional:	
All Well Key:		BLM Well:	
OP Well ID:		EPA Well:	

Wells and Additional Sources Detail Report

OID:		Operator Code:	G1200
Well No:	3	Operator Name:	General Exploration Co.
Well Status:	Plugged	Operator St:	
Well Stat Desc:	Plugged	County APIC:	
Well Type:	OG	District:	Southern
Well Type Desc:	OG	Geo District:	
Well Symbol:	PluggedOG	Field Code:	
Well Sym Desc:		Field Name:	Bandini
Release Date:		Area Code:	
Completion Date:		Area Name:	Any Area
Abandoned Date:		County Name:	Los Angeles
Lease Name:	C.W.O.D.	Section:	17
Elevation:		Township:	02S
Total Depth:		Range:	12W
Redrilled Depth:		Lat27:	
Redrill Cancel Flag:		Long27:	
Dryhole:		Lat83:	33.99837875
Confidential:		Long83:	-118.16567993
Confidential Well:	No	Base Meridian:	SB
Directional Drilled:	Yes	GIS Source Code:	hud
Hydr Fractured:			
Location:			
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
58	N	0.70	3,678.36	147.67	OGW

API No:	0403700842	Directional:	
All Well Key:		BLM Well:	
OP Well ID:		EPA Well:	
OID:		Operator Code:	G1200
Well No:	4	Operator Name:	General Exploration Co.
Well Status:	Plugged	Operator St:	
Well Stat Desc:	Plugged	County APIC:	
Well Type:	OG	District:	Southern
Well Type Desc:	OG	Geo District:	
Well Symbol:	PluggedOG	Field Code:	
Well Sym Desc:		Field Name:	Bandini
Release Date:		Area Code:	
Completion Date:		Area Name:	Any Area
Abandoned Date:		County Name:	Los Angeles
Lease Name:	C.W.O.D.	Section:	17
Elevation:		Township:	02S
Total Depth:		Range:	12W
Redrilled Depth:		Lat27:	

Redrill Cancel Flag:		Long27:	
Dryhole:		Lat83:	33.99840164
Confidential:		Long83:	-118.16575623
Confidential Well:	No	Base Meridian:	SB
Directional Drilled:	Yes	GIS Source Code:	hud
Hydr Fractured:			
Location:			
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
59	N	0.70	3,684.40	147.75	OGW

API No:	0403700843	Directional:	
All Well Key:		BLM Well:	
OP Well ID:		EPA Well:	
OID:		Operator Code:	G1200
Well No:	5	Operator Name:	General Exploration Co.
Well Status:	Plugged	Operator St:	
Well Stat Desc:	Plugged	County APIC:	
Well Type:	OG	District:	Southern
Well Type Desc:	OG	Geo District:	
Well Symbol:	PluggedOG	Field Code:	
Well Sym Desc:		Field Name:	Bandini
Release Date:		Area Code:	
Completion Date:		Area Name:	Any Area
Abandoned Date:		County Name:	Los Angeles
Lease Name:	C.W.O.D.	Section:	17
Elevation:		Township:	02S
Total Depth:		Range:	12W
Redrilled Depth:		Lat27:	
Redrill Cancel Flag:		Long27:	
Dryhole:		Lat83:	33.99842834
Confidential:		Long83:	-118.16584015
Confidential Well:	No	Base Meridian:	SB
Directional Drilled:	Yes	GIS Source Code:	hud
Hydr Fractured:			
Location:			
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
60	N	0.70	3,690.34	147.74	OGW

API No:	0403700839	Directional:	
All Well Key:		BLM Well:	

Wells and Additional Sources Detail Report

OP Well ID:		EPA Well:	
OID:		Operator Code:	G1200
Well No:	1	Operator Name:	General Exploration Co.
Well Status:	Plugged	Operator St:	
Well Stat Desc:	Plugged	County APIC:	
Well Type:	OG	District:	Southern
Well Type Desc:	OG	Geo District:	
Well Symbol:	PluggedOG	Field Code:	
Well Sym Desc:		Field Name:	Bandini
Release Date:		Area Code:	
Completion Date:		Area Name:	Any Area
Abandoned Date:		County Name:	Los Angeles
Lease Name:	C.W.O.D.	Section:	17
Elevation:		Township:	02S
Total Depth:		Range:	12W
Redrilled Depth:		Lat27:	
Redrill Cancel Flag:		Long27:	
Dryhole:		Lat83:	33.99842834
Confidential:		Long83:	-118.16570282
Confidential Well:	No	Base Meridian:	SB
Directional Drilled:	Yes	GIS Source Code:	hud
Hydr Fractured:			
Location:			
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
62	N	0.75	3,950.02	146.12	OGW

API No:	0403700850	Directional:	
All Well Key:		BLM Well:	
OP Well ID:		EPA Well:	
OID:		Operator Code:	G1200
Well No:	13	Operator Name:	General Exploration Co.
Well Status:	Plugged	Operator St:	
Well Stat Desc:	Plugged	County APIC:	
Well Type:	OG	District:	Southern
Well Type Desc:	OG	Geo District:	
Well Symbol:	PluggedOG	Field Code:	
Well Sym Desc:		Field Name:	Bandini
Release Date:		Area Code:	
Completion Date:		Area Name:	Any Area
Abandoned Date:		County Name:	Los Angeles
Lease Name:	C.W.O.D.	Section:	17
Elevation:		Township:	02S
Total Depth:		Range:	12W

Redrilled Depth:		Lat27:	
Redrill Cancel Flag:		Long27:	
Dryhole:		Lat83:	33.99909592
Confidential:		Long83:	-118.16529083
Confidential Well:	No	Base Meridian:	SB
Directional Drilled:	Yes	GIS Source Code:	hud
Hydr Fractured:			
Location:			
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
63	N	0.75	3,976.61	146.17	OGW

API No:	0403700846	Directional:	
All Well Key:		BLM Well:	
OP Well ID:		EPA Well:	
OID:		Operator Code:	G1200
Well No:	9	Operator Name:	General Exploration Co.
Well Status:	Plugged	Operator St:	
Well Stat Desc:	Plugged	County APIC:	
Well Type:	OG	District:	Southern
Well Type Desc:	OG	Geo District:	
Well Symbol:	PluggedOG	Field Code:	
Well Sym Desc:		Field Name:	Bandini
Release Date:		Area Code:	
Completion Date:		Area Name:	Any Area
Abandoned Date:		County Name:	Los Angeles
Lease Name:	C.W.O.D.	Section:	17
Elevation:		Township:	02S
Total Depth:		Range:	12W
Redrilled Depth:		Lat27:	
Redrill Cancel Flag:		Long27:	
Dryhole:		Lat83:	33.99916458
Confidential:		Long83:	-118.16525269
Confidential Well:	No	Base Meridian:	SB
Directional Drilled:	No	GIS Source Code:	hud
Hydr Fractured:			
Location:			
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
64	ENE	0.75	3,981.99	140.41	OGW

API No:	0403726316	Directional:	

Wells and Additional Sources Detail Report

All Well Key:		BLM Well:	
OP Well ID:		EPA Well:	
OID:		Operator Code:	C5640
Well No:	18	Operator Name:	Chevron U.S.A. Inc.
Well Status:	Idle	Operator St:	
Well Stat Desc:	Idle	County APIC:	
Well Type:	CH	District:	Southern
Well Type Desc:	CH	Geo District:	
Well Symbol:	IdleCH	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:	VS Core Hole	Section:	17
Elevation:		Township:	02S
Total Depth:		Range:	12W
Redrilled Depth:		Lat27:	
Redrill Cancel Flag:		Long27:	
Dryhole:		Lat83:	33.991504
Confidential:		Long83:	-118.153068
Confidential Well:	No	Base Meridian:	SB
Directional Drilled:	No	GIS Source Code:	Unknown
Hydr Fractured:			
Location:			
Source83 Desc:	UNKNOWN		
URL:			

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
65	N	0.77	4,050.74	145.87	OGW

API No:	0403700859	Directional:	
All Well Key:		BLM Well:	
OP Well ID:		EPA Well:	
OID:		Operator Code:	G1200
Well No:	23	Operator Name:	General Exploration Co.
Well Status:	Plugged	Operator St:	
Well Stat Desc:	Plugged	County APIC:	
Well Type:	OG	District:	Southern
Well Type Desc:	OG	Geo District:	
Well Symbol:	PluggedOG	Field Code:	
Well Sym Desc:		Field Name:	Bandini
Release Date:		Area Code:	
Completion Date:		Area Name:	Any Area
Abandoned Date:		County Name:	Los Angeles
Lease Name:	C.W.O.D.	Section:	17
Elevation:		Township:	02S

Total Depth:		Range:	12W
Redrilled Depth:		Lat27:	
Redrill Cancel Flag:		Long27:	
Dryhole:		Lat83:	33.99935913
Confidential:		Long83:	-118.16516876
Confidential Well:	No	Base Meridian:	SB
Directional Drilled:	Yes	GIS Source Code:	hud
Hydr Fractured:			
Location:			
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
66	ENE	0.77	4,059.01	141.41	OGW

API No:	0403700861	Directional:	
All Well Key:		BLM Well:	
OP Well ID:		EPA Well:	
OID:		Operator Code:	G1200
Well No:	25	Operator Name:	General Exploration Co.
Well Status:	Plugged	Operator St:	
Well Stat Desc:	Plugged	County APIC:	
Well Type:	OG	District:	Southern
Well Type Desc:	OG	Geo District:	
Well Symbol:	PluggedOG	Field Code:	
Well Sym Desc:		Field Name:	Bandini
Release Date:		Area Code:	
Completion Date:		Area Name:	Any Area
Abandoned Date:		County Name:	Los Angeles
Lease Name:	C.W.O.D.	Section:	17
Elevation:		Township:	02S
Total Depth:		Range:	12W
Redrilled Depth:		Lat27:	
Redrill Cancel Flag:		Long27:	
Dryhole:		Lat83:	33.99270248
Confidential:		Long83:	-118.15342712
Confidential Well:	No	Base Meridian:	SB
Directional Drilled:	No	GIS Source Code:	hud
Hydr Fractured:			
Location:			
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
67	N	0.77	4,077.77	145.87	OGW

Wells and Additional Sources Detail Report

API No:	0403700856	Directional:	
All Well Key:		BLM Well:	
OP Well ID:		EPA Well:	
OID:		Operator Code:	G1200
Well No:	20	Operator Name:	General Exploration Co.
Well Status:	Plugged	Operator St:	
Well Stat Desc:	Plugged	County APIC:	
Well Type:	OG	District:	Southern
Well Type Desc:	OG	Geo District:	
Well Symbol:	PluggedOG	Field Code:	
Well Sym Desc:		Field Name:	Bandini
Release Date:		Area Code:	
Completion Date:		Area Name:	Any Area
Abandoned Date:		County Name:	Los Angeles
Lease Name:	C.W.O.D.	Section:	17
Elevation:		Township:	02S
Total Depth:		Range:	12W
Redrilled Depth:		Lat27:	
Redrill Cancel Flag:		Long27:	
Dryhole:		Lat83:	33.9994278
Confidential:		Long83:	-118.16512299
Confidential Well:	No	Base Meridian:	SB
Directional Drilled:	No	GIS Source Code:	hud
Hydr Fractured:			
Location:			
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
69	N	0.78	4,101.27	145.20	OGW

API No:	0403700849	Directional:	
All Well Key:		BLM Well:	
OP Well ID:		EPA Well:	
OID:		Operator Code:	G1200
Well No:	12	Operator Name:	General Exploration Co.
Well Status:	Plugged	Operator St:	
Well Stat Desc:	Plugged	County APIC:	
Well Type:	OG	District:	Southern
Well Type Desc:	OG	Geo District:	
Well Symbol:	PluggedOG	Field Code:	
Well Sym Desc:		Field Name:	Bandini
Release Date:		Area Code:	
Completion Date:		Area Name:	Any Area
Abandoned Date:		County Name:	Los Angeles
Lease Name:	C.W.O.D.	Section:	17

Elevation:		Township:	02S
Total Depth:		Range:	12W
Redrilled Depth:		Lat27:	
Redrill Cancel Flag:		Long27:	
Dryhole:		Lat83:	33.99948883
Confidential:		Long83:	-118.16509247
Confidential Well:	No	Base Meridian:	SB
Directional Drilled:	Yes	GIS Source Code:	hud
Hydr Fractured:			
Location:			
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
70	N	0.78	4,124.36	145.30	OGW

API No:	0403700845	Directional:	
All Well Key:		BLM Well:	
OP Well ID:		EPA Well:	
OID:		Operator Code:	G1200
Well No:	8-C	Operator Name:	General Exploration Co.
Well Status:	Plugged	Operator St:	
Well Stat Desc:	Plugged	County APIC:	
Well Type:	OG	District:	Southern
Well Type Desc:	OG	Geo District:	
Well Symbol:	PluggedOG	Field Code:	
Well Sym Desc:		Field Name:	Bandini
Release Date:		Area Code:	
Completion Date:		Area Name:	Any Area
Abandoned Date:		County Name:	Los Angeles
Lease Name:	C.W.O.D.	Section:	17
Elevation:		Township:	02S
Total Depth:		Range:	12W
Redrilled Depth:		Lat27:	
Redrill Cancel Flag:		Long27:	
Dryhole:		Lat83:	33.99954987
Confidential:		Long83:	-118.16506958
Confidential Well:	No	Base Meridian:	SB
Directional Drilled:	Yes	GIS Source Code:	hud
Hydr Fractured:			
Location:			
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
71	N	0.79	4,153.74	145.30	OGW

Wells and Additional Sources Detail Report

API No:	0403700855	Directional:	
All Well Key:		BLM Well:	
OP Well ID:		EPA Well:	
OID:		Operator Code:	G1200
Well No:	19	Operator Name:	General Exploration Co.
Well Status:	Plugged	Operator St:	
Well Stat Desc:	Plugged	County APIC:	
Well Type:	OG	District:	Southern
Well Type Desc:	OG	Geo District:	
Well Symbol:	PluggedOG	Field Code:	
Well Sym Desc:		Field Name:	Bandini
Release Date:		Area Code:	
Completion Date:		Area Name:	Any Area
Abandoned Date:		County Name:	Los Angeles
Lease Name:	C.W.O.D.	Section:	17
Elevation:		Township:	02S
Total Depth:		Range:	12W
Redrilled Depth:		Lat27:	
Redrill Cancel Flag:		Long27:	
Dryhole:		Lat83:	33.99962616
Confidential:		Long83:	-118.16503143
Confidential Well:	No	Base Meridian:	SB
Directional Drilled:	Yes	GIS Source Code:	hud
Hydr Fractured:			
Location:			
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
72	N	0.80	4,221.15	145.51	OGW

API No:	0403700852	Directional:	
All Well Key:		BLM Well:	
OP Well ID:		EPA Well:	
OID:		Operator Code:	G1200
Well No:	15	Operator Name:	General Exploration Co.
Well Status:	Plugged	Operator St:	
Well Stat Desc:	Plugged	County APIC:	
Well Type:	OG	District:	Southern
Well Type Desc:	OG	Geo District:	
Well Symbol:	PluggedOG	Field Code:	
Well Sym Desc:		Field Name:	Bandini
Release Date:		Area Code:	
Completion Date:		Area Name:	Any Area
Abandoned Date:		County Name:	Los Angeles

Wells and Additional Sources Detail Report

Lease Name:	C.W.O.D.	Section:	17
Elevation:		Township:	02S
Total Depth:		Range:	12W
Redrilled Depth:		Lat27:	
Redrill Cancel Flag:		Long27:	
Dryhole:		Lat83:	33.99980164
Confidential:		Long83:	-118.16494751
Confidential Well:	No	Base Meridian:	SB
Directional Drilled:	Yes	GIS Source Code:	hud
Hydr Fractured:			
Location:			
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
73	WNW	0.80	4,240.79	158.29	OGW

API No:	0403700867	Directional:	
All Well Key:		BLM Well:	
OP Well ID:		EPA Well:	
OID:		Operator Code:	U0200
Well No:	1	Operator Name:	Union Oil Company of California
Well Status:	Plugged	Operator St:	
Well Stat Desc:	Plugged	County APIC:	
Well Type:	OG	District:	Southern
Well Type Desc:	OG	Geo District:	
Well Symbol:	PluggedOG	Field Code:	
Well Sym Desc:		Field Name:	Bandini
Release Date:		Area Code:	
Completion Date:		Area Name:	Any Area
Abandoned Date:		County Name:	Los Angeles
Lease Name:	Los Nietos C.C.M.O., Et Al	Section:	18
Elevation:		Township:	02S
Total Depth:		Range:	12W
Redrilled Depth:		Lat27:	
Redrill Cancel Flag:		Long27:	
Dryhole:		Lat83:	33.99455643
Confidential:		Long83:	-118.17938995
Confidential Well:	No	Base Meridian:	SB
Directional Drilled:	Yes	GIS Source Code:	hud
Hydr Fractured:			
Location:			
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

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
74	N	0.81	4,253.30	145.70	OGW

API No:	0403700847	Directional:	
All Well Key:		BLM Well:	
OP Well ID:		EPA Well:	
OID:		Operator Code:	G1200
Well No:	10	Operator Name:	General Exploration Co.
Well Status:	Plugged	Operator St:	
Well Stat Desc:	Plugged	County APIC:	
Well Type:	OG	District:	Southern
Well Type Desc:	OG	Geo District:	
Well Symbol:	PluggedOG	Field Code:	
Well Sym Desc:		Field Name:	Bandini
Release Date:		Area Code:	
Completion Date:		Area Name:	Any Area
Abandoned Date:		County Name:	Los Angeles
Lease Name:	C.W.O.D.	Section:	17
Elevation:		Township:	02S
Total Depth:		Range:	12W
Redrilled Depth:		Lat27:	
Redrill Cancel Flag:		Long27:	
Dryhole:		Lat83:	33.99988556
Confidential:		Long83:	-118.16490936
Confidential Well:	No	Base Meridian:	SB
Directional Drilled:	Yes	GIS Source Code:	hud
Hydr Fractured:			
Location:			
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
75	N	0.81	4,276.83	145.79	OGW

API No:	0403700844	Directional:	
All Well Key:		BLM Well:	
OP Well ID:		EPA Well:	
OID:		Operator Code:	G1200
Well No:	7	Operator Name:	General Exploration Co.
Well Status:	Plugged	Operator St:	
Well Stat Desc:	Plugged	County APIC:	
Well Type:	OG	District:	Southern
Well Type Desc:	OG	Geo District:	
Well Symbol:	PluggedOG	Field Code:	
Well Sym Desc:		Field Name:	Bandini
Release Date:		Area Code:	
Completion Date:		Area Name:	Any Area

Wells and Additional Sources Detail Report

Abandoned Date:		County Name:	Los Angeles
Lease Name:	C.W.O.D.	Section:	17
Elevation:		Township:	02S
Total Depth:		Range:	12W
Redrilled Depth:		Lat27:	
Redrill Cancel Flag:		Long27:	
Dryhole:		Lat83:	33.99994659
Confidential:		Long83:	-118.16487885
Confidential Well:	No	Base Meridian:	SB
Directional Drilled:	Yes	GIS Source Code:	hud
Hydr Fractured:			
Location:			
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
76	N	0.81	4,298.58	145.85	OGW

API No:	0403700851	Directional:	
All Well Key:		BLM Well:	
OP Well ID:		EPA Well:	
OID:		Operator Code:	G1200
Well No:	14-F	Operator Name:	General Exploration Co.
Well Status:	Plugged	Operator St:	
Well Stat Desc:	Plugged	County APIC:	
Well Type:	OG	District:	Southern
Well Type Desc:	OG	Geo District:	
Well Symbol:	PluggedOG	Field Code:	
Well Sym Desc:		Field Name:	Bandini
Release Date:		Area Code:	
Completion Date:		Area Name:	Any Area
Abandoned Date:		County Name:	Los Angeles
Lease Name:	C.W.O.D.	Section:	17
Elevation:		Township:	02S
Total Depth:		Range:	12W
Redrilled Depth:		Lat27:	
Redrill Cancel Flag:		Long27:	
Dryhole:		Lat83:	34.00000381
Confidential:		Long83:	-118.16485596
Confidential Well:	No	Base Meridian:	SB
Directional Drilled:	Yes	GIS Source Code:	hud
Hydr Fractured:			
Location:			
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

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
77	N	0.82	4,320.77	145.85	OGW

API No:	0403700854	Directional:	
All Well Key:		BLM Well:	
OP Well ID:		EPA Well:	
OID:		Operator Code:	G1200
Well No:	18	Operator Name:	General Exploration Co.
Well Status:	Plugged	Operator St:	
Well Stat Desc:	Plugged	County APIC:	
Well Type:	OG	District:	Southern
Well Type Desc:	OG	Geo District:	
Well Symbol:	PluggedOG	Field Code:	
Well Sym Desc:		Field Name:	Bandini
Release Date:		Area Code:	
Completion Date:		Area Name:	Any Area
Abandoned Date:		County Name:	Los Angeles
Lease Name:	C.W.O.D.	Section:	17
Elevation:		Township:	02S
Total Depth:		Range:	12W
Redrilled Depth:		Lat27:	
Redrill Cancel Flag:		Long27:	
Dryhole:		Lat83:	34.00006104
Confidential:		Long83:	-118.16482544
Confidential Well:	No	Base Meridian:	SB
Directional Drilled:	Yes	GIS Source Code:	hud
Hydr Fractured:			
Location:			
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
79	N	0.82	4,352.45	145.74	OGW

API No:	0403700858	Directional:	
All Well Key:		BLM Well:	
OP Well ID:		EPA Well:	
OID:		Operator Code:	G1200
Well No:	22	Operator Name:	General Exploration Co.
Well Status:	Plugged	Operator St:	
Well Stat Desc:	Plugged	County APIC:	
Well Type:	OG	District:	Southern
Well Type Desc:	OG	Geo District:	
Well Symbol:	PluggedOG	Field Code:	
Well Sym Desc:		Field Name:	Bandini
Release Date:		Area Code:	

Completion Date:		Area Name:	Any Area
Abandoned Date:		County Name:	Los Angeles
Lease Name:	C.W.O.D.	Section:	17
Elevation:		Township:	02S
Total Depth:		Range:	12W
Redrilled Depth:		Lat27:	
Redrill Cancel Flag:		Long27:	
Dryhole:		Lat83:	34.00014114
Confidential:		Long83:	-118.16477203
Confidential Well:	No	Base Meridian:	SB
Directional Drilled:	Yes	GIS Source Code:	hud
Hydr Fractured:			
Location:			
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
80	N	0.83	4,379.65	145.95	OGW

API No:	0403700857	Directional:	
All Well Key:		BLM Well:	
OP Well ID:		EPA Well:	
OID:		Operator Code:	G1200
Well No:	21	Operator Name:	General Exploration Co.
Well Status:	Plugged	Operator St:	
Well Stat Desc:	Plugged	County APIC:	
Well Type:	OG	District:	Southern
Well Type Desc:	OG	Geo District:	
Well Symbol:	PluggedOG	Field Code:	
Well Sym Desc:		Field Name:	Bandini
Release Date:		Area Code:	
Completion Date:		Area Name:	Any Area
Abandoned Date:		County Name:	Los Angeles
Lease Name:	C.W.O.D.	Section:	17
Elevation:		Township:	02S
Total Depth:		Range:	12W
Redrilled Depth:		Lat27:	
Redrill Cancel Flag:		Long27:	
Dryhole:		Lat83:	34.00021362
Confidential:		Long83:	-118.16474915
Confidential Well:	No	Base Meridian:	SB
Directional Drilled:	Yes	GIS Source Code:	hud
Hydr Fractured:			
Location:			
Source83 Desc:	Heads Up Digitized - Coordinates generated from scanned, geo-referenced, static scale, Mylar maps		
URL:			

Wells and Additional Sources Detail Report

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
81	ENE	0.83	4,389.88	142.41	OGW

API No:	0403700836	Directional:	
All Well Key:		BLM Well:	
OP Well ID:		EPA Well:	
OID:		Operator Code:	00894
Well No:	3	Operator Name:	Bradford Bishop
Well Status:	Plugged	Operator St:	
Well Stat Desc:	Plugged	County APIC:	
Well Type:	OG	District:	Southern
Well Type Desc:	OG	Geo District:	
Well Symbol:	PluggedOG	Field Code:	
Well Sym Desc:		Field Name:	Bandini
Release Date:		Area Code:	
Completion Date:		Area Name:	Any Area
Abandoned Date:		County Name:	Los Angeles
Lease Name:	Santa Fe	Section:	17
Elevation:		Township:	02S
Total Depth:		Range:	12W
Redrilled Depth:		Lat27:	
Redrill Cancel Flag:		Long27:	
Dryhole:		Lat83:	33.9945488
Confidential:		Long83:	-118.15348816
Confidential Well:	No	Base Meridian:	SB
Directional Drilled:	No	GIS Source Code:	hud
Hydr Fractured:			
Location:			
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
82	N	0.83	4,401.41	145.95	OGW

API No:	0403700853	Directional:	
All Well Key:		BLM Well:	
OP Well ID:		EPA Well:	
OID:		Operator Code:	G1200
Well No:	17	Operator Name:	General Exploration Co.
Well Status:	Plugged	Operator St:	
Well Stat Desc:	Plugged	County APIC:	
Well Type:	OG	District:	Southern
Well Type Desc:	OG	Geo District:	
Well Symbol:	PluggedOG	Field Code:	
Well Sym Desc:		Field Name:	Bandini

Wells and Additional Sources Detail Report

Release Date:		Area Code:	
Completion Date:		Area Name:	Any Area
Abandoned Date:		County Name:	Los Angeles
Lease Name:	C.W.O.D.	Section:	17
Elevation:		Township:	02S
Total Depth:		Range:	12W
Redrilled Depth:		Lat27:	
Redrill Cancel Flag:		Long27:	
Dryhole:		Lat83:	34.00027084
Confidential:		Long83:	-118.16472626
Confidential Well:	No	Base Meridian:	SB
Directional Drilled:	Yes	GIS Source Code:	hud
Hydr Fractured:			
Location:			
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
84	N	0.84	4,424.99	145.94	OGW

API No:	0403700848	Directional:	
All Well Key:		BLM Well:	
OP Well ID:		EPA Well:	
OID:		Operator Code:	G1200
Well No:	11-C	Operator Name:	General Exploration Co.
Well Status:	Plugged	Operator St:	
Well Stat Desc:	Plugged	County APIC:	
Well Type:	OG	District:	Southern
Well Type Desc:	OG	Geo District:	
Well Symbol:	PluggedOG	Field Code:	
Well Sym Desc:		Field Name:	Bandini
Release Date:		Area Code:	
Completion Date:		Area Name:	Any Area
Abandoned Date:		County Name:	Los Angeles
Lease Name:	C.W.O.D.	Section:	17
Elevation:		Township:	02S
Total Depth:		Range:	12W
Redrilled Depth:		Lat27:	
Redrill Cancel Flag:		Long27:	
Dryhole:		Lat83:	34.00033188
Confidential:		Long83:	-118.16469574
Confidential Well:	No	Base Meridian:	SB
Directional Drilled:	Yes	GIS Source Code:	hud
Hydr Fractured:			
Location:			
Source83 Desc:	Heads Up Digitized - Coordinates generated from scanned, geo-referenced, static scale, Mylar maps		

Wells and Additional Sources Detail Report

URL:

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
92	N	0.95	5,031.44	152.47	OGW

API No:	0403700832	Directional:	
All Well Key:		BLM Well:	
OP Well ID:		EPA Well:	
OID:		Operator Code:	A4400
Well No:	1	Operator Name:	Atlantic Oil Company
Well Status:	Plugged	Operator St:	
Well Stat Desc:	Plugged	County APIC:	
Well Type:	OG	District:	Southern
Well Type Desc:	OG	Geo District:	
Well Symbol:	PluggedOG	Field Code:	
Well Sym Desc:		Field Name:	Bandini
Release Date:		Area Code:	
Completion Date:		Area Name:	Any Area
Abandoned Date:		County Name:	Los Angeles
Lease Name:	Wilma	Section:	17
Elevation:		Township:	02S
Total Depth:		Range:	12W
Redrilled Depth:		Lat27:	
Redrill Cancel Flag:		Long27:	
Dryhole:		Lat83:	34.00218964
Confidential:		Long83:	-118.16872406
Confidential Well:	No	Base Meridian:	SB
Directional Drilled:	Yes	GIS Source Code:	hud
Hydr Fractured:			
Location:			
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
94	N	0.96	5,086.86	148.21	OGW

API No:	0403700812	Directional:	
All Well Key:		BLM Well:	
OP Well ID:		EPA Well:	
OID:		Operator Code:	A4400
Well No:	2	Operator Name:	Atlantic Oil Company
Well Status:	Plugged	Operator St:	
Well Stat Desc:	Plugged	County APIC:	
Well Type:	OG	District:	Southern
Well Type Desc:	OG	Geo District:	
Well Symbol:	PluggedOG	Field Code:	

Wells and Additional Sources Detail Report

Well Sym Desc:		Field Name:	Bandini
Release Date:		Area Code:	
Completion Date:		Area Name:	Any Area
Abandoned Date:		County Name:	Los Angeles
Lease Name:	Jarvis	Section:	17
Elevation:		Township:	02S
Total Depth:		Range:	12W
Redrilled Depth:		Lat27:	
Redrill Cancel Flag:		Long27:	
Dryhole:		Lat83:	34.00224686
Confidential:		Long83:	-118.16520691
Confidential Well:	No	Base Meridian:	SB
Directional Drilled:	No	GIS Source Code:	hud
Hydr Fractured:			
Location:			
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
96	ESE	0.98	5,185.57	138.66	OGW

API No:	0403705212	Directional:	
All Well Key:		BLM Well:	
OP Well ID:		EPA Well:	
OID:		Operator Code:	00894
Well No:	2	Operator Name:	Bradford Bishop
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:	Bishop-Cwod	Section:	21
Elevation:		Township:	02S
Total Depth:		Range:	12W
Redrilled Depth:		Lat27:	
Redrill Cancel Flag:		Long27:	
Dryhole:		Lat83:	33.98113251
Confidential:		Long83:	-118.15013123
Confidential Well:	No	Base Meridian:	SB
Directional Drilled:	No	GIS Source Code:	hud
Hydr Fractured:			
Location:			

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
97	NNE	0.98	5,187.04	146.54	OGW

API No:	0403700811	Directional:	
All Well Key:		BLM Well:	
OP Well ID:		EPA Well:	
OID:		Operator Code:	F1535
Well No:	1	Operator Name:	Four Teams Oil Production & Exploration Inc.
Well Status:	Plugged	Operator St:	
Well Stat Desc:	Plugged	County APIC:	
Well Type:	OG	District:	Southern
Well Type Desc:	OG	Geo District:	
Well Symbol:	PluggedOG	Field Code:	
Well Sym Desc:		Field Name:	Bandini
Release Date:		Area Code:	
Completion Date:		Area Name:	Any Area
Abandoned Date:		County Name:	Los Angeles
Lease Name:	Jarvis	Section:	17
Elevation:		Township:	02S
Total Depth:		Range:	12W
Redrilled Depth:		Lat27:	
Redrill Cancel Flag:		Long27:	
Dryhole:		Lat83:	34.00228882
Confidential:		Long83:	-118.16365814
Confidential Well:	No	Base Meridian:	SB
Directional Drilled:	No	GIS Source Code:	GPS
Hydr Fractured:			
Location:			

Source83 Desc: Global Positioning System - Coordinates derived from Division staff and Trimble GPS unit
URL:

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
98	NNE	0.98	5,196.20	146.54	OGW

API No:	0403700805	Directional:	
All Well Key:		BLM Well:	
OP Well ID:		EPA Well:	
OID:		Operator Code:	F1535
Well No:	1	Operator Name:	Four Teams Oil Production & Exploration Inc.
Well Status:	Active	Operator St:	
Well Stat Desc:	Active	County APIC:	
Well Type:	OG	District:	Southern

Well Type Desc:	OG	Geo District:	
Well Symbol:	ActiveOG	Field Code:	
Well Sym Desc:		Field Name:	Bandini
Release Date:		Area Code:	
Completion Date:		Area Name:	Any Area
Abandoned Date:		County Name:	Los Angeles
Lease Name:	C.W.O.D.	Section:	17
Elevation:		Township:	02S
Total Depth:		Range:	12W
Redrilled Depth:		Lat27:	
Redrill Cancel Flag:		Long27:	
Dryhole:		Lat83:	34.00231171
Confidential:		Long83:	-118.16364288
Confidential Well:	No	Base Meridian:	SB
Directional Drilled:	Yes	GIS Source Code:	GPS
Hydr Fractured:			
Location:			
Source83 Desc:	Global Positioning System - Coordinates derived from Division staff and Trimble GPS unit		
URL:			

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
99	NNE	0.98	5,197.46	146.04	OGW

API No:	0403700810	Directional:	
All Well Key:		BLM Well:	
OP Well ID:		EPA Well:	
OID:		Operator Code:	F1535
Well No:	6	Operator Name:	Four Teams Oil Production & Exploration Inc.
Well Status:	Idle	Operator St:	
Well Stat Desc:	Idle	County APIC:	
Well Type:	OG	District:	Southern
Well Type Desc:	OG	Geo District:	
Well Symbol:	IdleOG	Field Code:	
Well Sym Desc:		Field Name:	Bandini
Release Date:		Area Code:	
Completion Date:		Area Name:	Any Area
Abandoned Date:		County Name:	Los Angeles
Lease Name:	C.W.O.D.	Section:	17
Elevation:		Township:	02S
Total Depth:		Range:	12W
Redrilled Depth:		Lat27:	
Redrill Cancel Flag:		Long27:	
Dryhole:		Lat83:	34.00230789
Confidential:		Long83:	-118.16360474
Confidential Well:	No	Base Meridian:	SB
Directional Drilled:	Yes	GIS Source Code:	GPS

Hydr Fractured:
Location:
Source83 Desc: Global Positioning System - Coordinates derived from Division staff and Trimble GPS unit
URL:

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
100	NNE	0.99	5,206.63	146.25	OGW

API No:	0403700809	Directional:	
All Well Key:		BLM Well:	
OP Well ID:		EPA Well:	
OID:		Operator Code:	F1535
Well No:	5	Operator Name:	Four Teams Oil Production & Exploration Inc.
Well Status:	Active	Operator St:	
Well Stat Desc:	Active	County APIC:	
Well Type:	OG	District:	Southern
Well Type Desc:	OG	Geo District:	
Well Symbol:	ActiveOG	Field Code:	
Well Sym Desc:		Field Name:	Bandini
Release Date:		Area Code:	
Completion Date:		Area Name:	Any Area
Abandoned Date:		County Name:	Los Angeles
Lease Name:	C.W.O.D.	Section:	17
Elevation:		Township:	02S
Total Depth:		Range:	12W
Redrilled Depth:		Lat27:	
Redrill Cancel Flag:		Long27:	
Dryhole:		Lat83:	34.00233078
Confidential:		Long83:	-118.16358948
Confidential Well:	No	Base Meridian:	SB
Directional Drilled:	No	GIS Source Code:	GPS

Hydr Fractured:
Location:
Source83 Desc: Global Positioning System - Coordinates derived from Division staff and Trimble GPS unit
URL:

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
101	NNE	0.99	5,206.71	146.27	OGW

API No:	0403700806	Directional:	
All Well Key:		BLM Well:	
OP Well ID:		EPA Well:	
OID:		Operator Code:	F1535
Well No:	2	Operator Name:	Four Teams Oil Production & Exploration Inc.
Well Status:	Active	Operator St:	

Wells and Additional Sources Detail Report

Well Stat Desc:	Active	County APIC:	
Well Type:	OG	District:	Southern
Well Type Desc:	OG	Geo District:	
Well Symbol:	ActiveOG	Field Code:	
Well Sym Desc:		Field Name:	Bandini
Release Date:		Area Code:	
Completion Date:		Area Name:	Any Area
Abandoned Date:		County Name:	Los Angeles
Lease Name:	C.W.O.D.	Section:	17
Elevation:		Township:	02S
Total Depth:		Range:	12W
Redrilled Depth:		Lat27:	
Redrill Cancel Flag:		Long27:	
Dryhole:		Lat83:	34.00233841
Confidential:		Long83:	-118.16362762
Confidential Well:	No	Base Meridian:	SB
Directional Drilled:	Yes	GIS Source Code:	GPS
Hydr Fractured:			
Location:			
Source83 Desc:	Global Positioning System - Coordinates derived from Division staff and Trimble GPS unit		
URL:			

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
102	NNE	0.99	5,215.79	146.25	OGW

API No:	0403700808	Directional:	
All Well Key:		BLM Well:	
OP Well ID:		EPA Well:	
OID:		Operator Code:	F1535
Well No:	4	Operator Name:	Four Teams Oil Production & Exploration Inc.
Well Status:	Active	Operator St:	
Well Stat Desc:	Active	County APIC:	
Well Type:	OG	District:	Southern
Well Type Desc:	OG	Geo District:	
Well Symbol:	ActiveOG	Field Code:	
Well Sym Desc:		Field Name:	Bandini
Release Date:		Area Code:	
Completion Date:		Area Name:	Any Area
Abandoned Date:		County Name:	Los Angeles
Lease Name:	C.W.O.D.	Section:	17
Elevation:		Township:	02S
Total Depth:		Range:	12W
Redrilled Depth:		Lat27:	
Redrill Cancel Flag:		Long27:	
Dryhole:		Lat83:	34.00235367
Confidential:		Long83:	-118.16357422

Confidential Well:	No	Base Meridian:	SB
Directional Drilled:	Yes	GIS Source Code:	GPS
Hydr Fractured:			
Location:			
Source83 Desc:	Global Positioning System - Coordinates derived from Division staff and Trimble GPS unit		
URL:			

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
103	NNE	0.99	5,217.74	146.25	OGW

API No:	0403700807	Directional:	
All Well Key:		BLM Well:	
OP Well ID:		EPA Well:	
OID:		Operator Code:	F1535
Well No:	3	Operator Name:	Four Teams Oil Production & Exploration Inc.
Well Status:	Active	Operator St:	
Well Stat Desc:	Active	County APIC:	
Well Type:	OG	District:	Southern
Well Type Desc:	OG	Geo District:	
Well Symbol:	ActiveOG	Field Code:	
Well Sym Desc:		Field Name:	Bandini
Release Date:		Area Code:	
Completion Date:		Area Name:	Any Area
Abandoned Date:		County Name:	Los Angeles
Lease Name:	C.W.O.D.	Section:	17
Elevation:		Township:	02S
Total Depth:		Range:	12W
Redrilled Depth:		Lat27:	
Redrill Cancel Flag:		Long27:	
Dryhole:		Lat83:	34.00236511
Confidential:		Long83:	-118.16360474
Confidential Well:	No	Base Meridian:	SB
Directional Drilled:	No	GIS Source Code:	GPS
Hydr Fractured:			
Location:			
Source83 Desc:	Global Positioning System - Coordinates derived from Division staff and Trimble GPS unit		
URL:			

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
104	N	1.00	5,269.68	153.50	OGW

API No:	0403700869	Directional:	
All Well Key:		BLM Well:	
OP Well ID:		EPA Well:	
OID:		Operator Code:	04729

Wells and Additional Sources Detail Report

Well No:	1	Operator Name:	John M. Young
Well Status:	Plugged	Operator St:	
Well Stat Desc:	Plugged	County APIC:	
Well Type:	OG	District:	Southern
Well Type Desc:	OG	Geo District:	
Well Symbol:	PluggedOG	Field Code:	
Well Sym Desc:		Field Name:	Bandini
Release Date:		Area Code:	
Completion Date:		Area Name:	Any Area
Abandoned Date:		County Name:	Los Angeles
Lease Name:	Cable	Section:	17
Elevation:		Township:	02S
Total Depth:		Range:	12W
Redrilled Depth:		Lat27:	
Redrill Cancel Flag:		Long27:	
Dryhole:		Lat83:	34.00273514
Confidential:		Long83:	-118.16997528
Confidential Well:	No	Base Meridian:	SB
Directional Drilled:	No	GIS Source Code:	hud
Hydr Fractured:			
Location:			
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
1	SE	0.01	38.44	142.07	WATER WELLS

WCR No:	WCR2014-010939	City(OSWCR):	Commerce
City:	Commerce	County(OSWCR):	Los Angeles
County:	Los Angeles	Decimal Lat(OSWCR):	33.9876278
Decimal Latitude:	33.9876278	Decim Long(OSWCR):	-118.166325
Decimal Longitude:	-118.166325		
Location:	5501 E Slauson AVE		
Location(OSWCR):	5501 E Slauson AVE		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
2	S	0.04	221.03	142.41	WATER WELLS

WCR No:	WCR2014-010937	City(OSWCR):	Commerce
City:	Commerce	County(OSWCR):	Los Angeles
County:	Los Angeles	Decimal Lat(OSWCR):	33.9871972
Decimal Latitude:	33.9871972	Decim Long(OSWCR):	-118.1670417
Decimal Longitude:	-118.1670417		

Wells and Additional Sources Detail Report

Location: 5501 E Slauson AVE
Location(OSWCR): 5501 E Slauson AVE
Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
3	SSW	0.04	228.18	142.41	WATER WELLS

WCR No: WCR2014-010938
City: Commerce
County: Los Angeles
Decimal Latitude: 33.9871972
Decimal Longitude: -118.1672306
Location: 5501 E Slauson AVE
Location(OSWCR): 5501 E Slauson AVE
City(OSWCR): Commerce
County(OSWCR): Los Angeles
Decimal Lat(OSWCR): 33.9871972
Decim Long(OSWCR): -118.1672306
Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
4	SSE	0.05	289.78	141.41	WATER WELLS

WCR No: WCR2014-010790
City: Commerce
County: Los Angeles
Decimal Latitude: 33.9869528
Decimal Longitude: -118.1665278
Location: 5501 E Slauson AVE
Location(OSWCR): 5501 E Slauson AVE
City(OSWCR): Commerce
County(OSWCR): Los Angeles
Decimal Lat(OSWCR): 33.9869528
Decim Long(OSWCR): -118.1665278
Original Source: California Department 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	0.12	658.74	146.19	WATER WELLS

WCR No: WCR2018-000438
City: Commerce
County: Los Angeles
Decimal Latitude: 33.986431
Decimal Longitude: -118.169065
Location: 5354 E Slauson AVE
Location(OSWCR): 5354 E Slauson AVE
City(OSWCR): Commerce
County(OSWCR): Los Angeles
Decimal Lat(OSWCR): 33.986431
Decim Long(OSWCR): -118.169065
Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
8	WNW	0.26	1,385.85	147.43	WATER WELLS

WCR No:	WCR2018-011167	City(OSWCR):	City of Bell
City:	City of Bell	County(OSWCR):	Los Angeles
County:	Los Angeles	Decimal Lat(OSWCR):	33.9901
Decimal Latitude:	33.9901	Decim Long(OSWCR):	-118.1716
Decimal Longitude:	-118.1716		
Location:	3rd & K Street		
Location(OSWCR):	3rd & K Street		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
8	WNW	0.26	1,385.85	147.43	WATER WELLS

WCR No:	WCR2018-011173	City(OSWCR):	City of Bell
City:	City of Bell	County(OSWCR):	Los Angeles
County:	Los Angeles	Decimal Lat(OSWCR):	33.9901
Decimal Latitude:	33.9901	Decim Long(OSWCR):	-118.1716
Decimal Longitude:	-118.1716		
Location:	3rd & K street		
Location(OSWCR):	3rd & K street		
Original Source:	California Department 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	WSW	0.30	1,561.60	151.56	WATER WELLS

WCR No:	WCR2016-007584	City(OSWCR):	Maywood
City:	Maywood	County(OSWCR):	Los Angeles
County:	Los Angeles	Decimal Lat(OSWCR):	33.986
Decimal Latitude:	33.986	Decim Long(OSWCR):	-118.1724
Decimal Longitude:	-118.1724		
Location:	E Slauson Avenue and Alamo Avenue		
Location(OSWCR):	E Slauson Avenue and Alamo Avenue		
Original Source:	California Department 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	WSW	0.30	1,573.51	153.81	WATER WELLS

WCR No:	WCR2016-007587	City(OSWCR):	Maywood
City:	Maywood	County(OSWCR):	Los Angeles
County:	Los Angeles	Decimal Lat(OSWCR):	33.9861
Decimal Latitude:	33.9861	Decim Long(OSWCR):	-118.1725
Decimal Longitude:	-118.1725		
Location:	5000 E Slauson AVE		
Location(OSWCR):	5000 E Slauson AVE		

Original Source: California Department 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	SW	0.30	1,579.94	143.18	WATER WELLS

WCR No:	WCR2018-011922	City(OSWCR):	Maywood
City:	Maywood	County(OSWCR):	Los Angeles
County:	Los Angeles	Decimal Lat(OSWCR):	33.985
Decimal Latitude:	33.985	Decim Long(OSWCR):	-118.1716667
Decimal Longitude:	-118.1716667		
Location:	5973 S District BLVD		
Location(OSWCR):	5973 S District BLVD		
Original Source:	California Department 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	SW	0.30	1,595.22	129.40	WATER WELLS

WCR No:	WCR2016-007585	City(OSWCR):	Maywood
City:	Maywood	County(OSWCR):	Los Angeles
County:	Los Angeles	Decimal Lat(OSWCR):	33.9843
Decimal Latitude:	33.9843	Decim Long(OSWCR):	-118.1708
Decimal Longitude:	-118.1708		
Location:	5973 S District BLVD		
Location(OSWCR):	5973 S District BLVD		
Original Source:	California Department 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	WSW	0.30	1,601.16	153.19	WATER WELLS

WCR No:	WCR2016-007578	City(OSWCR):	Maywood
City:	Maywood	County(OSWCR):	Los Angeles
County:	Los Angeles	Decimal Lat(OSWCR):	33.9861
Decimal Latitude:	33.9861	Decim Long(OSWCR):	-118.1726
Decimal Longitude:	-118.1726		
Location:	E Slauson Avenue and Alamo Avenue		
Location(OSWCR):	E Slauson Avenue and Alamo Avenue		
Original Source:	California Department 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	W	0.31	1,619.55	143.63	WATER WELLS

WCR No:	WCR2020-003977	City(OSWCR):	Maywood

City:	Maywood	County(OSWCR):	Los Angeles
County:	Los Angeles	Decimal Lat(OSWCR):	33.9872222
Decimal Latitude:	33.9872222	Decim Long(OSWCR):	-118.1730556
Decimal Longitude:	-118.1730556		
Location:	5837 District BLVD		
Location(OSWCR):	5837 District BLVD		
Original Source:	California Department 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	W	0.31	1,619.55	143.63	WATER WELLS

WCR No:	WCR2020-004624	City(OSWCR):	Maywood
City:	Maywood	County(OSWCR):	Los Angeles
County:	Los Angeles	Decimal Lat(OSWCR):	33.9872222
Decimal Latitude:	33.9872222	Decim Long(OSWCR):	-118.1730556
Decimal Longitude:	-118.1730556		
Location:	5837 District BLVD		
Location(OSWCR):	5837 District BLVD		
Original Source:	California Department 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	SW	0.31	1,634.30	142.89	WATER WELLS

WCR No:	WCR2016-007580	City(OSWCR):	Maywood
City:	Maywood	County(OSWCR):	Los Angeles
County:	Los Angeles	Decimal Lat(OSWCR):	33.9849
Decimal Latitude:	33.9849	Decim Long(OSWCR):	-118.1718
Decimal Longitude:	-118.1718		
Location:	5973 S District BLVD		
Location(OSWCR):	5973 S District BLVD		
Original Source:	California Department 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	SW	0.31	1,634.30	142.89	WATER WELLS

WCR No:	WCR2016-007583	City(OSWCR):	Maywood
City:	Maywood	County(OSWCR):	Los Angeles
County:	Los Angeles	Decimal Lat(OSWCR):	33.9849
Decimal Latitude:	33.9849	Decim Long(OSWCR):	-118.1718
Decimal Longitude:	-118.1718		
Location:	5973 S District BLVD		
Location(OSWCR):	5973 S District BLVD		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Wells and Additional Sources Detail Report

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
18	SW	0.31	1,658.99	138.71	WATER WELLS

WCR No:	WCR2016-007586	City(OSWCR):	Maywood
City:	Maywood	County(OSWCR):	Los Angeles
County:	Los Angeles	Decimal Lat(OSWCR):	33.9844
Decimal Latitude:	33.9844	Decim Long(OSWCR):	-118.1713
Decimal Longitude:	-118.1713		
Location:	5973 S District BLVD		
Location(OSWCR):	5973 S District BLVD		
Original Source:	California Department 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	SW	0.33	1,720.92	141.87	WATER WELLS

WCR No:	WCR2019-000520	City(OSWCR):	Maywood
City:	Maywood	County(OSWCR):	Los Angeles
County:	Los Angeles	Decimal Lat(OSWCR):	33.9844444
Decimal Latitude:	33.9844444	Decim Long(OSWCR):	-118.1716667
Decimal Longitude:	-118.1716667		
Location:	5155 East 60th Street		
Location(OSWCR):	5155 East 60th Street		
Original Source:	California Department 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	SW	0.33	1,720.92	141.87	WATER WELLS

WCR No:	WCR2019-000820	City(OSWCR):	Maywood
City:	Maywood	County(OSWCR):	Los Angeles
County:	Los Angeles	Decimal Lat(OSWCR):	33.9844444
Decimal Latitude:	33.9844444	Decim Long(OSWCR):	-118.1716667
Decimal Longitude:	-118.1716667		
Location:	5155 East 60th Street		
Location(OSWCR):	5155 East 60th Street		
Original Source:	California Department 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	WSW	0.34	1,789.58	142.44	WATER WELLS

WCR No:	WCR2018-000506	City(OSWCR):	Maywood
City:	Maywood	County(OSWCR):	Los Angeles
County:	Los Angeles	Decimal Lat(OSWCR):	33.9852778

Decimal Latitude:	33.9852778	Decim Long(OSWCR):	-118.1727778
Decimal Longitude:	-118.1727778		
Location:	5973 S District BLVD		
Location(OSWCR):	5973 S District BLVD		
Original Source:	California Department 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	WSW	0.34	1,789.58	142.44	WATER WELLS

WCR No:	WCR2018-000512	City(OSWCR):	Maywood
City:	Maywood	County(OSWCR):	Los Angeles
County:	Los Angeles	Decimal Lat(OSWCR):	33.9852778
Decimal Latitude:	33.9852778	Decim Long(OSWCR):	-118.1727778
Decimal Longitude:	-118.1727778		
Location:	5973 S District BLVD		
Location(OSWCR):	5973 S District BLVD		
Original Source:	California Department 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	WSW	0.34	1,789.58	142.44	WATER WELLS

WCR No:	WCR2018-000504	City(OSWCR):	Maywood
City:	Maywood	County(OSWCR):	Los Angeles
County:	Los Angeles	Decimal Lat(OSWCR):	33.9852778
Decimal Latitude:	33.9852778	Decim Long(OSWCR):	-118.1727778
Decimal Longitude:	-118.1727778		
Location:	5973 S District BLVD		
Location(OSWCR):	5973 S District BLVD		
Original Source:	California Department 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	WSW	0.34	1,789.58	142.44	WATER WELLS

WCR No:	WCR2018-000502	City(OSWCR):	Maywood
City:	Maywood	County(OSWCR):	Los Angeles
County:	Los Angeles	Decimal Lat(OSWCR):	33.9852778
Decimal Latitude:	33.9852778	Decim Long(OSWCR):	-118.1727778
Decimal Longitude:	-118.1727778		
Location:	5973 S District BLVD		
Location(OSWCR):	5973 S District BLVD		
Original Source:	California Department 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
21	WSW	0.34	1,789.58	142.44	WATER WELLS

WCR No:	WCR2018-000515	City(OSWCR):	Maywood
City:	Maywood	County(OSWCR):	Los Angeles
County:	Los Angeles	Decimal Lat(OSWCR):	33.9852778
Decimal Latitude:	33.9852778	Decim Long(OSWCR):	-118.1727778
Decimal Longitude:	-118.1727778		
Location:	5973 S District BLVD		
Location(OSWCR):	5973 S District BLVD		
Original Source:	California Department 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	WSW	0.34	1,789.58	142.44	WATER WELLS

WCR No:	WCR2018-000516	City(OSWCR):	Maywood
City:	Maywood	County(OSWCR):	Los Angeles
County:	Los Angeles	Decimal Lat(OSWCR):	33.9852778
Decimal Latitude:	33.9852778	Decim Long(OSWCR):	-118.1727778
Decimal Longitude:	-118.1727778		
Location:	5973 S District BLVD		
Location(OSWCR):	5973 S District BLVD		
Original Source:	California Department 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	WSW	0.34	1,789.58	142.44	WATER WELLS

WCR No:	WCR2018-000497	City(OSWCR):	Maywood
City:	Maywood	County(OSWCR):	Los Angeles
County:	Los Angeles	Decimal Lat(OSWCR):	33.9852778
Decimal Latitude:	33.9852778	Decim Long(OSWCR):	-118.1727778
Decimal Longitude:	-118.1727778		
Location:	5973 S District BLVD		
Location(OSWCR):	5973 S District BLVD		
Original Source:	California Department 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	WSW	0.34	1,789.58	142.44	WATER WELLS

WCR No:	WCR2018-000500	City(OSWCR):	Maywood
City:	Maywood	County(OSWCR):	Los Angeles
County:	Los Angeles	Decimal Lat(OSWCR):	33.9852778
Decimal Latitude:	33.9852778	Decim Long(OSWCR):	-118.1727778
Decimal Longitude:	-118.1727778		

Location: 5973 S District BLVD
Location(OSWCR): 5973 S District BLVD
Original Source: California Department 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	WSW	0.34	1,789.58	142.44	WATER WELLS

WCR No: WCR2018-000509
City: Maywood
County: Los Angeles
Decimal Latitude: 33.9852778
Decimal Longitude: -118.1727778
Location: 5973 S District BLVD
Location(OSWCR): 5973 S District BLVD
City(OSWCR): Maywood
County(OSWCR): Los Angeles
Decimal Lat(OSWCR): 33.9852778
Decim Long(OSWCR): -118.1727778
Original Source: California Department 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	WSW	0.34	1,789.58	142.44	WATER WELLS

WCR No: WCR2018-000495
City: Maywood
County: Los Angeles
Decimal Latitude: 33.9852778
Decimal Longitude: -118.1727778
Location: 5973 S District BLVD
Location(OSWCR): 5973 S District BLVD
City(OSWCR): Maywood
County(OSWCR): Los Angeles
Decimal Lat(OSWCR): 33.9852778
Decim Long(OSWCR): -118.1727778
Original Source: California Department 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	WSW	0.34	1,789.58	142.44	WATER WELLS

WCR No: WCR2018-000490
City: Maywood
County: Los Angeles
Decimal Latitude: 33.9852778
Decimal Longitude: -118.1727778
Location: 5973 S District BLVD
Location(OSWCR): 5973 S District BLVD
City(OSWCR): Maywood
County(OSWCR): Los Angeles
Decimal Lat(OSWCR): 33.9852778
Decim Long(OSWCR): -118.1727778
Original Source: California Department 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	WSW	0.34	1,789.58	142.44	WATER WELLS

WCR No:	WCR2018-000499	City(OSWCR):	Maywood
City:	Maywood	County(OSWCR):	Los Angeles
County:	Los Angeles	Decimal Lat(OSWCR):	33.9852778
Decimal Latitude:	33.9852778	Decim Long(OSWCR):	-118.1727778
Decimal Longitude:	-118.1727778		
Location:	5973 S District BLVD		
Location(OSWCR):	5973 S District BLVD		
Original Source:	California Department 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	WSW	0.34	1,789.58	142.44	WATER WELLS

WCR No:	WCR2018-000514	City(OSWCR):	Maywood
City:	Maywood	County(OSWCR):	Los Angeles
County:	Los Angeles	Decimal Lat(OSWCR):	33.9852778
Decimal Latitude:	33.9852778	Decim Long(OSWCR):	-118.1727778
Decimal Longitude:	-118.1727778		
Location:	5973 S District BLVD		
Location(OSWCR):	5973 S District BLVD		
Original Source:	California Department 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	WSW	0.34	1,789.58	142.44	WATER WELLS

WCR No:	WCR2018-000510	City(OSWCR):	Maywood
City:	Maywood	County(OSWCR):	Los Angeles
County:	Los Angeles	Decimal Lat(OSWCR):	33.9852778
Decimal Latitude:	33.9852778	Decim Long(OSWCR):	-118.1727778
Decimal Longitude:	-118.1727778		
Location:	5973 S District BLVD		
Location(OSWCR):	5973 S District BLVD		
Original Source:	California Department 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	WSW	0.34	1,789.58	142.44	WATER WELLS

WCR No:	WCR2018-000513	City(OSWCR):	Maywood
City:	Maywood	County(OSWCR):	Los Angeles
County:	Los Angeles	Decimal Lat(OSWCR):	33.9852778
Decimal Latitude:	33.9852778	Decim Long(OSWCR):	-118.1727778
Decimal Longitude:	-118.1727778		
Location:	5973 S District BLVD		
Location(OSWCR):	5973 S District BLVD		

Original Source: California Department 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	WSW	0.34	1,789.58	142.44	WATER WELLS

WCR No:	WCR2018-000505	City(OSWCR):	Maywood
City:	Maywood	County(OSWCR):	Los Angeles
County:	Los Angeles	Decimal Lat(OSWCR):	33.9852778
Decimal Latitude:	33.9852778	Decim Long(OSWCR):	-118.1727778
Decimal Longitude:	-118.1727778		
Location:	5973 S District BLVD		
Location(OSWCR):	5973 S District BLVD		
Original Source:	California Department 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	WSW	0.34	1,789.58	142.44	WATER WELLS

WCR No:	WCR2018-000492	City(OSWCR):	Maywood
City:	Maywood	County(OSWCR):	Los Angeles
County:	Los Angeles	Decimal Lat(OSWCR):	33.9852778
Decimal Latitude:	33.9852778	Decim Long(OSWCR):	-118.1727778
Decimal Longitude:	-118.1727778		
Location:	5973 S District BLVD		
Location(OSWCR):	5973 S District BLVD		
Original Source:	California Department 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	WSW	0.34	1,789.58	142.44	WATER WELLS

WCR No:	WCR2018-000508	City(OSWCR):	Maywood
City:	Maywood	County(OSWCR):	Los Angeles
County:	Los Angeles	Decimal Lat(OSWCR):	33.9852778
Decimal Latitude:	33.9852778	Decim Long(OSWCR):	-118.1727778
Decimal Longitude:	-118.1727778		
Location:	5973 S District BLVD		
Location(OSWCR):	5973 S District BLVD		
Original Source:	California Department 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	WSW	0.34	1,789.58	142.44	WATER WELLS

WCR No:	WCR2018-000511	City(OSWCR):	Maywood

City:	Maywood	County(OSWCR):	Los Angeles
County:	Los Angeles	Decimal Lat(OSWCR):	33.9852778
Decimal Latitude:	33.9852778	Decim Long(OSWCR):	-118.1727778
Decimal Longitude:	-118.1727778		
Location:	5973 S District BLVD		
Location(OSWCR):	5973 S District BLVD		
Original Source:	California Department 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	WSW	0.34	1,789.58	142.44	WATER WELLS

WCR No:	WCR2018-000494	City(OSWCR):	Maywood
City:	Maywood	County(OSWCR):	Los Angeles
County:	Los Angeles	Decimal Lat(OSWCR):	33.9852778
Decimal Latitude:	33.9852778	Decim Long(OSWCR):	-118.1727778
Decimal Longitude:	-118.1727778		
Location:	5973 S District BLVD		
Location(OSWCR):	5973 S District BLVD		
Original Source:	California Department 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	WSW	0.34	1,789.58	142.44	WATER WELLS

WCR No:	WCR2018-000517	City(OSWCR):	Maywood
City:	Maywood	County(OSWCR):	Los Angeles
County:	Los Angeles	Decimal Lat(OSWCR):	33.9852778
Decimal Latitude:	33.9852778	Decim Long(OSWCR):	-118.1727778
Decimal Longitude:	-118.1727778		
Location:	5973 S District BLVD		
Location(OSWCR):	5973 S District BLVD		
Original Source:	California Department 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	WSW	0.34	1,789.58	142.44	WATER WELLS

WCR No:	WCR2018-000507	City(OSWCR):	Maywood
City:	Maywood	County(OSWCR):	Los Angeles
County:	Los Angeles	Decimal Lat(OSWCR):	33.9852778
Decimal Latitude:	33.9852778	Decim Long(OSWCR):	-118.1727778
Decimal Longitude:	-118.1727778		
Location:	5973 S District BLVD		
Location(OSWCR):	5973 S District BLVD		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Wells and Additional Sources Detail Report

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
21	WSW	0.34	1,789.58	142.44	WATER WELLS

WCR No:	WCR2018-000501	City(OSWCR):	Maywood
City:	Maywood	County(OSWCR):	Los Angeles
County:	Los Angeles	Decimal Lat(OSWCR):	33.9852778
Decimal Latitude:	33.9852778	Decim Long(OSWCR):	-118.1727778
Decimal Longitude:	-118.1727778		
Location:	5973 S District BLVD		
Location(OSWCR):	5973 S District BLVD		
Original Source:	California Department 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	WSW	0.34	1,789.58	142.44	WATER WELLS

WCR No:	WCR2018-000491	City(OSWCR):	Maywood
City:	Maywood	County(OSWCR):	Los Angeles
County:	Los Angeles	Decimal Lat(OSWCR):	33.9852778
Decimal Latitude:	33.9852778	Decim Long(OSWCR):	-118.1727778
Decimal Longitude:	-118.1727778		
Location:	5973 S District BLVD		
Location(OSWCR):	5973 S District BLVD		
Original Source:	California Department 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	WSW	0.34	1,789.58	142.44	WATER WELLS

WCR No:	WCR2018-000503	City(OSWCR):	Maywood
City:	Maywood	County(OSWCR):	Los Angeles
County:	Los Angeles	Decimal Lat(OSWCR):	33.9852778
Decimal Latitude:	33.9852778	Decim Long(OSWCR):	-118.1727778
Decimal Longitude:	-118.1727778		
Location:	5973 S District BLVD		
Location(OSWCR):	5973 S District BLVD		
Original Source:	California Department 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	W	0.35	1,861.09	141.03	WATER WELLS

WCR No:	WCR2019-000845	City(OSWCR):	Vemon
City:	Vemon	County(OSWCR):	Los Angeles
County:	Los Angeles	Decimal Lat(OSWCR):	33.9883333

Decimal Latitude:	33.9883333	Decim Long(OSWCR):	-118.1738889
Decimal Longitude:	-118.1738889		
Location:	5725 District BLVD		
Location(OSWCR):	5725 District BLVD		
Original Source:	California Department 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	SW	0.38	1,983.54	139.21	WATER WELLS

WCR No:	WCR2016-002438	City(OSWCR):	Maywood
City:	Maywood	County(OSWCR):	Los Angeles
County:	Los Angeles	Decimal Lat(OSWCR):	33.9838889
Decimal Latitude:	33.9838889	Decim Long(OSWCR):	-118.1722222
Decimal Longitude:	-118.1722222		
Location:	5155 E 60th ST		
Location(OSWCR):	5155 E 60th ST		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
24	WSW	0.38	1,985.92	141.41	WATER WELLS

WCR No:	WCR2016-002439	City(OSWCR):	Maywood
City:	Maywood	County(OSWCR):	Los Angeles
County:	Los Angeles	Decimal Lat(OSWCR):	33.985
Decimal Latitude:	33.985	Decim Long(OSWCR):	-118.1733333
Decimal Longitude:	-118.1733333		
Location:	5155 E 60th ST		
Location(OSWCR):	5155 E 60th ST		
Original Source:	California Department 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	WSW	0.39	2,077.10	143.17	WATER WELLS

WCR No:	WCR2016-002447	City(OSWCR):	Maywood
City:	Maywood	County(OSWCR):	Los Angeles
County:	Los Angeles	Decimal Lat(OSWCR):	33.9858333
Decimal Latitude:	33.9858333	Decim Long(OSWCR):	-118.1741667
Decimal Longitude:	-118.1741667		
Location:	5155 E 60th ST		
Location(OSWCR):	5155 E 60th ST		
Original Source:	California Department 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
26	WSW	0.39	2,077.10	143.17	WATER WELLS

WCR No:	WCR2016-002445	City(OSWCR):	Maywood
City:	Maywood	County(OSWCR):	Los Angeles
County:	Los Angeles	Decimal Lat(OSWCR):	33.9858333
Decimal Latitude:	33.9858333	Decim Long(OSWCR):	-118.1741667
Decimal Longitude:	-118.1741667		
Location:	5155 E 60th ST		
Location(OSWCR):	5155 E 60th ST		
Original Source:	California Department 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	WSW	0.39	2,077.10	143.17	WATER WELLS

WCR No:	WCR2016-002443	City(OSWCR):	Maywood
City:	Maywood	County(OSWCR):	Los Angeles
County:	Los Angeles	Decimal Lat(OSWCR):	33.9858333
Decimal Latitude:	33.9858333	Decim Long(OSWCR):	-118.1741667
Decimal Longitude:	-118.1741667		
Location:	5155 E 60th ST		
Location(OSWCR):	5155 E 60th ST		
Original Source:	California Department 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	WSW	0.39	2,077.10	143.17	WATER WELLS

WCR No:	WCR2016-002444	City(OSWCR):	Maywood
City:	Maywood	County(OSWCR):	Los Angeles
County:	Los Angeles	Decimal Lat(OSWCR):	33.9858333
Decimal Latitude:	33.9858333	Decim Long(OSWCR):	-118.1741667
Decimal Longitude:	-118.1741667		
Location:	5155 E 60th ST		
Location(OSWCR):	5155 E 60th ST		
Original Source:	California Department 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	WSW	0.39	2,077.10	143.17	WATER WELLS

WCR No:	WCR2016-002446	City(OSWCR):	Maywood
City:	Maywood	County(OSWCR):	Los Angeles
County:	Los Angeles	Decimal Lat(OSWCR):	33.9858333
Decimal Latitude:	33.9858333	Decim Long(OSWCR):	-118.1741667
Decimal Longitude:	-118.1741667		

Location: 5155 E 60th ST
Location(OSWCR): 5155 E 60th ST
Original Source: California Department 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	WSW	0.41	2,158.04	142.41	WATER WELLS

WCR No: WCR2016-002441
City: Maywood
County: Los Angeles
Decimal Latitude: 33.9852778
Decimal Longitude: -118.1741667
Location: 5155 E 60th ST
Location(OSWCR): 5155 E 60th ST
City(OSWCR): Maywood
County(OSWCR): Los Angeles
Decimal Lat(OSWCR): 33.9852778
Decim Long(OSWCR): -118.1741667
Original Source: California Department 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	WSW	0.41	2,158.04	142.41	WATER WELLS

WCR No: WCR2016-002440
City: Maywood
County: Los Angeles
Decimal Latitude: 33.9852778
Decimal Longitude: -118.1741667
Location: 5155 E 60th ST
Location(OSWCR): 5155 E 60th ST
City(OSWCR): Maywood
County(OSWCR): Los Angeles
Decimal Lat(OSWCR): 33.9852778
Decim Long(OSWCR): -118.1741667
Original Source: California Department 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	WSW	0.41	2,158.04	142.41	WATER WELLS

WCR No: WCR2016-002442
City: Maywood
County: Los Angeles
Decimal Latitude: 33.9852778
Decimal Longitude: -118.1741667
Location: 5155 E 60th ST
Location(OSWCR): 5155 E 60th ST
City(OSWCR): Maywood
County(OSWCR): Los Angeles
Decimal Lat(OSWCR): 33.9852778
Decim Long(OSWCR): -118.1741667
Original Source: California Department 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	SW	0.41	2,161.60	140.41	WATER WELLS

WCR No:	WCR2016-002437	City(OSWCR):	Maywood
City:	Maywood	County(OSWCR):	Los Angeles
County:	Los Angeles	Decimal Lat(OSWCR):	33.9841667
Decimal Latitude:	33.9841667	Decim Long(OSWCR):	-118.1733333
Decimal Longitude:	-118.1733333		
Location:	5155 E 60th ST		
Location(OSWCR):	5155 E 60th ST		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
31	SSW	0.45	2,386.86	135.17	WATER WELLS

WCR No:	WCR2017-006223	City(OSWCR):	Maywood
City:	Maywood	County(OSWCR):	Los Angeles
County:	Los Angeles	Decimal Lat(OSWCR):	33.9816667
Decimal Latitude:	33.9816667	Decim Long(OSWCR):	-118.1702778
Decimal Longitude:	-118.1702778		
Location:	5155 E 60th ST		
Location(OSWCR):	5155 E 60th ST		
Original Source:	California Department 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	SE	0.47	2,463.22	136.41	WATER WELLS

WCR No:	WCR0173376	City(OSWCR):	None
City:	None	County(OSWCR):	Los Angeles
County:	Los Angeles	Decimal Lat(OSWCR):	33.98223
Decimal Latitude:	33.98223	Decim Long(OSWCR):	-118.16046
Decimal Longitude:	-118.16046		
Location:	None		
Location(OSWCR):	None		
Original Source:	California Department 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	SE	0.47	2,463.22	136.41	WATER WELLS

WCR No:	WCR2007-010243	City(OSWCR):	Commerce
City:	Commerce	County(OSWCR):	Los Angeles
County:	Los Angeles	Decimal Lat(OSWCR):	33.98223
Decimal Latitude:	33.98223	Decim Long(OSWCR):	-118.16046
Decimal Longitude:	-118.16046		
Location:	6027 S Eastern Avenue		
Location(OSWCR):	6027 S Eastern Avenue		

Original Source: California Department 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	SE	0.47	2,463.22	136.41	WATER WELLS

WCR No:	WCR2000-010374	City(OSWCR):	Commerce
City:	Commerce	County(OSWCR):	Los Angeles
County:	Los Angeles	Decimal Lat(OSWCR):	33.98223
Decimal Latitude:	33.98223	Decim Long(OSWCR):	-118.16046
Decimal Longitude:	-118.16046		
Location:	6141-6241 Randolph Street		
Location(OSWCR):	6141-6241 Randolph Street		
Original Source:	California Department 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	SE	0.47	2,463.22	136.41	WATER WELLS

WCR No:	WCR0207923	City(OSWCR):	None
City:	None	County(OSWCR):	Los Angeles
County:	Los Angeles	Decimal Lat(OSWCR):	33.98223
Decimal Latitude:	33.98223	Decim Long(OSWCR):	-118.16046
Decimal Longitude:	-118.16046		
Location:	None		
Location(OSWCR):	None		
Original Source:	California Department 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	SE	0.47	2,463.22	136.41	WATER WELLS

WCR No:	WCR0242785	City(OSWCR):	None
City:	None	County(OSWCR):	Los Angeles
County:	Los Angeles	Decimal Lat(OSWCR):	33.98223
Decimal Latitude:	33.98223	Decim Long(OSWCR):	-118.16046
Decimal Longitude:	-118.16046		
Location:	None		
Location(OSWCR):	None		
Original Source:	California Department 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	SE	0.47	2,463.22	136.41	WATER WELLS

WCR No:	WCR0202856	City(OSWCR):	None

City:	None	County(OSWCR):	Los Angeles
County:	Los Angeles	Decimal Lat(OSWCR):	33.98223
Decimal Latitude:	33.98223	Decim Long(OSWCR):	-118.16046
Decimal Longitude:	-118.16046		
Location:	None		
Location(OSWCR):	None		
Original Source:	California Department 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	SE	0.47	2,463.22	136.41	WATER WELLS

WCR No:	WCR1956-001639	City(OSWCR):	Los Angeles
City:	Los Angeles	County(OSWCR):	Los Angeles
County:	Los Angeles	Decimal Lat(OSWCR):	33.98223
Decimal Latitude:	33.98223	Decim Long(OSWCR):	-118.16046
Decimal Longitude:	-118.16046		
Location:	S Eastern Avenue		
Location(OSWCR):	S Eastern Avenue		
Original Source:	California Department 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	SE	0.47	2,463.22	136.41	WATER WELLS

WCR No:	WCR2013-010920	City(OSWCR):	Commerce
City:	Commerce	County(OSWCR):	Los Angeles
County:	Los Angeles	Decimal Lat(OSWCR):	33.98223
Decimal Latitude:	33.98223	Decim Long(OSWCR):	-118.16046
Decimal Longitude:	-118.16046		
Location:	5501 E Slauson Avenue		
Location(OSWCR):	5501 E Slauson Avenue		
Original Source:	California Department 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	SE	0.47	2,463.22	136.41	WATER WELLS

WCR No:	WCR2016-005415	City(OSWCR):	Commerce
City:	Commerce	County(OSWCR):	Los Angeles
County:	Los Angeles	Decimal Lat(OSWCR):	33.98223
Decimal Latitude:	33.98223	Decim Long(OSWCR):	-118.16046
Decimal Longitude:	-118.16046		
Location:	5424 E Slauson AVE		
Location(OSWCR):	5424 E Slauson AVE		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Wells and Additional Sources Detail Report

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
33	SE	0.47	2,463.22	136.41	WATER WELLS

WCR No:	WCR1980-009230	City(OSWCR):	Commerce
City:	Commerce	County(OSWCR):	Los Angeles
County:	Los Angeles	Decimal Lat(OSWCR):	33.98223
Decimal Latitude:	33.98223	Decim Long(OSWCR):	-118.16046
Decimal Longitude:	-118.16046		
Location:	S Eastern Avenue		
Location(OSWCR):	S Eastern Avenue		
Original Source:	California Department 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	SE	0.47	2,463.22	136.41	WATER WELLS

WCR No:	WCR2014-010167	City(OSWCR):	Commerce
City:	Commerce	County(OSWCR):	Los Angeles
County:	Los Angeles	Decimal Lat(OSWCR):	33.98223
Decimal Latitude:	33.98223	Decim Long(OSWCR):	-118.16046
Decimal Longitude:	-118.16046		
Location:	5501 E Slauson Avenue		
Location(OSWCR):	5501 E Slauson Avenue		
Original Source:	California Department 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	SE	0.47	2,463.22	136.41	WATER WELLS

WCR No:	WCR2000-012644	City(OSWCR):	Commerce
City:	Commerce	County(OSWCR):	Los Angeles
County:	Los Angeles	Decimal Lat(OSWCR):	33.98223
Decimal Latitude:	33.98223	Decim Long(OSWCR):	-118.16046
Decimal Longitude:	-118.16046		
Location:	6141-6241 Randolph Street		
Location(OSWCR):	6141-6241 Randolph Street		
Original Source:	California Department 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	SE	0.47	2,463.22	136.41	WATER WELLS

WCR No:	WCR1956-001638	City(OSWCR):	Bell Gardens
City:	Bell Gardens	County(OSWCR):	Los Angeles
County:	Los Angeles	Decimal Lat(OSWCR):	33.98223

Decimal Latitude:	33.98223	Decim Long(OSWCR):	-118.16046
Decimal Longitude:	-118.16046		
Location:	EASTERN AVE, 61ST ST		
Location(OSWCR):	EASTERN AVE, 61ST ST		
Original Source:	California Department 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	SE	0.47	2,463.22	136.41	WATER WELLS

WCR No:	WCR2016-005419	City(OSWCR):	Commerce
City:	Commerce	County(OSWCR):	Los Angeles
County:	Los Angeles	Decimal Lat(OSWCR):	33.98223
Decimal Latitude:	33.98223	Decim Long(OSWCR):	-118.16046
Decimal Longitude:	-118.16046		
Location:	5366 E Slauson AVE		
Location(OSWCR):	5366 E Slauson AVE		
Original Source:	California Department 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	SE	0.47	2,463.22	136.41	WATER WELLS

WCR No:	WCR0207924	City(OSWCR):	None
City:	None	County(OSWCR):	Los Angeles
County:	Los Angeles	Decimal Lat(OSWCR):	33.98223
Decimal Latitude:	33.98223	Decim Long(OSWCR):	-118.16046
Decimal Longitude:	-118.16046		
Location:	None		
Location(OSWCR):	None		
Original Source:	California Department 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	SE	0.47	2,463.22	136.41	WATER WELLS

WCR No:	WCR2002-014019	City(OSWCR):	Bell Gardens
City:	Bell Gardens	County(OSWCR):	Los Angeles
County:	Los Angeles	Decimal Lat(OSWCR):	33.98223
Decimal Latitude:	33.98223	Decim Long(OSWCR):	-118.16046
Decimal Longitude:	-118.16046		
Location:	e/s Colmar Ave n/o Lanto St		
Location(OSWCR):	e/s Colmar Ave n/o Lanto St		
Original Source:	California Department 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
33	SE	0.47	2,463.22	136.41	WATER WELLS

WCR No:	WCR0083215	City(OSWCR):	None
City:	None	County(OSWCR):	Los Angeles
County:	Los Angeles	Decimal Lat(OSWCR):	33.98223
Decimal Latitude:	33.98223	Decim Long(OSWCR):	-118.16046
Decimal Longitude:	-118.16046		
Location:	None		
Location(OSWCR):	None		
Original Source:	California Department 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	SE	0.47	2,463.22	136.41	WATER WELLS

WCR No:	WCR0148380	City(OSWCR):	None
City:	None	County(OSWCR):	Los Angeles
County:	Los Angeles	Decimal Lat(OSWCR):	33.98223
Decimal Latitude:	33.98223	Decim Long(OSWCR):	-118.16046
Decimal Longitude:	-118.16046		
Location:	None		
Location(OSWCR):	None		
Original Source:	California Department 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	SE	0.47	2,463.22	136.41	WATER WELLS

WCR No:	WCR1993-010781	City(OSWCR):	None
City:	None	County(OSWCR):	Los Angeles
County:	Los Angeles	Decimal Lat(OSWCR):	33.98223
Decimal Latitude:	33.98223	Decim Long(OSWCR):	-118.16046
Decimal Longitude:	-118.16046		
Location:	6334 S Vermont Avenue		
Location(OSWCR):	6334 S Vermont Avenue		
Original Source:	California Department 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	SE	0.47	2,463.22	136.41	WATER WELLS

WCR No:	WCR0313178	City(OSWCR):	None
City:	None	County(OSWCR):	Los Angeles
County:	Los Angeles	Decimal Lat(OSWCR):	33.98223
Decimal Latitude:	33.98223	Decim Long(OSWCR):	-118.16046
Decimal Longitude:	-118.16046		

Location: None
Location(OSWCR): None
Original Source: California Department 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	SE	0.47	2,463.22	136.41	WATER WELLS

WCR No: WCR0265353
City: None
County: Los Angeles
Decimal Latitude: 33.98223
Decimal Longitude: -118.16046
Location: None
Location(OSWCR): None
City(OSWCR): None
County(OSWCR): Los Angeles
Decimal Lat(OSWCR): 33.98223
Decim Long(OSWCR): -118.16046
Original Source: California Department 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	SE	0.47	2,463.22	136.41	WATER WELLS

WCR No: WCR1918-000097
City: None
County: Los Angeles
Decimal Latitude: 33.98223
Decimal Longitude: -118.16046
Location: L A RIVER, SLAUSON AVE
Location(OSWCR): L A RIVER, SLAUSON AVE
City(OSWCR): None
County(OSWCR): Los Angeles
Decimal Lat(OSWCR): 33.98223
Decim Long(OSWCR): -118.16046
Original Source: California Department 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	SE	0.47	2,463.22	136.41	WATER WELLS

WCR No: WCR2011-010496
City: Commerce
County: Los Angeles
Decimal Latitude: 33.98223
Decimal Longitude: -118.16046
Location: 6141 Randolph Street
Location(OSWCR): 6141 Randolph Street
City(OSWCR): Commerce
County(OSWCR): Los Angeles
Decimal Lat(OSWCR): 33.98223
Decim Long(OSWCR): -118.16046
Original Source: California Department 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	SE	0.47	2,463.22	136.41	WATER WELLS

WCR No:	WCR2014-010789	City(OSWCR):	Commerce
City:	Commerce	County(OSWCR):	Los Angeles
County:	Los Angeles	Decimal Lat(OSWCR):	33.98223
Decimal Latitude:	33.98223	Decim Long(OSWCR):	-118.16046
Decimal Longitude:	-118.16046		
Location:	5501 E Slauson AVE		
Location(OSWCR):	5501 E Slauson AVE		
Original Source:	California Department 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	SE	0.47	2,463.22	136.41	WATER WELLS

WCR No:	WCR1986-011601	City(OSWCR):	Commerce
City:	Commerce	County(OSWCR):	Los Angeles
County:	Los Angeles	Decimal Lat(OSWCR):	33.98223
Decimal Latitude:	33.98223	Decim Long(OSWCR):	-118.16046
Decimal Longitude:	-118.16046		
Location:	EASTERN AVE, 61ST ST		
Location(OSWCR):	EASTERN AVE, 61ST ST		
Original Source:	California Department 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	SE	0.47	2,463.22	136.41	WATER WELLS

WCR No:	WCR2014-009978	City(OSWCR):	Commerce
City:	Commerce	County(OSWCR):	Los Angeles
County:	Los Angeles	Decimal Lat(OSWCR):	33.98223
Decimal Latitude:	33.98223	Decim Long(OSWCR):	-118.16046
Decimal Longitude:	-118.16046		
Location:	5501 E Slauson Avenue		
Location(OSWCR):	5501 E Slauson Avenue		
Original Source:	California Department 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	SE	0.47	2,463.22	136.41	WATER WELLS

WCR No:	WCR2015-002155	City(OSWCR):	Commerce
City:	Commerce	County(OSWCR):	Los Angeles
County:	Los Angeles	Decimal Lat(OSWCR):	33.98223
Decimal Latitude:	33.98223	Decim Long(OSWCR):	-118.16046
Decimal Longitude:	-118.16046		
Location:	5501 E Slauson AVE		
Location(OSWCR):	5501 E Slauson AVE		

Original Source: California Department 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	SE	0.47	2,463.22	136.41	WATER WELLS

WCR No:	WCR1918-000193	City(OSWCR):	None
City:	None	County(OSWCR):	Los Angeles
County:	Los Angeles	Decimal Lat(OSWCR):	33.98223
Decimal Latitude:	33.98223	Decim Long(OSWCR):	-118.16046
Decimal Longitude:	-118.16046		
Location:	LA RIVER, SLAUSON AVE, E OF MAYWOOD		
Location(OSWCR):	LA RIVER, SLAUSON AVE, E OF MAYWOOD		
Original Source:	California Department 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	SE	0.47	2,463.22	136.41	WATER WELLS

WCR No:	WCR2011-010497	City(OSWCR):	Commerce
City:	Commerce	County(OSWCR):	Los Angeles
County:	Los Angeles	Decimal Lat(OSWCR):	33.98223
Decimal Latitude:	33.98223	Decim Long(OSWCR):	-118.16046
Decimal Longitude:	-118.16046		
Location:	6141 Randolph Street		
Location(OSWCR):	6141 Randolph Street		
Original Source:	California Department 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	SE	0.47	2,463.22	136.41	WATER WELLS

WCR No:	WCR2018-001949	City(OSWCR):	Commerce
City:	Commerce	County(OSWCR):	Los Angeles
County:	Los Angeles	Decimal Lat(OSWCR):	33.98223
Decimal Latitude:	33.98223	Decim Long(OSWCR):	-118.16046
Decimal Longitude:	-118.16046		
Location:	5333 E Slauson AVE		
Location(OSWCR):	5333 E Slauson AVE		
Original Source:	California Department 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	W	0.50	2,615.42	143.41	WATER WELLS

WCR No:	WCR2019-000253	City(OSWCR):	Maywood

City:	Maywood	County(OSWCR):	Los Angeles
County:	Los Angeles	Decimal Lat(OSWCR):	33.9875
Decimal Latitude:	33.9875	Decim Long(OSWCR):	-118.1763889
Decimal Longitude:	-118.1763889		
Location:	5801 Alamo Avenue		
Location(OSWCR):	5801 Alamo Avenue		
Original Source:	California Department 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	W	0.50	2,615.42	143.41	WATER WELLS

WCR No:	WCR2019-000252	City(OSWCR):	Maywood
City:	Maywood	County(OSWCR):	Los Angeles
County:	Los Angeles	Decimal Lat(OSWCR):	33.9875
Decimal Latitude:	33.9875	Decim Long(OSWCR):	-118.1763889
Decimal Longitude:	-118.1763889		
Location:	4801 East 58th Street		
Location(OSWCR):	4801 East 58th Street		
Original Source:	California Department 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	W	0.50	2,615.42	143.41	WATER WELLS

WCR No:	WCR2019-000249	City(OSWCR):	Maywood
City:	Maywood	County(OSWCR):	Los Angeles
County:	Los Angeles	Decimal Lat(OSWCR):	33.9875
Decimal Latitude:	33.9875	Decim Long(OSWCR):	-118.1763889
Decimal Longitude:	-118.1763889		
Location:	5155 East 60th Street		
Location(OSWCR):	5155 East 60th Street		
Original Source:	California Department 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	W	0.50	2,615.42	143.41	WATER WELLS

WCR No:	WCR2019-000258	City(OSWCR):	Maywood
City:	Maywood	County(OSWCR):	Los Angeles
County:	Los Angeles	Decimal Lat(OSWCR):	33.9875
Decimal Latitude:	33.9875	Decim Long(OSWCR):	-118.1763889
Decimal Longitude:	-118.1763889		
Location:	5155 East 60th Street		
Location(OSWCR):	5155 East 60th Street		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Wells and Additional Sources Detail Report

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
34	W	0.50	2,615.42	143.41	WATER WELLS

WCR No:	WCR2019-000245	City(OSWCR):	Maywood
City:	Maywood	County(OSWCR):	Los Angeles
County:	Los Angeles	Decimal Lat(OSWCR):	33.9875
Decimal Latitude:	33.9875	Decim Long(OSWCR):	-118.1763889
Decimal Longitude:	-118.1763889		
Location:	4801 East 58th Street		
Location(OSWCR):	4801 East 58th Street		
Original Source:	California Department 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	W	0.50	2,615.42	143.41	WATER WELLS

WCR No:	WCR2019-000246	City(OSWCR):	Maywood
City:	Maywood	County(OSWCR):	Los Angeles
County:	Los Angeles	Decimal Lat(OSWCR):	33.9875
Decimal Latitude:	33.9875	Decim Long(OSWCR):	-118.1763889
Decimal Longitude:	-118.1763889		
Location:	5801 Alamo Avenue		
Location(OSWCR):	5801 Alamo Avenue		
Original Source:	California Department 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	W	0.50	2,615.42	143.41	WATER WELLS

WCR No:	WCR2019-000250	City(OSWCR):	Vernon
City:	Vernon	County(OSWCR):	Los Angeles
County:	Los Angeles	Decimal Lat(OSWCR):	33.9875
Decimal Latitude:	33.9875	Decim Long(OSWCR):	-118.1763889
Decimal Longitude:	-118.1763889		
Location:	5725 District Boulevard		
Location(OSWCR):	5725 District Boulevard		
Original Source:	California Department 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	S	0.52	2,731.42	137.37	WATER WELLS

WCR No:	WCR2019-013210	City(OSWCR):	Commerce
City:	Commerce	County(OSWCR):	Los Angeles
County:	Los Angeles	Decimal Lat(OSWCR):	33.980128

Decimal Latitude:	33.980128	Decim Long(OSWCR):	-118.165601
Decimal Longitude:	-118.165601		
Location:	5619 Randolph ST		
Location(OSWCR):	5619 Randolph ST		
Original Source:	California Department 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	S	0.52	2,731.42	137.37	WATER WELLS

WCR No:	WCR2019-013211	City(OSWCR):	Commerce
City:	Commerce	County(OSWCR):	Los Angeles
County:	Los Angeles	Decimal Lat(OSWCR):	33.980128
Decimal Latitude:	33.980128	Decim Long(OSWCR):	-118.165601
Decimal Longitude:	-118.165601		
Location:	5619 Randolph ST		
Location(OSWCR):	5619 Randolph ST		
Original Source:	California Department 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	S	0.52	2,731.42	137.37	WATER WELLS

WCR No:	WCR2019-013212	City(OSWCR):	Commerce
City:	Commerce	County(OSWCR):	Los Angeles
County:	Los Angeles	Decimal Lat(OSWCR):	33.980128
Decimal Latitude:	33.980128	Decim Long(OSWCR):	-118.165601
Decimal Longitude:	-118.165601		
Location:	5619 Randolph ST		
Location(OSWCR):	5619 Randolph ST		
Original Source:	California Department 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	S	0.52	2,731.42	137.37	WATER WELLS

WCR No:	WCR2019-013206	City(OSWCR):	Commerce
City:	Commerce	County(OSWCR):	Los Angeles
County:	Los Angeles	Decimal Lat(OSWCR):	33.980128
Decimal Latitude:	33.980128	Decim Long(OSWCR):	-118.165601
Decimal Longitude:	-118.165601		
Location:	5619 Randolph ST		
Location(OSWCR):	5619 Randolph ST		
Original Source:	California Department 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	S	0.52	2,731.42	137.37	WATER WELLS

WCR No:	WCR2019-013209	City(OSWCR):	Commerce
City:	Commerce	County(OSWCR):	Los Angeles
County:	Los Angeles	Decimal Lat(OSWCR):	33.980128
Decimal Latitude:	33.980128	Decim Long(OSWCR):	-118.165601
Decimal Longitude:	-118.165601		
Location:	5619 Randolph ST		
Location(OSWCR):	5619 Randolph ST		
Original Source:	California Department 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	S	0.52	2,731.42	137.37	WATER WELLS

WCR No:	WCR2019-013205	City(OSWCR):	Commerce
City:	Commerce	County(OSWCR):	Los Angeles
County:	Los Angeles	Decimal Lat(OSWCR):	33.980128
Decimal Latitude:	33.980128	Decim Long(OSWCR):	-118.165601
Decimal Longitude:	-118.165601		
Location:	5619 Randolph ST		
Location(OSWCR):	5619 Randolph ST		
Original Source:	California Department 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	S	0.52	2,769.12	137.70	WATER WELLS

WCR No:	WCR2019-007636	City(OSWCR):	Commerce
City:	Commerce	County(OSWCR):	Los Angeles
County:	Los Angeles	Decimal Lat(OSWCR):	33.980028
Decimal Latitude:	33.980028	Decim Long(OSWCR):	-118.165611
Decimal Longitude:	-118.165611		
Location:	5619 Randolph ST		
Location(OSWCR):	5619 Randolph ST		
Original Source:	California Department 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	S	0.52	2,769.12	137.70	WATER WELLS

WCR No:	WCR2019-007639	City(OSWCR):	Commerce
City:	Commerce	County(OSWCR):	Los Angeles
County:	Los Angeles	Decimal Lat(OSWCR):	33.980028
Decimal Latitude:	33.980028	Decim Long(OSWCR):	-118.165611
Decimal Longitude:	-118.165611		

Location: 5619 Randolph ST
Location(OSWCR): 5619 Randolph ST
Original Source: California Department 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	S	0.52	2,769.12	137.70	WATER WELLS

WCR No: WCR2019-007640
City: Commerce
County: Los Angeles
Decimal Latitude: 33.980028
Decimal Longitude: -118.165611
Location: 5619 Randolph ST
Location(OSWCR): 5619 Randolph ST
City(OSWCR): Commerce
County(OSWCR): Los Angeles
Decimal Lat(OSWCR): 33.980028
Decim Long(OSWCR): -118.165611
Original Source: California Department 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	S	0.52	2,769.12	137.70	WATER WELLS

WCR No: WCR2019-007638
City: Commerce
County: Los Angeles
Decimal Latitude: 33.980028
Decimal Longitude: -118.165611
Location: 5619 Randolph ST
Location(OSWCR): 5619 Randolph ST
City(OSWCR): Commerce
County(OSWCR): Los Angeles
Decimal Lat(OSWCR): 33.980028
Decim Long(OSWCR): -118.165611
Original Source: California Department 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	S	0.52	2,769.12	137.70	WATER WELLS

WCR No: WCR2019-007626
City: Commerce
County: Los Angeles
Decimal Latitude: 33.980028
Decimal Longitude: -118.165611
Location: 5619 Randolph ST
Location(OSWCR): 5619 Randolph ST
City(OSWCR): Commerce
County(OSWCR): Los Angeles
Decimal Lat(OSWCR): 33.980028
Decim Long(OSWCR): -118.165611
Original Source: California Department 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	S	0.52	2,769.12	137.70	WATER WELLS

WCR No:	WCR2019-007753	City(OSWCR):	Commerce
City:	Commerce	County(OSWCR):	Los Angeles
County:	Los Angeles	Decimal Lat(OSWCR):	33.980028
Decimal Latitude:	33.980028	Decim Long(OSWCR):	-118.165611
Decimal Longitude:	-118.165611		
Location:	5619 Randolph ST		
Location(OSWCR):	5619 Randolph ST		
Original Source:	California Department 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	S	0.52	2,769.12	137.70	WATER WELLS

WCR No:	WCR2019-007634	City(OSWCR):	Commerce
City:	Commerce	County(OSWCR):	Los Angeles
County:	Los Angeles	Decimal Lat(OSWCR):	33.980028
Decimal Latitude:	33.980028	Decim Long(OSWCR):	-118.165611
Decimal Longitude:	-118.165611		
Location:	5619 Randolph ST		
Location(OSWCR):	5619 Randolph ST		
Original Source:	California Department 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	S	0.52	2,769.12	137.70	WATER WELLS

WCR No:	WCR2019-007621	City(OSWCR):	Commerce
City:	Commerce	County(OSWCR):	Los Angeles
County:	Los Angeles	Decimal Lat(OSWCR):	33.980021
Decimal Latitude:	33.980021	Decim Long(OSWCR):	-118.165605
Decimal Longitude:	-118.165605		
Location:	5619 Randolph ST		
Location(OSWCR):	5619 Randolph ST		
Original Source:	California Department 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	W	0.53	2,776.34	144.41	WATER WELLS

WCR No:	WCR2019-013383	City(OSWCR):	Los Angeles
City:	Los Angeles	County(OSWCR):	Los Angeles
County:	Los Angeles	Decimal Lat(OSWCR):	33.9880567
Decimal Latitude:	33.9880567	Decim Long(OSWCR):	-118.1769301
Decimal Longitude:	-118.1769301		
Location:	4885 E 52nd PL		
Location(OSWCR):	4885 E 52nd PL		

Original Source: California Department 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	W	0.53	2,776.34	144.41	WATER WELLS

WCR No:	WCR2019-013200	City(OSWCR):	Los Angeles
City:	Los Angeles	County(OSWCR):	Los Angeles
County:	Los Angeles	Decimal Lat(OSWCR):	33.9880567
Decimal Latitude:	33.9880567	Decim Long(OSWCR):	-118.1769301
Decimal Longitude:	-118.1769301		
Location:	4885 E 52nd PL		
Location(OSWCR):	4885 E 52nd PL		
Original Source:	California Department 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	W	0.53	2,776.34	144.41	WATER WELLS

WCR No:	WCR2019-013332	City(OSWCR):	Los Angeles
City:	Los Angeles	County(OSWCR):	Los Angeles
County:	Los Angeles	Decimal Lat(OSWCR):	33.9880567
Decimal Latitude:	33.9880567	Decim Long(OSWCR):	-118.1769301
Decimal Longitude:	-118.1769301		
Location:	4885 E 52nd PL		
Location(OSWCR):	4885 E 52nd PL		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
39	S	0.54	2,835.54	139.41	WATER WELLS

WCR No:	WCR2019-013213	City(OSWCR):	Commerce
City:	Commerce	County(OSWCR):	Los Angeles
County:	Los Angeles	Decimal Lat(OSWCR):	33.979849
Decimal Latitude:	33.979849	Decim Long(OSWCR):	-118.164886
Decimal Longitude:	-118.164886		
Location:	5619 Randolph ST		
Location(OSWCR):	5619 Randolph ST		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
44	WNW	0.60	3,145.33	148.41	WATER WELLS

WCR No:	WCR2015-003862	City(OSWCR):	Vernon

Wells and Additional Sources Detail Report

City:	Vernon	County(OSWCR):	Los Angeles
County:	Los Angeles	Decimal Lat(OSWCR):	33.99092
Decimal Latitude:	33.99092	Decim Long(OSWCR):	-118.17749
Decimal Longitude:	-118.17749		
Location:	5431 District BLVD		
Location(OSWCR):	5431 District BLVD		
Original Source:	California Department 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	WNW	0.61	3,196.16	148.46	WATER WELLS

WCR No:	WCR2017-011460	City(OSWCR):	VERNON
City:	VERNON	County(OSWCR):	Los Angeles
County:	Los Angeles	Decimal Lat(OSWCR):	33.991093
Decimal Latitude:	33.991093	Decim Long(OSWCR):	-118.17759
Decimal Longitude:	-118.17759		
Location:	5431 DISTRICT BLVD.		
Location(OSWCR):	5431 DISTRICT BLVD.		
Original Source:	California Department 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	W	0.61	3,200.86	147.41	WATER WELLS

WCR No:	WCR2019-013201	City(OSWCR):	Los Angeles
City:	Los Angeles	County(OSWCR):	Los Angeles
County:	Los Angeles	Decimal Lat(OSWCR):	33.98933
Decimal Latitude:	33.98933	Decim Long(OSWCR):	-118.17819
Decimal Longitude:	-118.17819		
Location:	4885 E 52nd PL		
Location(OSWCR):	4885 E 52nd PL		
Original Source:	California Department 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	W	0.61	3,200.86	147.41	WATER WELLS

WCR No:	WCR2019-013330	City(OSWCR):	Los Angeles
City:	Los Angeles	County(OSWCR):	Los Angeles
County:	Los Angeles	Decimal Lat(OSWCR):	33.98933
Decimal Latitude:	33.98933	Decim Long(OSWCR):	-118.17819
Decimal Longitude:	-118.17819		
Location:	4885 E 52nd PL		
Location(OSWCR):	4885 E 52nd PL		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Wells and Additional Sources Detail Report

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
46	W	0.61	3,200.86	147.41	WATER WELLS

WCR No:	WCR2019-013203	City(OSWCR):	Los Angeles
City:	Los Angeles	County(OSWCR):	Los Angeles
County:	Los Angeles	Decimal Lat(OSWCR):	33.98933
Decimal Latitude:	33.98933	Decim Long(OSWCR):	-118.17819
Decimal Longitude:	-118.17819		
Location:	4885 E 52nd PL		
Location(OSWCR):	4885 E 52nd PL		
Original Source:	California Department 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	W	0.61	3,200.86	147.41	WATER WELLS

WCR No:	WCR2019-013328	City(OSWCR):	Los Angeles
City:	Los Angeles	County(OSWCR):	Los Angeles
County:	Los Angeles	Decimal Lat(OSWCR):	33.98933
Decimal Latitude:	33.98933	Decim Long(OSWCR):	-118.17819
Decimal Longitude:	-118.17819		
Location:	4885 E 52nd PL		
Location(OSWCR):	4885 E 52nd PL		
Original Source:	California Department 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	WNW	0.62	3,247.57	148.41	WATER WELLS

WCR No:	WCR2017-011461	City(OSWCR):	VERNON
City:	VERNON	County(OSWCR):	Los Angeles
County:	Los Angeles	Decimal Lat(OSWCR):	33.990784
Decimal Latitude:	33.990784	Decim Long(OSWCR):	-118.177907
Decimal Longitude:	-118.177907		
Location:	5431 DISTRICT BLVD.		
Location(OSWCR):	5431 DISTRICT BLVD.		
Original Source:	California Department 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	WNW	0.62	3,293.69	148.41	WATER WELLS

WCR No:	WCR2015-003819	City(OSWCR):	Vernon
City:	Vernon	County(OSWCR):	Los Angeles
County:	Los Angeles	Decimal Lat(OSWCR):	33.99119

Decimal Latitude:	33.99119	Decim Long(OSWCR):	-118.17789
Decimal Longitude:	-118.17789		
Location:	5431 District BLVD		
Location(OSWCR):	5431 District BLVD		
Original Source:	California Department 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	WNW	0.64	3,400.01	148.41	WATER WELLS

WCR No:	WCR2017-011459	City(OSWCR):	VERNON
City:	VERNON	County(OSWCR):	Los Angeles
County:	Los Angeles	Decimal Lat(OSWCR):	33.991433
Decimal Latitude:	33.991433	Decim Long(OSWCR):	-118.178151
Decimal Longitude:	-118.178151		
Location:	5431 DISTRICT BLVD.		
Location(OSWCR):	5431 DISTRICT BLVD.		
Original Source:	California Department 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	WNW	0.65	3,415.71	148.59	WATER WELLS

WCR No:	WCR2015-003884	City(OSWCR):	Vernon
City:	Vernon	County(OSWCR):	Los Angeles
County:	Los Angeles	Decimal Lat(OSWCR):	33.99108
Decimal Latitude:	33.99108	Decim Long(OSWCR):	-118.17837
Decimal Longitude:	-118.17837		
Location:	5431 District BLVD		
Location(OSWCR):	5431 District BLVD		
Original Source:	California Department 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	WNW	0.66	3,495.22	148.99	WATER WELLS

WCR No:	WCR2017-011462	City(OSWCR):	VERNON
City:	VERNON	County(OSWCR):	Los Angeles
County:	Los Angeles	Decimal Lat(OSWCR):	33.991188
Decimal Latitude:	33.991188	Decim Long(OSWCR):	-118.178602
Decimal Longitude:	-118.178602		
Location:	5431 DISTRICT BLVD.		
Location(OSWCR):	5431 DISTRICT BLVD.		
Original Source:	California Department 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
52	WNW	0.66	3,504.23	148.41	WATER WELLS

WCR No:	WCR2015-003863	City(OSWCR):	Vernon
City:	Vernon	County(OSWCR):	Los Angeles
County:	Los Angeles	Decimal Lat(OSWCR):	33.99154
Decimal Latitude:	33.99154	Decim Long(OSWCR):	-118.17847
Decimal Longitude:	-118.17847		
Location:	5431 District BLVD		
Location(OSWCR):	5431 District BLVD		
Original Source:	California Department 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	NNE	0.68	3,610.00	142.41	WATER WELLS

WCR No:	WCR0128581	City(OSWCR):	None
City:	None	County(OSWCR):	Los Angeles
County:	Los Angeles	Decimal Lat(OSWCR):	33.9967
Decimal Latitude:	33.9967	Decim Long(OSWCR):	-118.16052
Decimal Longitude:	-118.16052		
Location:	None		
Location(OSWCR):	None		
Original Source:	California Department 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	NNE	0.68	3,610.00	142.41	WATER WELLS

WCR No:	WCR1950-001937	City(OSWCR):	None
City:	None	County(OSWCR):	Los Angeles
County:	Los Angeles	Decimal Lat(OSWCR):	33.9967
Decimal Latitude:	33.9967	Decim Long(OSWCR):	-118.16052
Decimal Longitude:	-118.16052		
Location:	WASHINGTON BLVD, WILMA ST		
Location(OSWCR):	WASHINGTON BLVD, WILMA ST		
Original Source:	California Department 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	NNE	0.68	3,610.00	142.41	WATER WELLS

WCR No:	WCR0082976	City(OSWCR):	None
City:	None	County(OSWCR):	Los Angeles
County:	Los Angeles	Decimal Lat(OSWCR):	33.9967
Decimal Latitude:	33.9967	Decim Long(OSWCR):	-118.16052
Decimal Longitude:	-118.16052		

Location: None
Location(OSWCR): None
Original Source: California Department 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	NNE	0.68	3,610.00	142.41	WATER WELLS

WCR No: WCR1985-009693
City: None
County: Los Angeles
Decimal Latitude: 33.9967
Decimal Longitude: -118.16052
Location: 5720 E BANDINI BLVD
Location(OSWCR): 5720 E BANDINI BLVD
City(OSWCR): None
County(OSWCR): Los Angeles
Decimal Lat(OSWCR): 33.9967
Decim Long(OSWCR): -118.16052
Original Source: California Department 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	NNE	0.68	3,610.00	142.41	WATER WELLS

WCR No: WCR0082974
City: None
County: Los Angeles
Decimal Latitude: 33.9967
Decimal Longitude: -118.16052
Location: None
Location(OSWCR): None
City(OSWCR): None
County(OSWCR): Los Angeles
Decimal Lat(OSWCR): 33.9967
Decim Long(OSWCR): -118.16052
Original Source: California Department 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	NNE	0.68	3,610.00	142.41	WATER WELLS

WCR No: WCR0231076
City: None
County: Los Angeles
Decimal Latitude: 33.9967
Decimal Longitude: -118.16052
Location: None
Location(OSWCR): None
City(OSWCR): None
County(OSWCR): Los Angeles
Decimal Lat(OSWCR): 33.9967
Decim Long(OSWCR): -118.16052
Original Source: California Department 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	NNE	0.68	3,610.00	142.41	WATER WELLS

WCR No:	WCR0310746	City(OSWCR):	None
City:	None	County(OSWCR):	Los Angeles
County:	Los Angeles	Decimal Lat(OSWCR):	33.9967
Decimal Latitude:	33.9967	Decim Long(OSWCR):	-118.16052
Decimal Longitude:	-118.16052		
Location:	None		
Location(OSWCR):	None		
Original Source:	California Department 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	NNE	0.68	3,610.00	142.41	WATER WELLS

WCR No:	WCR0103452	City(OSWCR):	None
City:	None	County(OSWCR):	Los Angeles
County:	Los Angeles	Decimal Lat(OSWCR):	33.9967
Decimal Latitude:	33.9967	Decim Long(OSWCR):	-118.16052
Decimal Longitude:	-118.16052		
Location:	None		
Location(OSWCR):	None		
Original Source:	California Department 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	NNE	0.68	3,610.00	142.41	WATER WELLS

WCR No:	WCR0242434	City(OSWCR):	None
City:	None	County(OSWCR):	Los Angeles
County:	Los Angeles	Decimal Lat(OSWCR):	33.9967
Decimal Latitude:	33.9967	Decim Long(OSWCR):	-118.16052
Decimal Longitude:	-118.16052		
Location:	None		
Location(OSWCR):	None		
Original Source:	California Department 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	NNE	0.68	3,610.00	142.41	WATER WELLS

WCR No:	WCR1776-008040	City(OSWCR):	None
City:	None	County(OSWCR):	Los Angeles
County:	Los Angeles	Decimal Lat(OSWCR):	33.9967
Decimal Latitude:	33.9967	Decim Long(OSWCR):	-118.16052
Decimal Longitude:	-118.16052		
Location:	R LAGUNA SECTION		
Location(OSWCR):	R LAGUNA SECTION		

Original Source: California Department 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	NNE	0.68	3,610.00	142.41	WATER WELLS

WCR No:	WCR0323318	City(OSWCR):	None
City:	None	County(OSWCR):	Los Angeles
County:	Los Angeles	Decimal Lat(OSWCR):	33.9967
Decimal Latitude:	33.9967	Decim Long(OSWCR):	-118.16052
Decimal Longitude:	-118.16052		
Location:	None		
Location(OSWCR):	None		
Original Source:	California Department 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	NNE	0.68	3,610.00	142.41	WATER WELLS

WCR No:	WCR0208999	City(OSWCR):	None
City:	None	County(OSWCR):	Los Angeles
County:	Los Angeles	Decimal Lat(OSWCR):	33.9967
Decimal Latitude:	33.9967	Decim Long(OSWCR):	-118.16052
Decimal Longitude:	-118.16052		
Location:	None		
Location(OSWCR):	None		
Original Source:	California Department 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	NNE	0.68	3,610.00	142.41	WATER WELLS

WCR No:	WCR2006-011588	City(OSWCR):	Commerce
City:	Commerce	County(OSWCR):	Los Angeles
County:	Los Angeles	Decimal Lat(OSWCR):	33.9967
Decimal Latitude:	33.9967	Decim Long(OSWCR):	-118.16052
Decimal Longitude:	-118.16052		
Location:	6608 E 26th Street		
Location(OSWCR):	6608 E 26th Street		
Original Source:	California Department 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	NNE	0.68	3,610.00	142.41	WATER WELLS

WCR No:	WCR2011-010001	City(OSWCR):	Commerce

City:	Commerce	County(OSWCR):	Los Angeles
County:	Los Angeles	Decimal Lat(OSWCR):	33.9967
Decimal Latitude:	33.9967	Decim Long(OSWCR):	-118.16052
Decimal Longitude:	-118.16052		
Location:	Sheila Street & O'Neill Avenue		
Location(OSWCR):	Sheila Street & O'Neill Avenue		
Original Source:	California Department 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	NNE	0.68	3,610.00	142.41	WATER WELLS

WCR No:	WCR2011-009998	City(OSWCR):	Commerce
City:	Commerce	County(OSWCR):	Los Angeles
County:	Los Angeles	Decimal Lat(OSWCR):	33.9967
Decimal Latitude:	33.9967	Decim Long(OSWCR):	-118.16052
Decimal Longitude:	-118.16052		
Location:	Sheila Street & O'Neill Avenue		
Location(OSWCR):	Sheila Street & O'Neill Avenue		
Original Source:	California Department 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	NNE	0.68	3,610.00	142.41	WATER WELLS

WCR No:	WCR2006-012675	City(OSWCR):	Commerce
City:	Commerce	County(OSWCR):	Los Angeles
County:	Los Angeles	Decimal Lat(OSWCR):	33.9967
Decimal Latitude:	33.9967	Decim Long(OSWCR):	-118.16052
Decimal Longitude:	-118.16052		
Location:	6033 E Bandini		
Location(OSWCR):	6033 E Bandini		
Original Source:	California Department 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	NNE	0.68	3,610.00	142.41	WATER WELLS

WCR No:	WCR2012-010962	City(OSWCR):	Commerce
City:	Commerce	County(OSWCR):	Los Angeles
County:	Los Angeles	Decimal Lat(OSWCR):	33.9967
Decimal Latitude:	33.9967	Decim Long(OSWCR):	-118.16052
Decimal Longitude:	-118.16052		
Location:	5353 Jillson Street		
Location(OSWCR):	5353 Jillson Street		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Wells and Additional Sources Detail Report

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
54	NNE	0.68	3,610.00	142.41	WATER WELLS

WCR No:	WCR0071509	City(OSWCR):	None
City:	None	County(OSWCR):	Los Angeles
County:	Los Angeles	Decimal Lat(OSWCR):	33.9967
Decimal Latitude:	33.9967	Decim Long(OSWCR):	-118.16052
Decimal Longitude:	-118.16052		
Location:	None		
Location(OSWCR):	None		
Original Source:	California Department 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	NNE	0.68	3,610.00	142.41	WATER WELLS

WCR No:	WCR0103725	City(OSWCR):	None
City:	None	County(OSWCR):	Los Angeles
County:	Los Angeles	Decimal Lat(OSWCR):	33.9967
Decimal Latitude:	33.9967	Decim Long(OSWCR):	-118.16052
Decimal Longitude:	-118.16052		
Location:	None		
Location(OSWCR):	None		
Original Source:	California Department 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	NNE	0.68	3,610.00	142.41	WATER WELLS

WCR No:	WCR0225099	City(OSWCR):	None
City:	None	County(OSWCR):	Los Angeles
County:	Los Angeles	Decimal Lat(OSWCR):	33.9967
Decimal Latitude:	33.9967	Decim Long(OSWCR):	-118.16052
Decimal Longitude:	-118.16052		
Location:	None		
Location(OSWCR):	None		
Original Source:	California Department 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	NNE	0.68	3,610.00	142.41	WATER WELLS

WCR No:	WCR2014-007475	City(OSWCR):	Commerce
City:	Commerce	County(OSWCR):	Los Angeles
County:	Los Angeles	Decimal Lat(OSWCR):	33.9967

Decimal Latitude:	33.9967	Decim Long(OSWCR):	-118.16052
Decimal Longitude:	-118.16052		
Location:	6033 Bandini Boulevard		
Location(OSWCR):	6033 Bandini Boulevard		
Original Source:	California Department 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	NNE	0.68	3,610.00	142.41	WATER WELLS

WCR No:	WCR1925-000154	City(OSWCR):	None
City:	None	County(OSWCR):	Los Angeles
County:	Los Angeles	Decimal Lat(OSWCR):	33.9967
Decimal Latitude:	33.9967	Decim Long(OSWCR):	-118.16052
Decimal Longitude:	-118.16052		
Location:	WASHINGTON BLVD, ATLANTIC BLVD, STRONG S		
Location(OSWCR):	WASHINGTON BLVD, ATLANTIC BLVD, STRONG S		
Original Source:	California Department 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	NNE	0.68	3,610.00	142.41	WATER WELLS

WCR No:	WCR0032098	City(OSWCR):	None
City:	None	County(OSWCR):	Los Angeles
County:	Los Angeles	Decimal Lat(OSWCR):	33.9967
Decimal Latitude:	33.9967	Decim Long(OSWCR):	-118.16052
Decimal Longitude:	-118.16052		
Location:	None		
Location(OSWCR):	None		
Original Source:	California Department 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	NNE	0.68	3,610.00	142.41	WATER WELLS

WCR No:	WCR0082975	City(OSWCR):	None
City:	None	County(OSWCR):	Los Angeles
County:	Los Angeles	Decimal Lat(OSWCR):	33.9967
Decimal Latitude:	33.9967	Decim Long(OSWCR):	-118.16052
Decimal Longitude:	-118.16052		
Location:	None		
Location(OSWCR):	None		
Original Source:	California Department 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	NNE	0.68	3,610.00	142.41	WATER WELLS

WCR No:	WCR0238634	City(OSWCR):	None
City:	None	County(OSWCR):	Los Angeles
County:	Los Angeles	Decimal Lat(OSWCR):	33.9967
Decimal Latitude:	33.9967	Decim Long(OSWCR):	-118.16052
Decimal Longitude:	-118.16052		
Location:	None		
Location(OSWCR):	None		
Original Source:	California Department 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	NNE	0.68	3,610.00	142.41	WATER WELLS

WCR No:	WCR1925-000382	City(OSWCR):	None
City:	None	County(OSWCR):	Los Angeles
County:	Los Angeles	Decimal Lat(OSWCR):	33.9967
Decimal Latitude:	33.9967	Decim Long(OSWCR):	-118.16052
Decimal Longitude:	-118.16052		
Location:	WASHINGTON BLVD, ATLANTIC BLVD, STRONG S		
Location(OSWCR):	WASHINGTON BLVD, ATLANTIC BLVD, STRONG S		
Original Source:	California Department 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	NNE	0.68	3,610.00	142.41	WATER WELLS

WCR No:	WCR2001-011491	City(OSWCR):	None
City:	None	County(OSWCR):	Los Angeles
County:	Los Angeles	Decimal Lat(OSWCR):	33.9967
Decimal Latitude:	33.9967	Decim Long(OSWCR):	-118.16052
Decimal Longitude:	-118.16052		
Location:	WASHINGTON BLVD, E STRONG AVE		
Location(OSWCR):	WASHINGTON BLVD, E STRONG AVE		
Original Source:	California Department 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	NNE	0.68	3,610.00	142.41	WATER WELLS

WCR No:	WCR2014-007477	City(OSWCR):	Commerce
City:	Commerce	County(OSWCR):	Los Angeles
County:	Los Angeles	Decimal Lat(OSWCR):	33.9967
Decimal Latitude:	33.9967	Decim Long(OSWCR):	-118.16052
Decimal Longitude:	-118.16052		

Wells and Additional Sources Detail Report

Location: 6033 Bandini Boulevard
Location(OSWCR): 6033 Bandini Boulevard
Original Source: California Department 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	NNE	0.68	3,610.00	142.41	WATER WELLS

WCR No: WCR2006-011587
City: Commerce
County: Los Angeles
Decimal Latitude: 33.9967
Decimal Longitude: -118.16052
City(OSWCR): Commerce
County(OSWCR): Los Angeles
Decimal Lat(OSWCR): 33.9967
Decim Long(OSWCR): -118.16052
Location: 6608 E 26th Street
Location(OSWCR): 6608 E 26th Street
Original Source: California Department 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	NNE	0.68	3,610.00	142.41	WATER WELLS

WCR No: WCR2011-009999
City: Commerce
County: Los Angeles
Decimal Latitude: 33.9967
Decimal Longitude: -118.16052
City(OSWCR): Commerce
County(OSWCR): Los Angeles
Decimal Lat(OSWCR): 33.9967
Decim Long(OSWCR): -118.16052
Location: Sheila Street & Strong Avenue
Location(OSWCR): Sheila Street & Strong Avenue
Original Source: California Department 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	NNE	0.68	3,610.00	142.41	WATER WELLS

WCR No: WCR2015-001058
City: Bell
County: Los Angeles
Decimal Latitude: 33.9967
Decimal Longitude: -118.16052
City(OSWCR): Bell
County(OSWCR): Los Angeles
Decimal Lat(OSWCR): 33.9967
Decim Long(OSWCR): -118.16052
Location: 5300 Bandini Blvd
Location(OSWCR): 5300 Bandini Blvd
Original Source: California Department 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	NNE	0.68	3,610.00	142.41	WATER WELLS

WCR No:	WCR2014-007470	City(OSWCR):	Commerce
City:	Commerce	County(OSWCR):	Los Angeles
County:	Los Angeles	Decimal Lat(OSWCR):	33.9967
Decimal Latitude:	33.9967	Decim Long(OSWCR):	-118.16052
Decimal Longitude:	-118.16052		
Location:	6033 Bandini Boulevard		
Location(OSWCR):	6033 Bandini Boulevard		
Original Source:	California Department 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	NNE	0.68	3,610.00	142.41	WATER WELLS

WCR No:	WCR2011-010000	City(OSWCR):	Commerce
City:	Commerce	County(OSWCR):	Los Angeles
County:	Los Angeles	Decimal Lat(OSWCR):	33.9967
Decimal Latitude:	33.9967	Decim Long(OSWCR):	-118.16052
Decimal Longitude:	-118.16052		
Location:	E Washington Blvd & Fitzgerald Avenue		
Location(OSWCR):	E Washington Blvd & Fitzgerald Avenue		
Original Source:	California Department 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	NNE	0.68	3,610.00	142.41	WATER WELLS

WCR No:	WCR2014-007476	City(OSWCR):	Commerce
City:	Commerce	County(OSWCR):	Los Angeles
County:	Los Angeles	Decimal Lat(OSWCR):	33.9967
Decimal Latitude:	33.9967	Decim Long(OSWCR):	-118.16052
Decimal Longitude:	-118.16052		
Location:	6033 Bandini Boulevard		
Location(OSWCR):	6033 Bandini Boulevard		
Original Source:	California Department 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	NNE	0.68	3,610.00	142.41	WATER WELLS

WCR No:	WCR2011-009996	City(OSWCR):	Commerce
City:	Commerce	County(OSWCR):	Los Angeles
County:	Los Angeles	Decimal Lat(OSWCR):	33.9967
Decimal Latitude:	33.9967	Decim Long(OSWCR):	-118.16052
Decimal Longitude:	-118.16052		
Location:	E Washington Blvd & Strong Avenue		
Location(OSWCR):	E Washington Blvd & Strong Avenue		

Original Source: California Department 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	NNE	0.68	3,610.00	142.41	WATER WELLS

WCR No:	WCR2006-012676	City(OSWCR):	Commerce
City:	Commerce	County(OSWCR):	Los Angeles
County:	Los Angeles	Decimal Lat(OSWCR):	33.9967
Decimal Latitude:	33.9967	Decim Long(OSWCR):	-118.16052
Decimal Longitude:	-118.16052		
Location:	6033 E Bandini		
Location(OSWCR):	6033 E Bandini		
Original Source:	California Department 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	NNE	0.68	3,610.00	142.41	WATER WELLS

WCR No:	WCR2014-007471	City(OSWCR):	Commerce
City:	Commerce	County(OSWCR):	Los Angeles
County:	Los Angeles	Decimal Lat(OSWCR):	33.9967
Decimal Latitude:	33.9967	Decim Long(OSWCR):	-118.16052
Decimal Longitude:	-118.16052		
Location:	6033 Bandini Boulevard		
Location(OSWCR):	6033 Bandini Boulevard		
Original Source:	California Department 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	NNE	0.68	3,610.00	142.41	WATER WELLS

WCR No:	WCR2004-013756	City(OSWCR):	Los Angeles
City:	Los Angeles	County(OSWCR):	Los Angeles
County:	Los Angeles	Decimal Lat(OSWCR):	33.9967
Decimal Latitude:	33.9967	Decim Long(OSWCR):	-118.16052
Decimal Longitude:	-118.16052		
Location:	6608 E 26th Street		
Location(OSWCR):	6608 E 26th Street		
Original Source:	California Department 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	NNE	0.68	3,610.00	142.41	WATER WELLS

WCR No:	WCR2014-007472	City(OSWCR):	Commerce

City:	Commerce	County(OSWCR):	Los Angeles
County:	Los Angeles	Decimal Lat(OSWCR):	33.9967
Decimal Latitude:	33.9967	Decim Long(OSWCR):	-118.16052
Decimal Longitude:	-118.16052		
Location:	6033 Bandini Boulevard		
Location(OSWCR):	6033 Bandini Boulevard		
Original Source:	California Department 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	NNE	0.68	3,610.00	142.41	WATER WELLS

WCR No:	WCR2006-012674	City(OSWCR):	Commerce
City:	Commerce	County(OSWCR):	Los Angeles
County:	Los Angeles	Decimal Lat(OSWCR):	33.9967
Decimal Latitude:	33.9967	Decim Long(OSWCR):	-118.16052
Decimal Longitude:	-118.16052		
Location:	6033 E Bandini		
Location(OSWCR):	6033 E Bandini		
Original Source:	California Department 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	NNE	0.68	3,610.00	142.41	WATER WELLS

WCR No:	WCR2011-009997	City(OSWCR):	Commerce
City:	Commerce	County(OSWCR):	Los Angeles
County:	Los Angeles	Decimal Lat(OSWCR):	33.9967
Decimal Latitude:	33.9967	Decim Long(OSWCR):	-118.16052
Decimal Longitude:	-118.16052		
Location:	Jillson Street & O'Neill Avenue		
Location(OSWCR):	Jillson Street & O'Neill Avenue		
Original Source:	California Department 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	NNE	0.68	3,610.00	142.41	WATER WELLS

WCR No:	WCR0226451	City(OSWCR):	None
City:	None	County(OSWCR):	Los Angeles
County:	Los Angeles	Decimal Lat(OSWCR):	33.9967
Decimal Latitude:	33.9967	Decim Long(OSWCR):	-118.16052
Decimal Longitude:	-118.16052		
Location:	None		
Location(OSWCR):	None		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Wells and Additional Sources Detail Report

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
54	NNE	0.68	3,610.00	142.41	WATER WELLS

WCR No:	WCR0242799	City(OSWCR):	None
City:	None	County(OSWCR):	Los Angeles
County:	Los Angeles	Decimal Lat(OSWCR):	33.9967
Decimal Latitude:	33.9967	Decim Long(OSWCR):	-118.16052
Decimal Longitude:	-118.16052		
Location:	None		
Location(OSWCR):	None		
Original Source:	California Department 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	NNE	0.68	3,610.00	142.41	WATER WELLS

WCR No:	WCR2015-001060	City(OSWCR):	Bell
City:	Bell	County(OSWCR):	Los Angeles
County:	Los Angeles	Decimal Lat(OSWCR):	33.9967
Decimal Latitude:	33.9967	Decim Long(OSWCR):	-118.16052
Decimal Longitude:	-118.16052		
Location:	5300 Bandini Blvd		
Location(OSWCR):	5300 Bandini Blvd		
Original Source:	California Department 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	NNE	0.68	3,610.00	142.41	WATER WELLS

WCR No:	WCR2001-011492	City(OSWCR):	None
City:	None	County(OSWCR):	Los Angeles
County:	Los Angeles	Decimal Lat(OSWCR):	33.9967
Decimal Latitude:	33.9967	Decim Long(OSWCR):	-118.16052
Decimal Longitude:	-118.16052		
Location:	None		
Location(OSWCR):	None		
Original Source:	California Department 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	NNE	0.68	3,610.00	142.41	WATER WELLS

WCR No:	WCR0207546	City(OSWCR):	None
City:	None	County(OSWCR):	Los Angeles
County:	Los Angeles	Decimal Lat(OSWCR):	33.9967

Decimal Latitude:	33.9967	Decim Long(OSWCR):	-118.16052
Decimal Longitude:	-118.16052		
Location:	None		
Location(OSWCR):	None		
Original Source:	California Department 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	NNE	0.68	3,610.00	142.41	WATER WELLS

WCR No:	WCR1776-008015	City(OSWCR):	None
City:	None	County(OSWCR):	Los Angeles
County:	Los Angeles	Decimal Lat(OSWCR):	33.9967
Decimal Latitude:	33.9967	Decim Long(OSWCR):	-118.16052
Decimal Longitude:	-118.16052		
Location:	WASHINGTON BLVD, E STRONG AVE		
Location(OSWCR):	WASHINGTON BLVD, E STRONG AVE		
Original Source:	California Department 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	NNE	0.68	3,610.00	142.41	WATER WELLS

WCR No:	WCR0279047	City(OSWCR):	None
City:	None	County(OSWCR):	Los Angeles
County:	Los Angeles	Decimal Lat(OSWCR):	33.9967
Decimal Latitude:	33.9967	Decim Long(OSWCR):	-118.16052
Decimal Longitude:	-118.16052		
Location:	None		
Location(OSWCR):	None		
Original Source:	California Department 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	NNE	0.68	3,610.00	142.41	WATER WELLS

WCR No:	WCR1951-002030	City(OSWCR):	None
City:	None	County(OSWCR):	Los Angeles
County:	Los Angeles	Decimal Lat(OSWCR):	33.9967
Decimal Latitude:	33.9967	Decim Long(OSWCR):	-118.16052
Decimal Longitude:	-118.16052		
Location:	None		
Location(OSWCR):	None		
Original Source:	California Department 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
54	NNE	0.68	3,610.00	142.41	WATER WELLS

WCR No:	WCR1984-007095	City(OSWCR):	None
City:	None	County(OSWCR):	Los Angeles
County:	Los Angeles	Decimal Lat(OSWCR):	33.9967
Decimal Latitude:	33.9967	Decim Long(OSWCR):	-118.16052
Decimal Longitude:	-118.16052		
Location:	EASTERN AVE		
Location(OSWCR):	EASTERN AVE		
Original Source:	California Department 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	NNE	0.68	3,610.00	142.41	WATER WELLS

WCR No:	WCR2014-007473	City(OSWCR):	Commerce
City:	Commerce	County(OSWCR):	Los Angeles
County:	Los Angeles	Decimal Lat(OSWCR):	33.9967
Decimal Latitude:	33.9967	Decim Long(OSWCR):	-118.16052
Decimal Longitude:	-118.16052		
Location:	6033 Bandini Boulevard		
Location(OSWCR):	6033 Bandini Boulevard		
Original Source:	California Department 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	NNE	0.68	3,610.00	142.41	WATER WELLS

WCR No:	WCR2015-001059	City(OSWCR):	Bell
City:	Bell	County(OSWCR):	Los Angeles
County:	Los Angeles	Decimal Lat(OSWCR):	33.9967
Decimal Latitude:	33.9967	Decim Long(OSWCR):	-118.16052
Decimal Longitude:	-118.16052		
Location:	5300 Bandini Blvd		
Location(OSWCR):	5300 Bandini Blvd		
Original Source:	California Department 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	NNE	0.68	3,610.00	142.41	WATER WELLS

WCR No:	WCR2014-007474	City(OSWCR):	Commerce
City:	Commerce	County(OSWCR):	Los Angeles
County:	Los Angeles	Decimal Lat(OSWCR):	33.9967
Decimal Latitude:	33.9967	Decim Long(OSWCR):	-118.16052
Decimal Longitude:	-118.16052		

Wells and Additional Sources Detail Report

Location: 6033 Bandini Boulevard
Location(OSWCR): 6033 Bandini Boulevard
Original Source: California Department 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	NNE	0.68	3,610.00	142.41	WATER WELLS

WCR No: WCR0086376
City: None
County: Los Angeles
Decimal Latitude: 33.9967
Decimal Longitude: -118.16052
Location: None
Location(OSWCR): None
City(OSWCR): None
County(OSWCR): Los Angeles
Decimal Lat(OSWCR): 33.9967
Decim Long(OSWCR): -118.16052
Original Source: California Department 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	WSW	0.71	3,759.18	140.41	WATER WELLS

WCR No: WCR0209100
City: None
County: Los Angeles
Decimal Latitude: 33.98214
Decimal Longitude: -118.17808
Location: None
Location(OSWCR): None
City(OSWCR): None
County(OSWCR): Los Angeles
Decimal Lat(OSWCR): 33.98214
Decim Long(OSWCR): -118.17808
Original Source: California Department 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	WSW	0.71	3,759.18	140.41	WATER WELLS

WCR No: WCR0156974
City: None
County: Los Angeles
Decimal Latitude: 33.98214
Decimal Longitude: -118.17808
Location: None
Location(OSWCR): None
City(OSWCR): None
County(OSWCR): Los Angeles
Decimal Lat(OSWCR): 33.98214
Decim Long(OSWCR): -118.17808
Original Source: California Department 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	WSW	0.71	3,759.18	140.41	WATER WELLS

WCR No:	WCR0042561	City(OSWCR):	None
City:	None	County(OSWCR):	Los Angeles
County:	Los Angeles	Decimal Lat(OSWCR):	33.98214
Decimal Latitude:	33.98214	Decim Long(OSWCR):	-118.17808
Decimal Longitude:	-118.17808		
Location:	None		
Location(OSWCR):	None		
Original Source:	California Department 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	WSW	0.71	3,759.18	140.41	WATER WELLS

WCR No:	WCR0209000	City(OSWCR):	None
City:	None	County(OSWCR):	Los Angeles
County:	Los Angeles	Decimal Lat(OSWCR):	33.98214
Decimal Latitude:	33.98214	Decim Long(OSWCR):	-118.17808
Decimal Longitude:	-118.17808		
Location:	None		
Location(OSWCR):	None		
Original Source:	California Department 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	WSW	0.71	3,759.18	140.41	WATER WELLS

WCR No:	WCR2007-011742	City(OSWCR):	Bell
City:	Bell	County(OSWCR):	Los Angeles
County:	Los Angeles	Decimal Lat(OSWCR):	33.98214
Decimal Latitude:	33.98214	Decim Long(OSWCR):	-118.17808
Decimal Longitude:	-118.17808		
Location:	4575 Gage Avenue		
Location(OSWCR):	4575 Gage Avenue		
Original Source:	California Department 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	WSW	0.71	3,759.18	140.41	WATER WELLS

WCR No:	WCR0141303	City(OSWCR):	None
City:	None	County(OSWCR):	Los Angeles
County:	Los Angeles	Decimal Lat(OSWCR):	33.98214
Decimal Latitude:	33.98214	Decim Long(OSWCR):	-118.17808
Decimal Longitude:	-118.17808		
Location:	None		
Location(OSWCR):	None		

Original Source: California Department 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	WSW	0.71	3,759.18	140.41	WATER WELLS

WCR No:	WCR1977-010374	City(OSWCR):	None
City:	None	County(OSWCR):	Los Angeles
County:	Los Angeles	Decimal Lat(OSWCR):	33.98214
Decimal Latitude:	33.98214	Decim Long(OSWCR):	-118.17808
Decimal Longitude:	-118.17808		
Location:	DISTRICT BLVD, RANDOLPH ST		
Location(OSWCR):	DISTRICT BLVD, RANDOLPH ST		
Original Source:	California Department 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	WSW	0.71	3,759.18	140.41	WATER WELLS

WCR No:	WCR1993-012460	City(OSWCR):	Maywood
City:	Maywood	County(OSWCR):	Los Angeles
County:	Los Angeles	Decimal Lat(OSWCR):	33.98214
Decimal Latitude:	33.98214	Decim Long(OSWCR):	-118.17808
Decimal Longitude:	-118.17808		
Location:	6100 Atlantic		
Location(OSWCR):	6100 Atlantic		
Original Source:	California Department 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	WSW	0.71	3,759.18	140.41	WATER WELLS

WCR No:	WCR0215969	City(OSWCR):	None
City:	None	County(OSWCR):	Los Angeles
County:	Los Angeles	Decimal Lat(OSWCR):	33.98214
Decimal Latitude:	33.98214	Decim Long(OSWCR):	-118.17808
Decimal Longitude:	-118.17808		
Location:	None		
Location(OSWCR):	None		
Original Source:	California Department 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	WSW	0.71	3,759.18	140.41	WATER WELLS

WCR No:	WCR1917-000155	City(OSWCR):	None

City:	None	County(OSWCR):	Los Angeles
County:	Los Angeles	Decimal Lat(OSWCR):	33.98214
Decimal Latitude:	33.98214	Decim Long(OSWCR):	-118.17808
Decimal Longitude:	-118.17808		
Location:	FILMORE STREET, PROSPECT ST		
Location(OSWCR):	FILMORE STREET, PROSPECT ST		
Original Source:	California Department 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	WSW	0.71	3,759.18	140.41	WATER WELLS

WCR No:	WCR0099026	City(OSWCR):	None
City:	None	County(OSWCR):	Los Angeles
County:	Los Angeles	Decimal Lat(OSWCR):	33.98214
Decimal Latitude:	33.98214	Decim Long(OSWCR):	-118.17808
Decimal Longitude:	-118.17808		
Location:	None		
Location(OSWCR):	None		
Original Source:	California Department 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	WSW	0.71	3,759.18	140.41	WATER WELLS

WCR No:	WCR1917-000077	City(OSWCR):	None
City:	None	County(OSWCR):	Los Angeles
County:	Los Angeles	Decimal Lat(OSWCR):	33.98214
Decimal Latitude:	33.98214	Decim Long(OSWCR):	-118.17808
Decimal Longitude:	-118.17808		
Location:	FILMORE ST, PROSPECT ST		
Location(OSWCR):	FILMORE ST, PROSPECT ST		
Original Source:	California Department 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	WSW	0.71	3,759.18	140.41	WATER WELLS

WCR No:	WCR1928-000284	City(OSWCR):	Maywood
City:	Maywood	County(OSWCR):	Los Angeles
County:	Los Angeles	Decimal Lat(OSWCR):	33.98214
Decimal Latitude:	33.98214	Decim Long(OSWCR):	-118.17808
Decimal Longitude:	-118.17808		
Location:	4811 E 57th Street		
Location(OSWCR):	4811 E 57th Street		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Wells and Additional Sources Detail Report

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
61	WSW	0.71	3,759.18	140.41	WATER WELLS

WCR No:	WCR1996-010232	City(OSWCR):	Maywood
City:	Maywood	County(OSWCR):	Los Angeles
County:	Los Angeles	Decimal Lat(OSWCR):	33.98214
Decimal Latitude:	33.98214	Decim Long(OSWCR):	-118.17808
Decimal Longitude:	-118.17808		
Location:	6100 ATLANTIC		
Location(OSWCR):	6100 ATLANTIC		
Original Source:	California Department 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	WSW	0.71	3,759.18	140.41	WATER WELLS

WCR No:	WCR2004-013690	City(OSWCR):	Maywood
City:	Maywood	County(OSWCR):	Los Angeles
County:	Los Angeles	Decimal Lat(OSWCR):	33.98214
Decimal Latitude:	33.98214	Decim Long(OSWCR):	-118.17808
Decimal Longitude:	-118.17808		
Location:	E 52nd Place, Heliotrope		
Location(OSWCR):	E 52nd Place, Heliotrope		
Original Source:	California Department 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	WSW	0.71	3,759.18	140.41	WATER WELLS

WCR No:	WCR1929-000487	City(OSWCR):	MAYWOOD
City:	MAYWOOD	County(OSWCR):	Los Angeles
County:	Los Angeles	Decimal Lat(OSWCR):	33.98214
Decimal Latitude:	33.98214	Decim Long(OSWCR):	-118.17808
Decimal Longitude:	-118.17808		
Location:	FIFTY SEVENTH ST, HELIOTROPE DRIVE		
Location(OSWCR):	FIFTY SEVENTH ST, HELIOTROPE DRIVE		
Original Source:	California Department 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	WSW	0.71	3,759.18	140.41	WATER WELLS

WCR No:	WCR2001-011496	City(OSWCR):	MAYWOOD
City:	MAYWOOD	County(OSWCR):	Los Angeles
County:	Los Angeles	Decimal Lat(OSWCR):	33.98214

Decimal Latitude:	33.98214	Decim Long(OSWCR):	-118.17808
Decimal Longitude:	-118.17808		
Location:	BAKER AVE, WALKER ST		
Location(OSWCR):	BAKER AVE, WALKER ST		
Original Source:	California Department 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	WSW	0.71	3,759.18	140.41	WATER WELLS

WCR No:	WCR2007-011743	City(OSWCR):	Bell
City:	Bell	County(OSWCR):	Los Angeles
County:	Los Angeles	Decimal Lat(OSWCR):	33.98214
Decimal Latitude:	33.98214	Decim Long(OSWCR):	-118.17808
Decimal Longitude:	-118.17808		
Location:	4575 Gage Avenue		
Location(OSWCR):	4575 Gage Avenue		
Original Source:	California Department 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	WSW	0.71	3,759.18	140.41	WATER WELLS

WCR No:	WCR2012-008508	City(OSWCR):	Bell
City:	Bell	County(OSWCR):	Los Angeles
County:	Los Angeles	Decimal Lat(OSWCR):	33.98214
Decimal Latitude:	33.98214	Decim Long(OSWCR):	-118.17808
Decimal Longitude:	-118.17808		
Location:	6253 Prospect Avenue		
Location(OSWCR):	6253 Prospect Avenue		
Original Source:	California Department 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	WSW	0.71	3,759.18	140.41	WATER WELLS

WCR No:	WCR1776-008043	City(OSWCR):	Maywood
City:	Maywood	County(OSWCR):	Los Angeles
County:	Los Angeles	Decimal Lat(OSWCR):	33.98214
Decimal Latitude:	33.98214	Decim Long(OSWCR):	-118.17808
Decimal Longitude:	-118.17808		
Location:	BAKER AVE, WALKER ST		
Location(OSWCR):	BAKER AVE, WALKER ST		
Original Source:	California Department 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
61	WSW	0.71	3,759.18	140.41	WATER WELLS

WCR No:	WCR2000-009793	City(OSWCR):	Bell
City:	Bell	County(OSWCR):	Los Angeles
County:	Los Angeles	Decimal Lat(OSWCR):	33.98214
Decimal Latitude:	33.98214	Decim Long(OSWCR):	-118.17808
Decimal Longitude:	-118.17808		
Location:	GAGE AVENUE		
Location(OSWCR):	GAGE AVENUE		
Original Source:	California Department 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	WSW	0.71	3,759.18	140.41	WATER WELLS

WCR No:	WCR1929-000231	City(OSWCR):	Maywood
City:	Maywood	County(OSWCR):	Los Angeles
County:	Los Angeles	Decimal Lat(OSWCR):	33.98214
Decimal Latitude:	33.98214	Decim Long(OSWCR):	-118.17808
Decimal Longitude:	-118.17808		
Location:	HELIOTROPE DR, 57TH ST		
Location(OSWCR):	HELIOTROPE DR, 57TH ST		
Original Source:	California Department 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	WSW	0.71	3,759.18	140.41	WATER WELLS

WCR No:	WCR1914-000054	City(OSWCR):	Bell
City:	Bell	County(OSWCR):	Los Angeles
County:	Los Angeles	Decimal Lat(OSWCR):	33.98214
Decimal Latitude:	33.98214	Decim Long(OSWCR):	-118.17808
Decimal Longitude:	-118.17808		
Location:	VINEVALE ST, GAGE AVE		
Location(OSWCR):	VINEVALE ST, GAGE AVE		
Original Source:	California Department 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	WSW	0.71	3,759.18	140.41	WATER WELLS

WCR No:	WCR2007-011744	City(OSWCR):	Bell
City:	Bell	County(OSWCR):	Los Angeles
County:	Los Angeles	Decimal Lat(OSWCR):	33.98214
Decimal Latitude:	33.98214	Decim Long(OSWCR):	-118.17808
Decimal Longitude:	-118.17808		

Wells and Additional Sources Detail Report

Location: 4575 Gage Avenue
Location(OSWCR): 4575 Gage Avenue
Original Source: California Department 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	WSW	0.71	3,759.18	140.41	WATER WELLS

WCR No: WCR1914-000143
City: Bell
County: Los Angeles
Decimal Latitude: 33.98214
Decimal Longitude: -118.17808
Location: VINEVALE ST, GAZE AVE
Location(OSWCR): VINEVALE ST, GAZE AVE
City(OSWCR): Bell
County(OSWCR): Los Angeles
Decimal Lat(OSWCR): 33.98214
Decim Long(OSWCR): -118.17808
Original Source: California Department 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	WSW	0.71	3,759.18	140.41	WATER WELLS

WCR No: WCR2004-011954
City: Los Angeles
County: Los Angeles
Decimal Latitude: 33.98214
Decimal Longitude: -118.17808
Location: 4809 E 57th Street
Location(OSWCR): 4809 E 57th Street
City(OSWCR): Los Angeles
County(OSWCR): Los Angeles
Decimal Lat(OSWCR): 33.98214
Decim Long(OSWCR): -118.17808
Original Source: California Department 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	WSW	0.71	3,759.18	140.41	WATER WELLS

WCR No: WCR1976-005725
City: None
County: Los Angeles
Decimal Latitude: 33.98214
Decimal Longitude: -118.17808
Location: None
Location(OSWCR): None
City(OSWCR): None
County(OSWCR): Los Angeles
Decimal Lat(OSWCR): 33.98214
Decim Long(OSWCR): -118.17808
Original Source: California Department 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	WSW	0.71	3,759.18	140.41	WATER WELLS

WCR No:	WCR1948-001058	City(OSWCR):	Bell
City:	Bell	County(OSWCR):	Los Angeles
County:	Los Angeles	Decimal Lat(OSWCR):	33.98214
Decimal Latitude:	33.98214	Decim Long(OSWCR):	-118.17808
Decimal Longitude:	-118.17808		
Location:	6253 PROSPECT		
Location(OSWCR):	6253 PROSPECT		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
68	W	0.77	4,079.34	147.41	WATER WELLS

WCR No:	WCR2016-002014	City(OSWCR):	Maywood
City:	Maywood	County(OSWCR):	Los Angeles
County:	Los Angeles	Decimal Lat(OSWCR):	33.9863889
Decimal Latitude:	33.9863889	Decim Long(OSWCR):	-118.1811111
Decimal Longitude:	-118.1811111		
Location:	4700 E Slauson AVE		
Location(OSWCR):	4700 E Slauson AVE		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
68	W	0.77	4,079.34	147.41	WATER WELLS

WCR No:	WCR2016-002005	City(OSWCR):	Maywood
City:	Maywood	County(OSWCR):	Los Angeles
County:	Los Angeles	Decimal Lat(OSWCR):	33.9863889
Decimal Latitude:	33.9863889	Decim Long(OSWCR):	-118.1811111
Decimal Longitude:	-118.1811111		
Location:	4700 E Slauson AVE		
Location(OSWCR):	4700 E Slauson AVE		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
68	W	0.77	4,079.34	147.41	WATER WELLS

WCR No:	WCR2016-002010	City(OSWCR):	Maywood
City:	Maywood	County(OSWCR):	Los Angeles
County:	Los Angeles	Decimal Lat(OSWCR):	33.9863889
Decimal Latitude:	33.9863889	Decim Long(OSWCR):	-118.1811111
Decimal Longitude:	-118.1811111		
Location:	4700 E Slauson AVE		
Location(OSWCR):	4700 E Slauson AVE		

Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
68	W	0.77	4,079.34	147.41	WATER WELLS

WCR No:	WCR2016-002004	City(OSWCR):	Maywood
City:	Maywood	County(OSWCR):	Los Angeles
County:	Los Angeles	Decimal Lat(OSWCR):	33.9863889
Decimal Latitude:	33.9863889	Decim Long(OSWCR):	-118.1811111
Decimal Longitude:	-118.1811111		
Location:	4700 E Slauson AVE		
Location(OSWCR):	4700 E Slauson AVE		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
68	W	0.77	4,079.34	147.41	WATER WELLS

WCR No:	WCR2016-002015	City(OSWCR):	Maywood
City:	Maywood	County(OSWCR):	Los Angeles
County:	Los Angeles	Decimal Lat(OSWCR):	33.9863889
Decimal Latitude:	33.9863889	Decim Long(OSWCR):	-118.1811111
Decimal Longitude:	-118.1811111		
Location:	4700 E Slauson AVE		
Location(OSWCR):	4700 E Slauson AVE		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
68	W	0.77	4,079.34	147.41	WATER WELLS

WCR No:	WCR2016-002009	City(OSWCR):	Maywood
City:	Maywood	County(OSWCR):	Los Angeles
County:	Los Angeles	Decimal Lat(OSWCR):	33.9863889
Decimal Latitude:	33.9863889	Decim Long(OSWCR):	-118.1811111
Decimal Longitude:	-118.1811111		
Location:	4700 E Slauson AVE		
Location(OSWCR):	4700 E Slauson AVE		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
68	W	0.77	4,079.34	147.41	WATER WELLS

WCR No:	WCR2016-002013	City(OSWCR):	Maywood

City:	Maywood	County(OSWCR):	Los Angeles
County:	Los Angeles	Decimal Lat(OSWCR):	33.9863889
Decimal Latitude:	33.9863889	Decim Long(OSWCR):	-118.1811111
Decimal Longitude:	-118.1811111		
Location:	4700 E Slauson AVE		
Location(OSWCR):	4700 E Slauson AVE		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
68	W	0.77	4,079.34	147.41	WATER WELLS

WCR No:	WCR2016-002011	City(OSWCR):	Maywood
City:	Maywood	County(OSWCR):	Los Angeles
County:	Los Angeles	Decimal Lat(OSWCR):	33.9863889
Decimal Latitude:	33.9863889	Decim Long(OSWCR):	-118.1811111
Decimal Longitude:	-118.1811111		
Location:	4700 E Slauson AVE		
Location(OSWCR):	4700 E Slauson AVE		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
68	W	0.77	4,079.34	147.41	WATER WELLS

WCR No:	WCR2016-002007	City(OSWCR):	Maywood
City:	Maywood	County(OSWCR):	Los Angeles
County:	Los Angeles	Decimal Lat(OSWCR):	33.9863889
Decimal Latitude:	33.9863889	Decim Long(OSWCR):	-118.1811111
Decimal Longitude:	-118.1811111		
Location:	4700 E Slauson AVE		
Location(OSWCR):	4700 E Slauson AVE		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
68	W	0.77	4,079.34	147.41	WATER WELLS

WCR No:	WCR2016-002006	City(OSWCR):	Maywood
City:	Maywood	County(OSWCR):	Los Angeles
County:	Los Angeles	Decimal Lat(OSWCR):	33.9863889
Decimal Latitude:	33.9863889	Decim Long(OSWCR):	-118.1811111
Decimal Longitude:	-118.1811111		
Location:	4700 E Slauson AVE		
Location(OSWCR):	4700 E Slauson AVE		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Wells and Additional Sources Detail Report

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
68	W	0.77	4,079.34	147.41	WATER WELLS

WCR No:	WCR2016-002012	City(OSWCR):	Maywood
City:	Maywood	County(OSWCR):	Los Angeles
County:	Los Angeles	Decimal Lat(OSWCR):	33.9863889
Decimal Latitude:	33.9863889	Decim Long(OSWCR):	-118.1811111
Decimal Longitude:	-118.1811111		
Location:	4700 E Slauson AVE		
Location(OSWCR):	4700 E Slauson AVE		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
83	NW	0.83	4,405.28	157.29	WATER WELLS

WCR No:	WCR0165839	City(OSWCR):	None
City:	None	County(OSWCR):	Los Angeles
County:	Los Angeles	Decimal Lat(OSWCR):	33.99662
Decimal Latitude:	33.99662	Decim Long(OSWCR):	-118.17818
Decimal Longitude:	-118.17818		
Location:	None		
Location(OSWCR):	None		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
83	NW	0.83	4,405.28	157.29	WATER WELLS

WCR No:	WCR1776-011146	City(OSWCR):	None
City:	None	County(OSWCR):	Los Angeles
County:	Los Angeles	Decimal Lat(OSWCR):	33.99662
Decimal Latitude:	33.99662	Decim Long(OSWCR):	-118.17818
Decimal Longitude:	-118.17818		
Location:	WHITTIER BLVD, LEXINGTON, ANGLES		
Location(OSWCR):	WHITTIER BLVD, LEXINGTON, ANGLES		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
83	NW	0.83	4,405.28	157.29	WATER WELLS

WCR No:	WCR0142503	City(OSWCR):	None
City:	None	County(OSWCR):	Los Angeles
County:	Los Angeles	Decimal Lat(OSWCR):	33.99662

Decimal Latitude:	33.99662	Decim Long(OSWCR):	-118.17818
Decimal Longitude:	-118.17818		
Location:	None		
Location(OSWCR):	None		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
83	NW	0.83	4,405.28	157.29	WATER WELLS

WCR No:	WCR0211726	City(OSWCR):	None
City:	None	County(OSWCR):	Los Angeles
County:	Los Angeles	Decimal Lat(OSWCR):	33.99662
Decimal Latitude:	33.99662	Decim Long(OSWCR):	-118.17818
Decimal Longitude:	-118.17818		
Location:	None		
Location(OSWCR):	None		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
83	NW	0.83	4,405.28	157.29	WATER WELLS

WCR No:	WCR0279895	City(OSWCR):	None
City:	None	County(OSWCR):	Los Angeles
County:	Los Angeles	Decimal Lat(OSWCR):	33.99662
Decimal Latitude:	33.99662	Decim Long(OSWCR):	-118.17818
Decimal Longitude:	-118.17818		
Location:	None		
Location(OSWCR):	None		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
83	NW	0.83	4,405.28	157.29	WATER WELLS

WCR No:	WCR1776-011159	City(OSWCR):	None
City:	None	County(OSWCR):	Los Angeles
County:	Los Angeles	Decimal Lat(OSWCR):	33.99662
Decimal Latitude:	33.99662	Decim Long(OSWCR):	-118.17818
Decimal Longitude:	-118.17818		
Location:	PERR LOS ANGELES RIVER BRIDGE		
Location(OSWCR):	PERR LOS ANGELES RIVER BRIDGE		
Original Source:	California Department 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
83	NW	0.83	4,405.28	157.29	WATER WELLS

WCR No:	WCR0099025	City(OSWCR):	None
City:	None	County(OSWCR):	Los Angeles
County:	Los Angeles	Decimal Lat(OSWCR):	33.99662
Decimal Latitude:	33.99662	Decim Long(OSWCR):	-118.17818
Decimal Longitude:	-118.17818		
Location:	None		
Location(OSWCR):	None		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
83	NW	0.83	4,405.28	157.29	WATER WELLS

WCR No:	WCR1776-011160	City(OSWCR):	None
City:	None	County(OSWCR):	Los Angeles
County:	Los Angeles	Decimal Lat(OSWCR):	33.99662
Decimal Latitude:	33.99662	Decim Long(OSWCR):	-118.17818
Decimal Longitude:	-118.17818		
Location:	AT & SF RR, ATLANTIC BLVD		
Location(OSWCR):	AT & SF RR, ATLANTIC BLVD		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
83	NW	0.83	4,405.28	157.29	WATER WELLS

WCR No:	WCR1923-000088	City(OSWCR):	None
City:	None	County(OSWCR):	Los Angeles
County:	Los Angeles	Decimal Lat(OSWCR):	33.99662
Decimal Latitude:	33.99662	Decim Long(OSWCR):	-118.17818
Decimal Longitude:	-118.17818		
Location:	ATLANTIC BLVD, 26TH ST		
Location(OSWCR):	ATLANTIC BLVD, 26TH ST		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
83	NW	0.83	4,405.28	157.29	WATER WELLS

WCR No:	WCR1776-008042	City(OSWCR):	None
City:	None	County(OSWCR):	Los Angeles
County:	Los Angeles	Decimal Lat(OSWCR):	33.99662
Decimal Latitude:	33.99662	Decim Long(OSWCR):	-118.17818
Decimal Longitude:	-118.17818		

Location: CUDAHY, 52ND ST
Location(OSWCR): CUDAHY, 52ND ST
Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
83	NW	0.83	4,405.28	157.29	WATER WELLS

WCR No: WCR1776-008041
City: None
County: Los Angeles
Decimal Latitude: 33.99662
Decimal Longitude: -118.17818
Location: Pasadena Avenue
Location(OSWCR): Pasadena Avenue
City(OSWCR): None
County(OSWCR): Los Angeles
Decimal Lat(OSWCR): 33.99662
Decim Long(OSWCR): -118.17818
Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
83	NW	0.83	4,405.28	157.29	WATER WELLS

WCR No: WCR2001-011493
City: None
County: Los Angeles
Decimal Latitude: 33.99662
Decimal Longitude: -118.17818
Location: L A RIVER BRIDGE
Location(OSWCR): L A RIVER BRIDGE
City(OSWCR): None
County(OSWCR): Los Angeles
Decimal Lat(OSWCR): 33.99662
Decim Long(OSWCR): -118.17818
Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
83	NW	0.83	4,405.28	157.29	WATER WELLS

WCR No: WCR2010-009752
City: Vernon
County: Los Angeles
Decimal Latitude: 33.99662
Decimal Longitude: -118.17818
Location: 4280 Bandini Boulevard
Location(OSWCR): 4280 Bandini Boulevard
City(OSWCR): Vernon
County(OSWCR): Los Angeles
Decimal Lat(OSWCR): 33.99662
Decim Long(OSWCR): -118.17818
Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
83	NW	0.83	4,405.28	157.29	WATER WELLS

WCR No:	WCR2016-001128	City(OSWCR):	Commerce
City:	Commerce	County(OSWCR):	Los Angeles
County:	Los Angeles	Decimal Lat(OSWCR):	33.99662
Decimal Latitude:	33.99662	Decim Long(OSWCR):	-118.17818
Decimal Longitude:	-118.17818		
Location:	4817 Sheila ST		
Location(OSWCR):	4817 Sheila ST		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
83	NW	0.83	4,405.28	157.29	WATER WELLS

WCR No:	WCR2015-003860	City(OSWCR):	Vernon
City:	Vernon	County(OSWCR):	Los Angeles
County:	Los Angeles	Decimal Lat(OSWCR):	33.99662
Decimal Latitude:	33.99662	Decim Long(OSWCR):	-118.17818
Decimal Longitude:	-118.17818		
Location:	5431 District BLVD		
Location(OSWCR):	5431 District BLVD		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
83	NW	0.83	4,405.28	157.29	WATER WELLS

WCR No:	WCR2010-009744	City(OSWCR):	Vernon
City:	Vernon	County(OSWCR):	Los Angeles
County:	Los Angeles	Decimal Lat(OSWCR):	33.99662
Decimal Latitude:	33.99662	Decim Long(OSWCR):	-118.17818
Decimal Longitude:	-118.17818		
Location:	4280 Bandini Boulevard		
Location(OSWCR):	4280 Bandini Boulevard		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
83	NW	0.83	4,405.28	157.29	WATER WELLS

WCR No:	WCR2016-001129	City(OSWCR):	Commerce
City:	Commerce	County(OSWCR):	Los Angeles
County:	Los Angeles	Decimal Lat(OSWCR):	33.99662
Decimal Latitude:	33.99662	Decim Long(OSWCR):	-118.17818
Decimal Longitude:	-118.17818		
Location:	4817 Sheila ST		
Location(OSWCR):	4817 Sheila ST		

Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
83	NW	0.83	4,405.28	157.29	WATER WELLS

WCR No:	WCR2015-001242	City(OSWCR):	Vernon
City:	Vernon	County(OSWCR):	Los Angeles
County:	Los Angeles	Decimal Lat(OSWCR):	33.99662
Decimal Latitude:	33.99662	Decim Long(OSWCR):	-118.17818
Decimal Longitude:	-118.17818		
Location:	5119 District Blvd		
Location(OSWCR):	5119 District Blvd		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
83	NW	0.83	4,405.28	157.29	WATER WELLS

WCR No:	WCR2015-003861	City(OSWCR):	Vernon
City:	Vernon	County(OSWCR):	Los Angeles
County:	Los Angeles	Decimal Lat(OSWCR):	33.99662
Decimal Latitude:	33.99662	Decim Long(OSWCR):	-118.17818
Decimal Longitude:	-118.17818		
Location:	5431 District BLVD		
Location(OSWCR):	5431 District BLVD		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
83	NW	0.83	4,405.28	157.29	WATER WELLS

WCR No:	WCR1923-000272	City(OSWCR):	None
City:	None	County(OSWCR):	Los Angeles
County:	Los Angeles	Decimal Lat(OSWCR):	33.99662
Decimal Latitude:	33.99662	Decim Long(OSWCR):	-118.17818
Decimal Longitude:	-118.17818		
Location:	TWENTY SIXTH ST, ATLANTIC BLVD, SANTA FE		
Location(OSWCR):	TWENTY SIXTH ST, ATLANTIC BLVD, SANTA FE		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
83	NW	0.83	4,405.28	157.29	WATER WELLS

WCR No:	WCR2016-001127	City(OSWCR):	Commerce

City:	Commerce	County(OSWCR):	Los Angeles
County:	Los Angeles	Decimal Lat(OSWCR):	33.99662
Decimal Latitude:	33.99662	Decim Long(OSWCR):	-118.17818
Decimal Longitude:	-118.17818		
Location:	4900 E Washington BLVD		
Location(OSWCR):	4900 E Washington BLVD		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
83	NW	0.83	4,405.28	157.29	WATER WELLS

WCR No:	WCR1998-009953	City(OSWCR):	Vernon
City:	Vernon	County(OSWCR):	Los Angeles
County:	Los Angeles	Decimal Lat(OSWCR):	33.99662
Decimal Latitude:	33.99662	Decim Long(OSWCR):	-118.17818
Decimal Longitude:	-118.17818		
Location:	5515 DISTRICT BLVD		
Location(OSWCR):	5515 DISTRICT BLVD		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
83	NW	0.83	4,405.28	157.29	WATER WELLS

WCR No:	WCR2015-001241	City(OSWCR):	Vernon
City:	Vernon	County(OSWCR):	Los Angeles
County:	Los Angeles	Decimal Lat(OSWCR):	33.99662
Decimal Latitude:	33.99662	Decim Long(OSWCR):	-118.17818
Decimal Longitude:	-118.17818		
Location:	5119 District Blvd		
Location(OSWCR):	5119 District Blvd		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
83	NW	0.83	4,405.28	157.29	WATER WELLS

WCR No:	WCR0026718	City(OSWCR):	None
City:	None	County(OSWCR):	Los Angeles
County:	Los Angeles	Decimal Lat(OSWCR):	33.99662
Decimal Latitude:	33.99662	Decim Long(OSWCR):	-118.17818
Decimal Longitude:	-118.17818		
Location:	None		
Location(OSWCR):	None		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Wells and Additional Sources Detail Report

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
83	NW	0.83	4,405.28	157.29	WATER WELLS

WCR No:	WCR0043986	City(OSWCR):	None
City:	None	County(OSWCR):	Los Angeles
County:	Los Angeles	Decimal Lat(OSWCR):	33.99662
Decimal Latitude:	33.99662	Decim Long(OSWCR):	-118.17818
Decimal Longitude:	-118.17818		
Location:	None		
Location(OSWCR):	None		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
83	NW	0.83	4,405.28	157.29	WATER WELLS

WCR No:	WCR2010-009738	City(OSWCR):	Vernon
City:	Vernon	County(OSWCR):	Los Angeles
County:	Los Angeles	Decimal Lat(OSWCR):	33.99662
Decimal Latitude:	33.99662	Decim Long(OSWCR):	-118.17818
Decimal Longitude:	-118.17818		
Location:	4280 Bandini Boulevard		
Location(OSWCR):	4280 Bandini Boulevard		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
83	NW	0.83	4,405.28	157.29	WATER WELLS

WCR No:	WCR2010-009750	City(OSWCR):	Vernon
City:	Vernon	County(OSWCR):	Los Angeles
County:	Los Angeles	Decimal Lat(OSWCR):	33.99662
Decimal Latitude:	33.99662	Decim Long(OSWCR):	-118.17818
Decimal Longitude:	-118.17818		
Location:	4280 Bandini Boulevard		
Location(OSWCR):	4280 Bandini Boulevard		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
83	NW	0.83	4,405.28	157.29	WATER WELLS

WCR No:	WCR2015-001234	City(OSWCR):	Vernon
City:	Vernon	County(OSWCR):	Los Angeles
County:	Los Angeles	Decimal Lat(OSWCR):	33.99662

Decimal Latitude:	33.99662	Decim Long(OSWCR):	-118.17818
Decimal Longitude:	-118.17818		
Location:	5119 District Blvd		
Location(OSWCR):	5119 District Blvd		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
83	NW	0.83	4,405.28	157.29	WATER WELLS

WCR No:	WCR2010-009751	City(OSWCR):	Vernon
City:	Vernon	County(OSWCR):	Los Angeles
County:	Los Angeles	Decimal Lat(OSWCR):	33.99662
Decimal Latitude:	33.99662	Decim Long(OSWCR):	-118.17818
Decimal Longitude:	-118.17818		
Location:	4280 Bandini Boulevard		
Location(OSWCR):	4280 Bandini Boulevard		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
83	NW	0.83	4,405.28	157.29	WATER WELLS

WCR No:	WCR0154590	City(OSWCR):	None
City:	None	County(OSWCR):	Los Angeles
County:	Los Angeles	Decimal Lat(OSWCR):	33.99662
Decimal Latitude:	33.99662	Decim Long(OSWCR):	-118.17818
Decimal Longitude:	-118.17818		
Location:	None		
Location(OSWCR):	None		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
83	NW	0.83	4,405.28	157.29	WATER WELLS

WCR No:	WCR2001-011494	City(OSWCR):	None
City:	None	County(OSWCR):	Los Angeles
County:	Los Angeles	Decimal Lat(OSWCR):	33.99662
Decimal Latitude:	33.99662	Decim Long(OSWCR):	-118.17818
Decimal Longitude:	-118.17818		
Location:	ATLANTIC BLVD		
Location(OSWCR):	ATLANTIC BLVD		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB

83	NW	0.83	4,405.28	157.29	WATER WELLS

WCR No:	WCR1946-000744	City(OSWCR):	South Gate
City:	South Gate	County(OSWCR):	Los Angeles
County:	Los Angeles	Decimal Lat(OSWCR):	33.99662
Decimal Latitude:	33.99662	Decim Long(OSWCR):	-118.17818
Decimal Longitude:	-118.17818		
Location:	354' S/E OF HELIOTROPE AVE AND 155' S/W		
Location(OSWCR):	354' S/E OF HELIOTROPE AVE AND 155' S/W		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
83	NW	0.83	4,405.28	157.29	WATER WELLS

WCR No:	WCR2001-011495	City(OSWCR):	None
City:	None	County(OSWCR):	Los Angeles
County:	Los Angeles	Decimal Lat(OSWCR):	33.99662
Decimal Latitude:	33.99662	Decim Long(OSWCR):	-118.17818
Decimal Longitude:	-118.17818		
Location:	PASADENA AVE, SANTA FE R R CROSSING		
Location(OSWCR):	PASADENA AVE, SANTA FE R R CROSSING		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
83	NW	0.83	4,405.28	157.29	WATER WELLS

WCR No:	WCR1946-000706	City(OSWCR):	None
City:	None	County(OSWCR):	Los Angeles
County:	Los Angeles	Decimal Lat(OSWCR):	33.99662
Decimal Latitude:	33.99662	Decim Long(OSWCR):	-118.17818
Decimal Longitude:	-118.17818		
Location:	None		
Location(OSWCR):	None		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
83	NW	0.83	4,405.28	157.29	WATER WELLS

WCR No:	WCR2010-009745	City(OSWCR):	Vernon
City:	Vernon	County(OSWCR):	Los Angeles
County:	Los Angeles	Decimal Lat(OSWCR):	33.99662
Decimal Latitude:	33.99662	Decim Long(OSWCR):	-118.17818
Decimal Longitude:	-118.17818		

Wells and Additional Sources Detail Report

Location: 4280 Bandini Boulevard
Location(OSWCR): 4280 Bandini Boulevard
Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
85	ENE	0.87	4,576.88	142.41	WATER WELLS

WCR No: WCR2019-000754
City: Commerce
County: Los Angeles
Decimal Latitude: 33.99449775
Decimal Longitude: -118.1527024
Location: 5910 Sheila ST
Location(OSWCR): 5910 Sheila ST
Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports
City(OSWCR): Commerce
County(OSWCR): Los Angeles
Decimal Lat(OSWCR): 33.99449775
Decim Long(OSWCR): -118.1527024

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
86	N	0.87	4,579.92	152.00	WATER WELLS

WCR No: WCR2021-006311
City: Commerce
County: Los Angeles
Decimal Latitude: 34.0009768
Decimal Longitude: -118.1680758
Location: 5200 Sheila ST
Location(OSWCR):
Original Source: California Department of Water Resources - Well Completion Reports
City(OSWCR):
County(OSWCR):
Decimal Lat(OSWCR):
Decim Long(OSWCR):

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
87	ENE	0.88	4,668.19	142.41	WATER WELLS

WCR No: WCR2019-000755
City: Commerce
County: Los Angeles
Decimal Latitude: 33.9949563
Decimal Longitude: -118.1527097
Location: 5910 Sheila ST
Location(OSWCR): 5910 Sheila ST
Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports
City(OSWCR): Commerce
County(OSWCR): Los Angeles
Decimal Lat(OSWCR): 33.9949563
Decim Long(OSWCR): -118.1527097

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
88	N	0.92	4,879.24	146.43	WATER WELLS

Wells and Additional Sources Detail Report

WCR No:	WCR2020-010312	City(OSWCR):	Commerce
City:	Commerce	County(OSWCR):	Los Angeles
County:	Los Angeles	Decimal Lat(OSWCR):	34.0015391
Decimal Latitude:	34.0015391	Decim Long(OSWCR):	-118.1642992
Decimal Longitude:	-118.1642992		
Location:	5324 E Washington BLVD		
Location(OSWCR):	5324 E Washington BLVD		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
89	SE	0.94	4,952.29	136.44	WATER WELLS

WCR No:	WCR2016-004511	City(OSWCR):	Commerce
City:	Commerce	County(OSWCR):	Los Angeles
County:	Los Angeles	Decimal Lat(OSWCR):	33.977931
Decimal Latitude:	33.977931	Decim Long(OSWCR):	-118.153897
Decimal Longitude:	-118.153897		
Location:	6141 -6241 Randolph ST		
Location(OSWCR):	6141 -6241 Randolph ST		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
90	SE	0.94	4,977.51	136.41	WATER WELLS

WCR No:	WCR2016-004513	City(OSWCR):	Commerce
City:	Commerce	County(OSWCR):	Los Angeles
County:	Los Angeles	Decimal Lat(OSWCR):	33.977834
Decimal Latitude:	33.977834	Decim Long(OSWCR):	-118.153897
Decimal Longitude:	-118.153897		
Location:	6141 -6241 Randolph ST		
Location(OSWCR):	6141 -6241 Randolph ST		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
91	SE	0.94	4,982.66	137.41	WATER WELLS

WCR No:	WCR2018-003093	City(OSWCR):	COMMERCE
City:	COMMERCE	County(OSWCR):	Los Angeles
County:	Los Angeles	Decimal Lat(OSWCR):	33.9783013
Decimal Latitude:	33.9783013	Decim Long(OSWCR):	-118.1533249
Decimal Longitude:	-118.1533249		
Location:	6141 RANDOLPH ST		
Location(OSWCR):	6141 RANDOLPH ST		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water		

Wells and Additional Sources Detail Report

Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
95	SE	0.97	5,109.28	137.41	WATER WELLS

WCR No:	WCR2016-004509	City(OSWCR):	Commerce
City:	Commerce	County(OSWCR):	Los Angeles
County:	Los Angeles	Decimal Lat(OSWCR):	33.978748
Decimal Latitude:	33.978748	Decim Long(OSWCR):	-118.152303
Decimal Longitude:	-118.152303		
Location:	6141 -6241 Randolph ST		
Location(OSWCR):	6141 -6241 Randolph ST		
Original 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**

List of drinking water violations and enforcement actions from the Safe Drinking Water Information System (SDWIS) made available by the Drinking Water Protection Division of the US EPA's Office of Groundwater and Drinking Water. Enforcement sensitive actions are not included in the data released by the EPA. 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**

The Safe Drinking Water Information System (SDWIS) contains information about public water systems as reported to US Environmental Protection Agency (EPA) by the states. Addresses may correspond with the 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 (USGS)'s National Water Information System (NWIS) is the nation's principal repository of water resources data. This database includes comprehensive information of well-construction details, time-series data for gage height, streamflow, groundwater level, and precipitation and water use data.

State Sources

Oil and Gas Wells — **OGW**

A list of Oil and Gas well locations. This is provided by California's Department of Conservation Division of

Appendix

Oil, Gas and Geothermal Resources.

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.

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Appendix C

Historical Research Documentation

HISTORICAL AERIALS

Project Property: Bell Oasis II
5600 Rickenbacker Road
Bell Gardens CA

Project No: 21-12270

Requested By: Rincon Consultants, Inc.

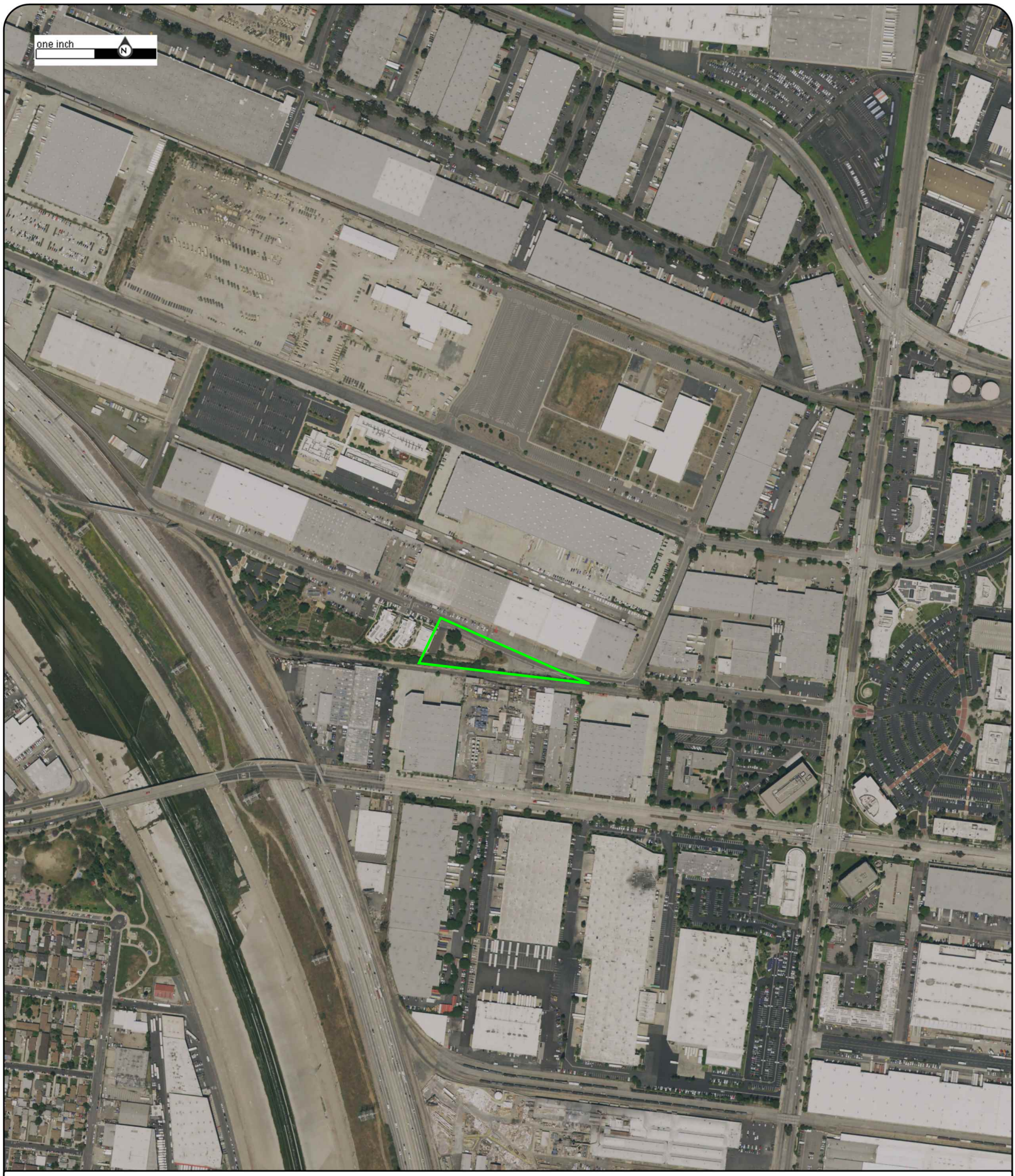
Order No: 21123000390

Date Completed: January 03,2022

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Environmental Risk Information Services
A division of Glacier Media Inc.
1.866.517.5204 | info@erisinfo.com | erisinfo.com

Date	Source	Scale	Comments
2020	United States Departments of Agriculture	1" = 500'	
2018	United States Departments of Agriculture	1" = 500'	
2016	United States Departments of Agriculture	1" = 500'	
2014	United States Departments of Agriculture	1" = 500'	
2012	United States Departments of Agriculture	1" = 500'	
2010	United States Departments of Agriculture	1" = 500'	
2005	United States Departments of Agriculture	1" = 500'	
1995	National Aeronautics And Space Admin	1" = 500'	
1994	United States Geological Survey	1" = 500'	
1988	United States Geological Survey	1" = 500'	
1982	Teledyne	1" = 500'	
1976	United States Departments of Agriculture	1" = 500'	
1972	United States Geological Survey	1" = 500'	
1963	United States Geological Survey	1" = 500'	
1960	FAIRCHILD	1" = 500'	
1952	Agricultural Stabilization & Conserv. Service	1" = 500'	
1947	FAIRCHILD	1" = 500'	
1938	Agricultural Stabilization & Conserv. Service	1" = 500'	
1928	FAIRCHILD	1" = 500'	

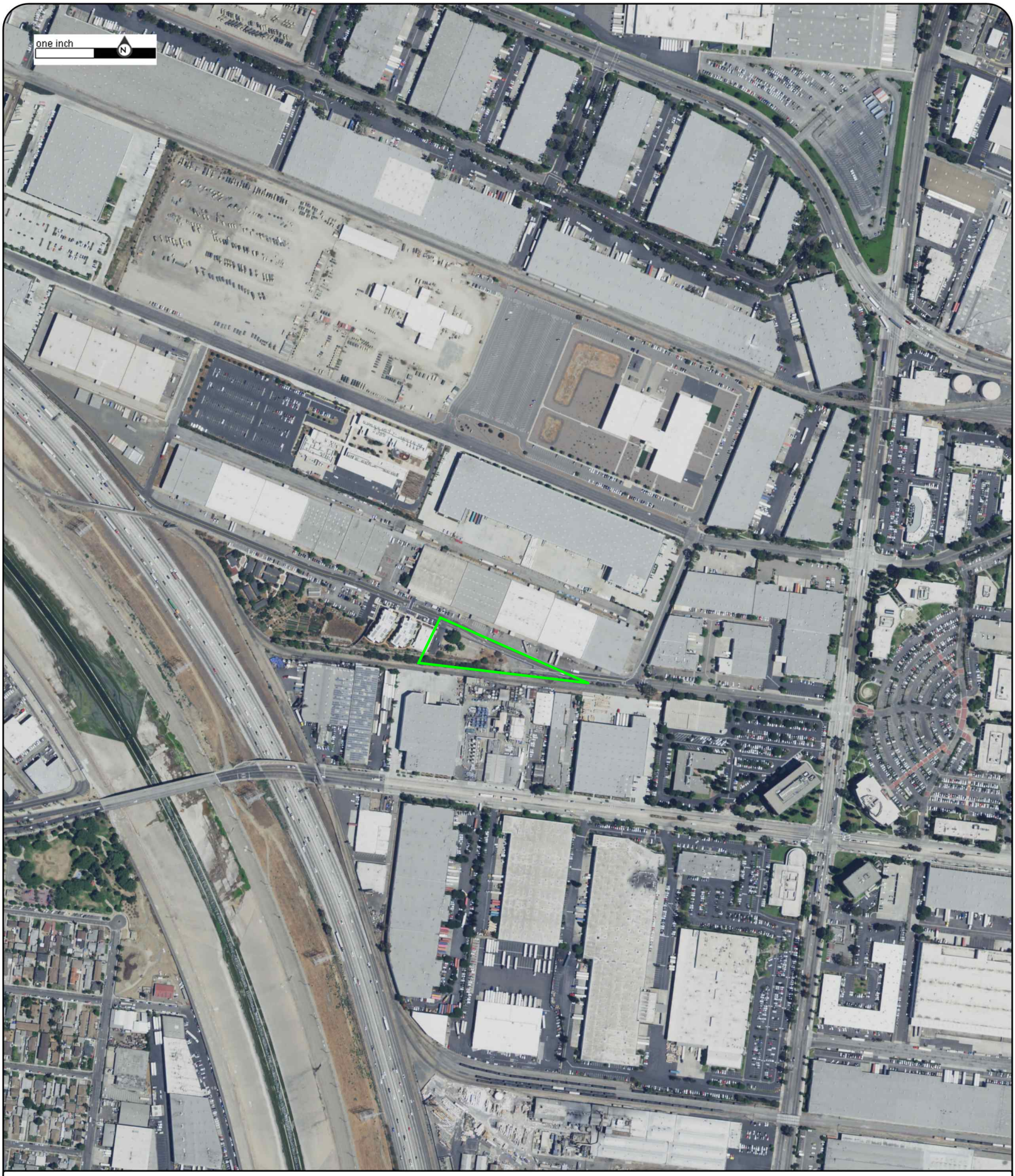


Year: 2020
Source: USDA
Scale: 1" = 500'
Comment:

Address: 5600 Rickenbacker Road, Bell Gardens, CA
Approx Center: -118.16687963,33.9879721

Order No: 21123000390

ERIS

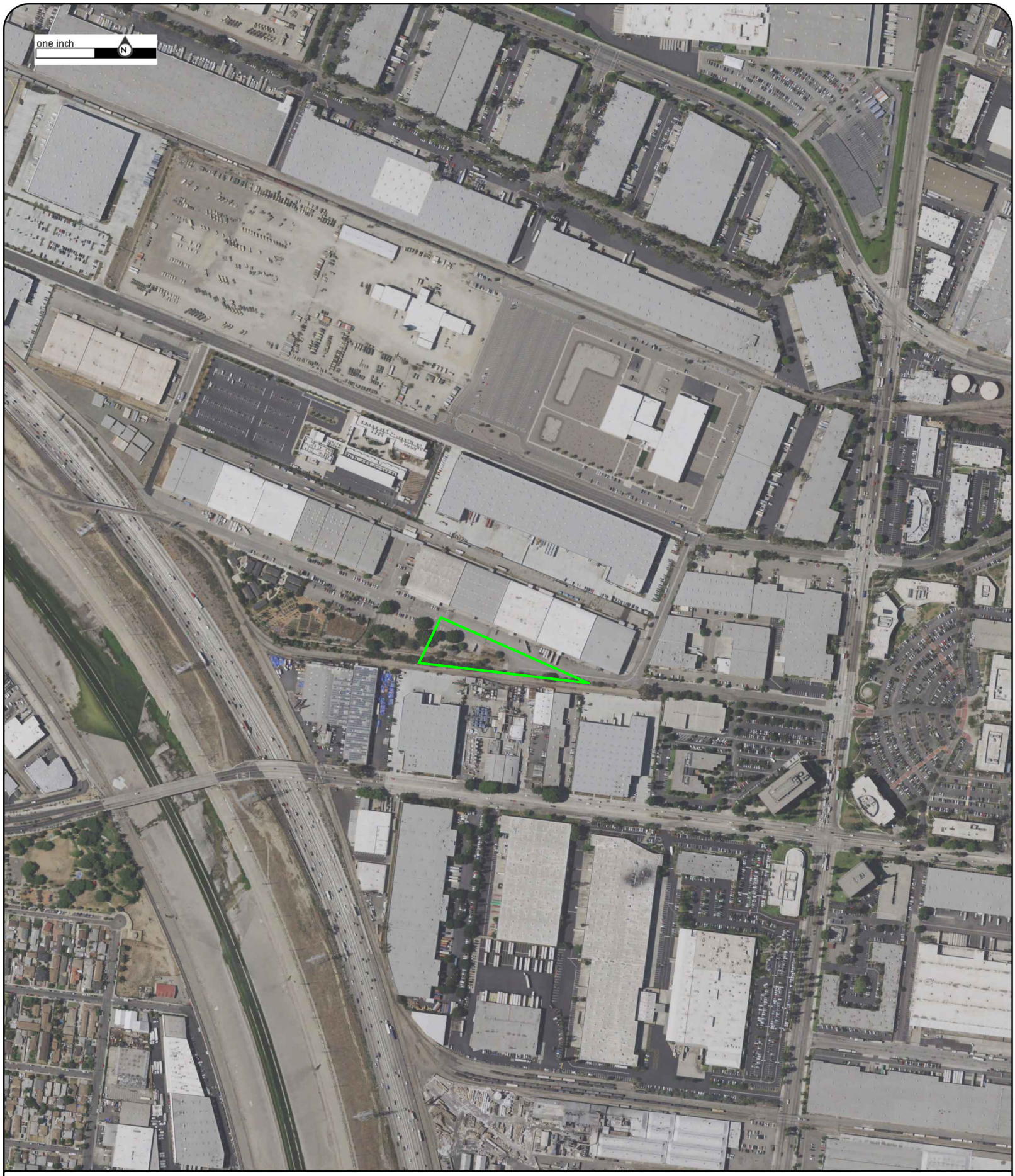


Year: 2018
Source: USDA
Scale: 1" = 500'
Comment:

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Approx Center: -118.16687963,33.9879721

Order No: 21123000390

ERIS

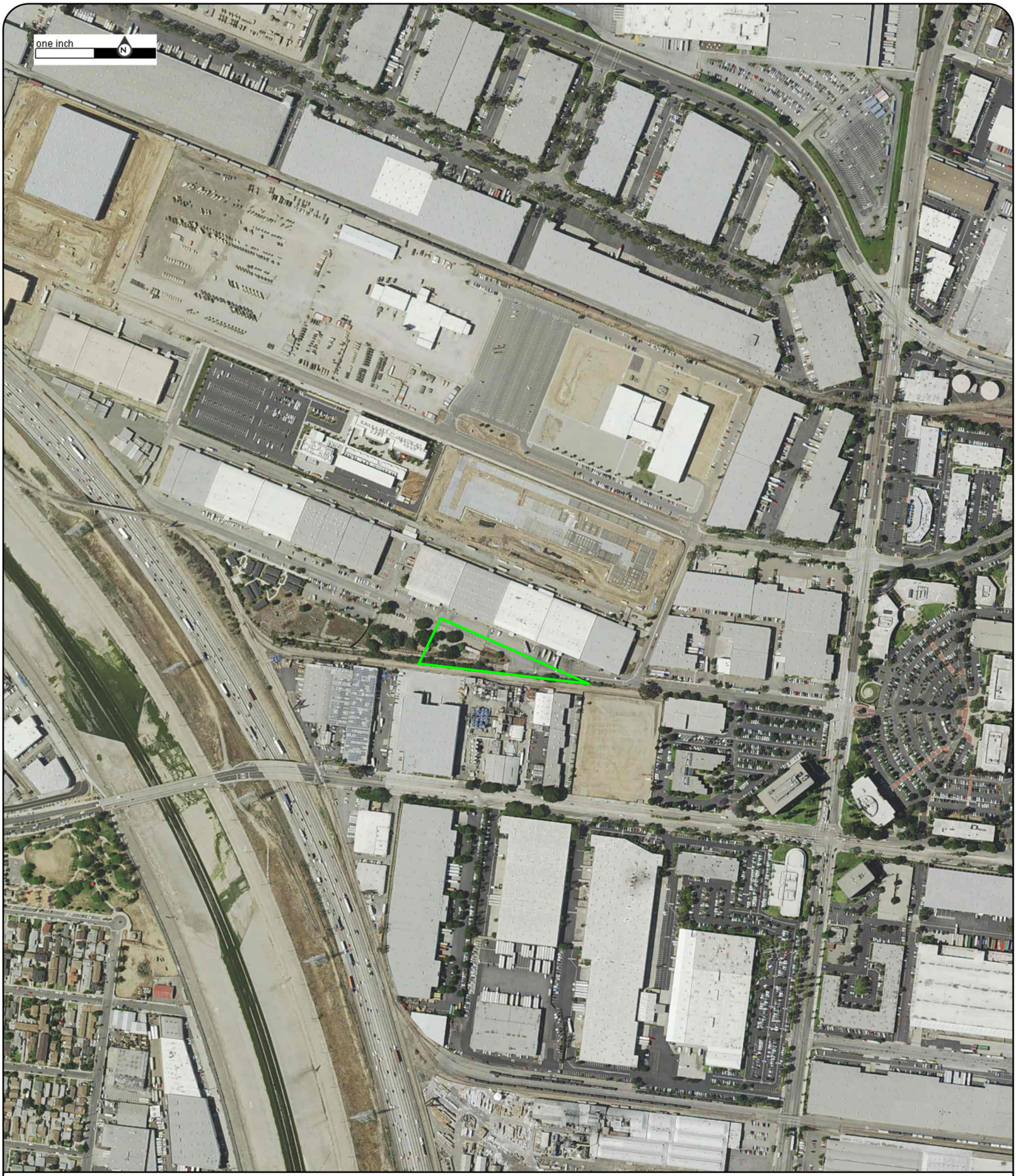


Year: 2016
Source: USDA
Scale: 1" = 500'
Comment:

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Approx Center: -118.16687963,33.9879721

Order No: 21123000390

ERIS



Year: 2014
Source: USDA
Scale: 1" = 500'
Comment:

Address: 5600 Rickenbacker Road, Bell Gardens, CA
Approx Center: -118.16687963,33.9879721

Order No: 21123000390

ERIS

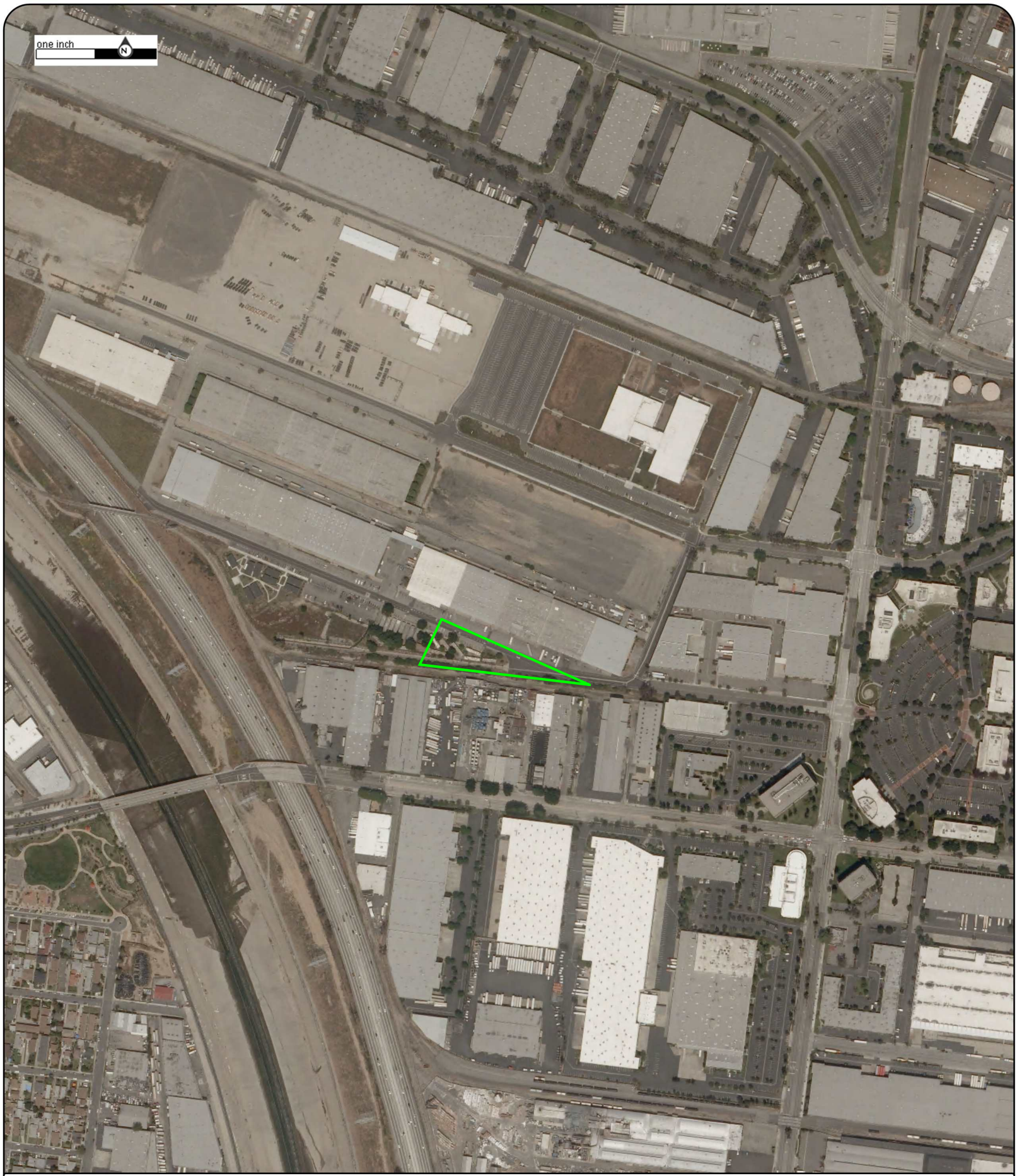


Year: 2012
Source: USDA
Scale: 1" = 500'
Comment:

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Approx Center: -118.16687963,33.9879721

Order No: 21123000390

ERIS

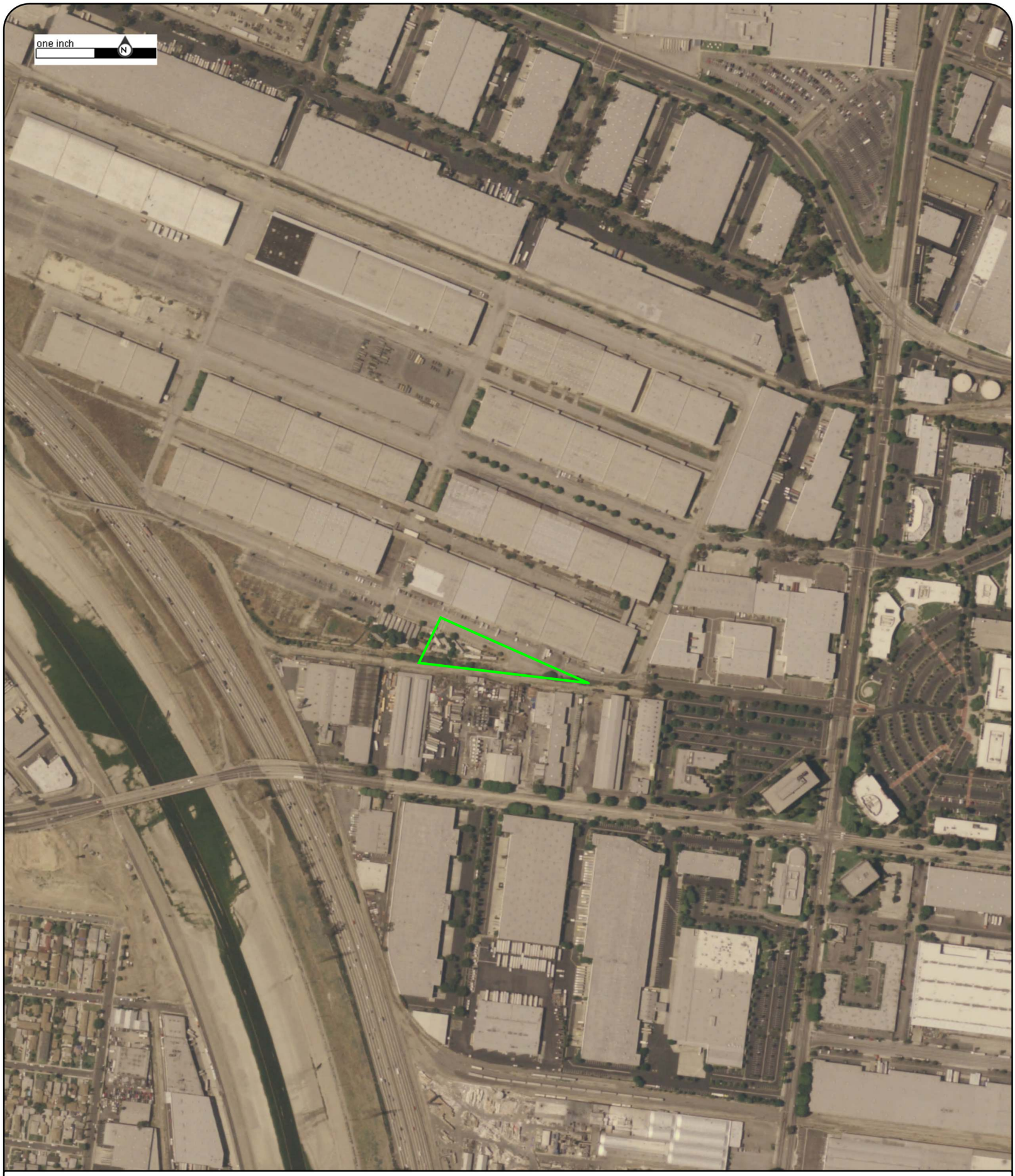


Year: 2010
Source: USDA
Scale: 1" = 500'
Comment:

Address: 5600 Rickenbacker Road, Bell Gardens, CA
Approx Center: -118.16687963,33.9879721

Order No: 21123000390

ERIS



Year: 2005
Source: USDA
Scale: 1" = 500'
Comment:

Address: 5600 Rickenbacker Road, Bell Gardens, CA
Approx Center: -118.16687963,33.9879721

Order No: 21123000390

ERIS



Year: 1995
Source: NASA
Scale: 1" = 500'
Comment:

Address: 5600 Rickenbacker Road, Bell Gardens, CA
Approx Center: -118.16687963,33.9879721

Order No: 21123000390

ERIS



Year: 1994
Source: USGS
Scale: 1" = 500'
Comment:

Address: 5600 Rickenbacker Road, Bell Gardens, CA
Approx Center: -118.16687963,33.9879721

Order No: 21123000390

ERIS



Year: 1988
Source: USGS
Scale: 1" = 500'
Comment:

Address: 5600 Rickenbacker Road, Bell Gardens, CA
Approx Center: -118.16687963,33.9879721

Order No: 21123000390

ERIS



Year: 1982
Source: TG
Scale: 1" = 500'
Comment:

Address: 5600 Rickenbacker Road, Bell Gardens, CA
Approx Center: -118.16687963,33.9879721

Order No: 21123000390

ERIS



Year: 1976
Source: USDA
Scale: 1" = 500'
Comment:

Address: 5600 Rickenbacker Road, Bell Gardens, CA
Approx Center: -118.16687963,33.9879721

Order No: 21123000390

ERIS



Year: 1972
Source: USGS
Scale: 1" = 500'
Comment:

Address: 5600 Rickenbacker Road, Bell Gardens, CA
Approx Center: -118.16687963,33.9879721

Order No: 21123000390

ERIS



Year: 1963
Source: USGS
Scale: 1" = 500'
Comment:

Address: 5600 Rickenbacker Road, Bell Gardens, CA
Approx Center: -118.16687963,33.9879721

Order No: 21123000390

ERIS



Year: 1960
Source: FAIRCHILD
Scale: 1" = 500'
Comment:

Address: 5600 Rickenbacker Road, Bell Gardens, CA
Approx Center: -118.16687963,33.9879721

Order No: 21123000390

ERIS



Year: 1952
Source: ASCS
Scale: 1" = 500'
Comment:

Address: 5600 Rickenbacker Road, Bell Gardens, CA
Approx Center: -118.16687963,33.9879721

Order No: 21123000390

ERIS



Year: 1947
Source: FAIRCHILD
Scale: 1" = 500'
Comment:

Address: 5600 Rickenbacker Road, Bell Gardens, CA
Approx Center: -118.16687963,33.9879721

Order No: 21123000390

ERIS



Year: 1938
Source: ASCS
Scale: 1" = 500'
Comment:

Address: 5600 Rickenbacker Road, Bell Gardens, CA
Approx Center: -118.16687963,33.9879721

Order No: 21123000390

ERIS



Year: 1928
Source: FAIRCHILD
Scale: 1" = 500'
Comment:

Address: 5600 Rickenbacker Road, Bell Gardens, CA
Approx Center: -118.16687963,33.9879721

Order No: 21123000390

ERIS

TOPOGRAPHIC MAPS

Project Property:	Bell Oasis II 5600 Rickenbacker Road Bell Gardens CA None
Project No:	21-12270
Requested By:	Rincon Consultants, Inc.
Order No:	21123000390
Date Completed:	December 30, 2021

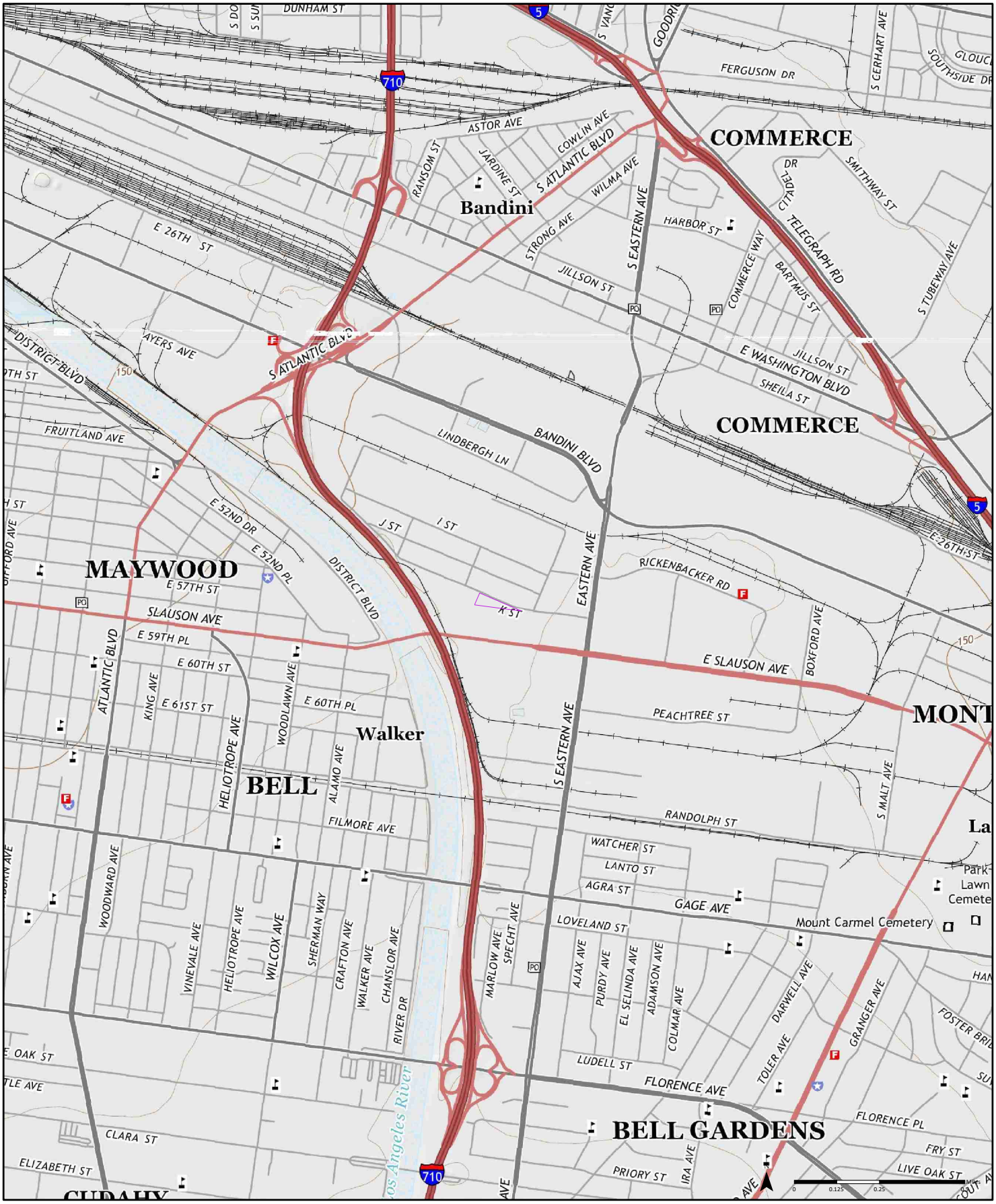
Environmental Risk Information Services
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1.866.517.5204 | info@erisinfo.com | erisinfo.com

We have searched USGS collections of current topographic maps and historical topographic maps for the project property. Below is a list of maps found for the project property and adjacent area. Maps are from 7.5 and 15 minute topographic map series, if available.

Year	Map Series
2015	7.5
1994	7.5
1981	7.5
1972	7.5
1966	7.5
1964	7.5
1953	7.5
1949	7.5
1936	7.5
1926	7.5
1925	7.5
1924	7.5
1923	7.5
1943	15
1942	15
1902	15
1900	15
1899	15
1896	15
1894	15

Topographic Map Symbology for the maps may be available in the following documents:
Pre-1947
Page 223 of 1918 Topographic Instructions
Page 130 of 1928 Topographic Instructions
1947-2009
Topographic Map Symbols
2009-present
US Topo Map Symbols

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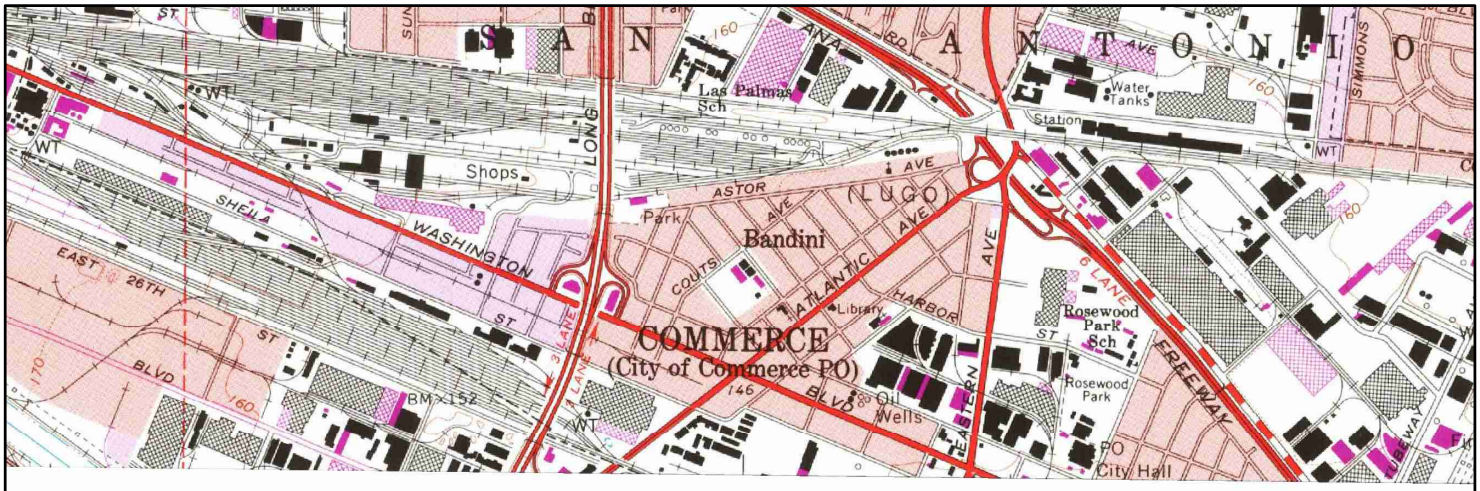


2015

Quadrangle(s): South Gate, CA; Los Angeles, CA

Order No. 21123000390

Source: USGS 7.5 Minute Topographic Map



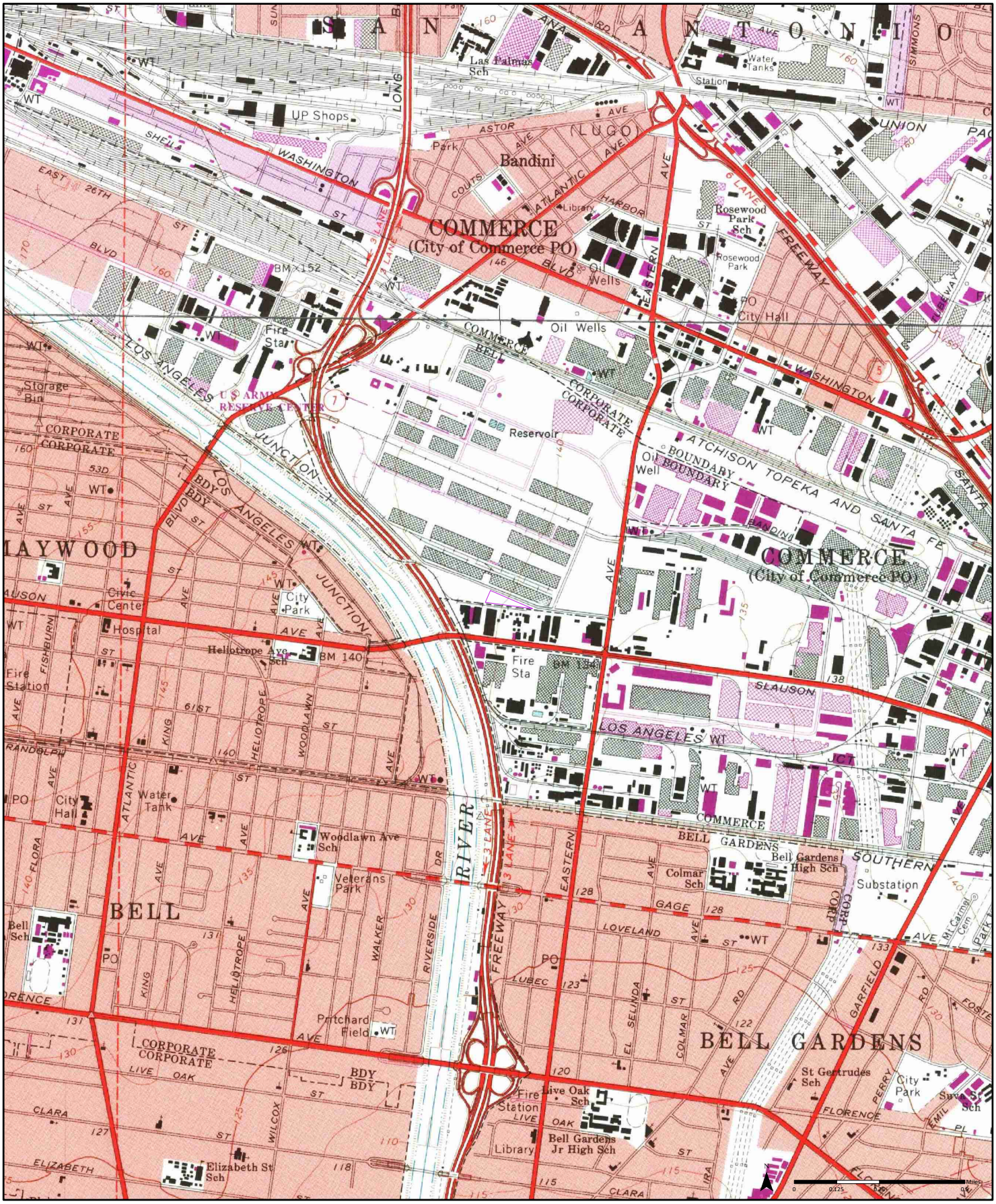
1994 (1)

Aerial Photo Year: 1978
Photo Revision Year: 1981

Quadrangle(s): Los Angeles, CA(1)

Order No. 21123000390

Source: USGS 7.5 Minute Topographic Map



1981

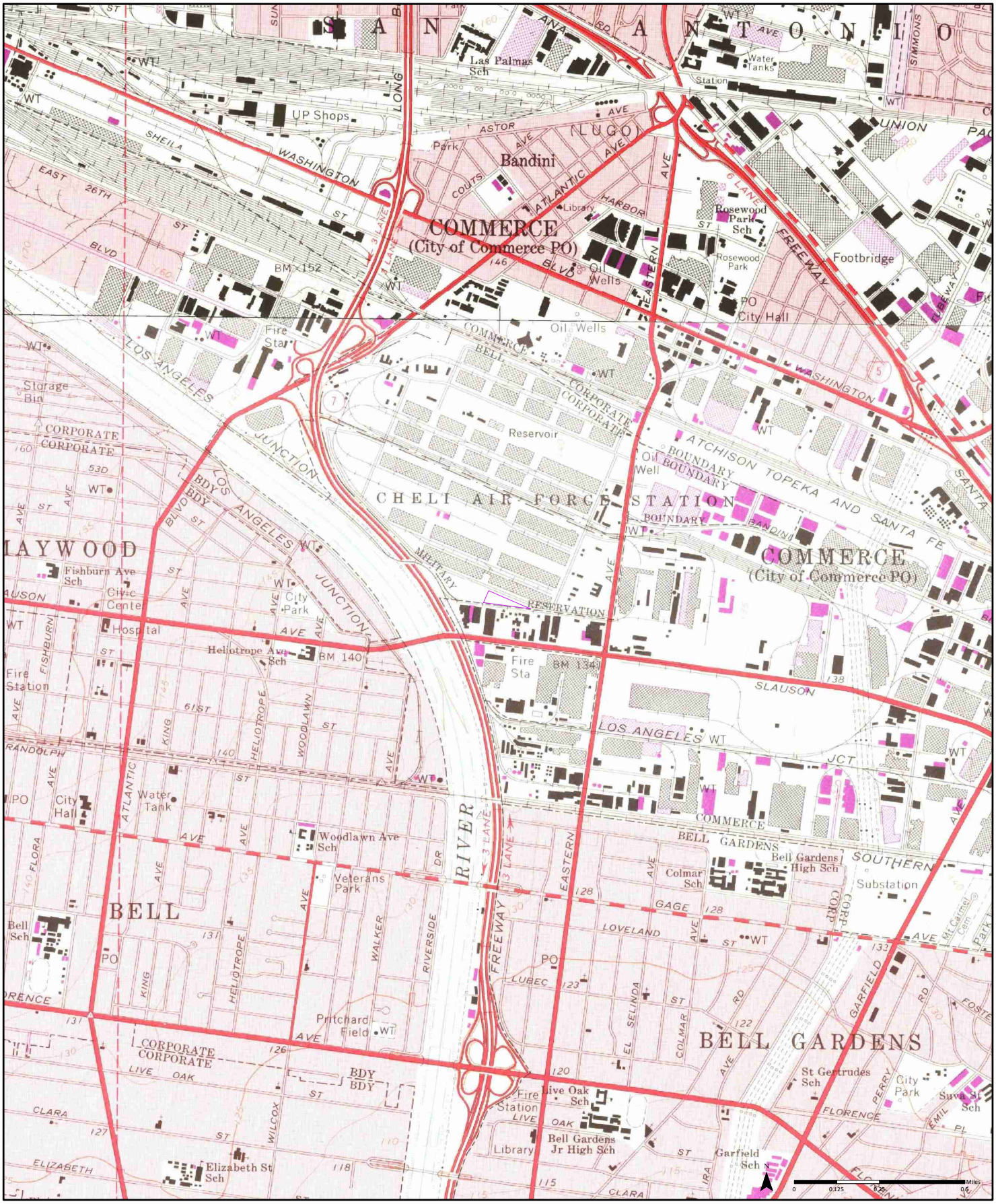
(1) *Aerial Photo Year: 1978*
Photo Revision Year: 1981

(2) *Aerial Photo Year: 1978*
Photo Revision Year: 1981

Quadrangle(s): South Gate, CA(1); Los Angeles, CA(2)

Order No. 21123000390

Source: USGS 7.5 Minute Topographic Map



1972

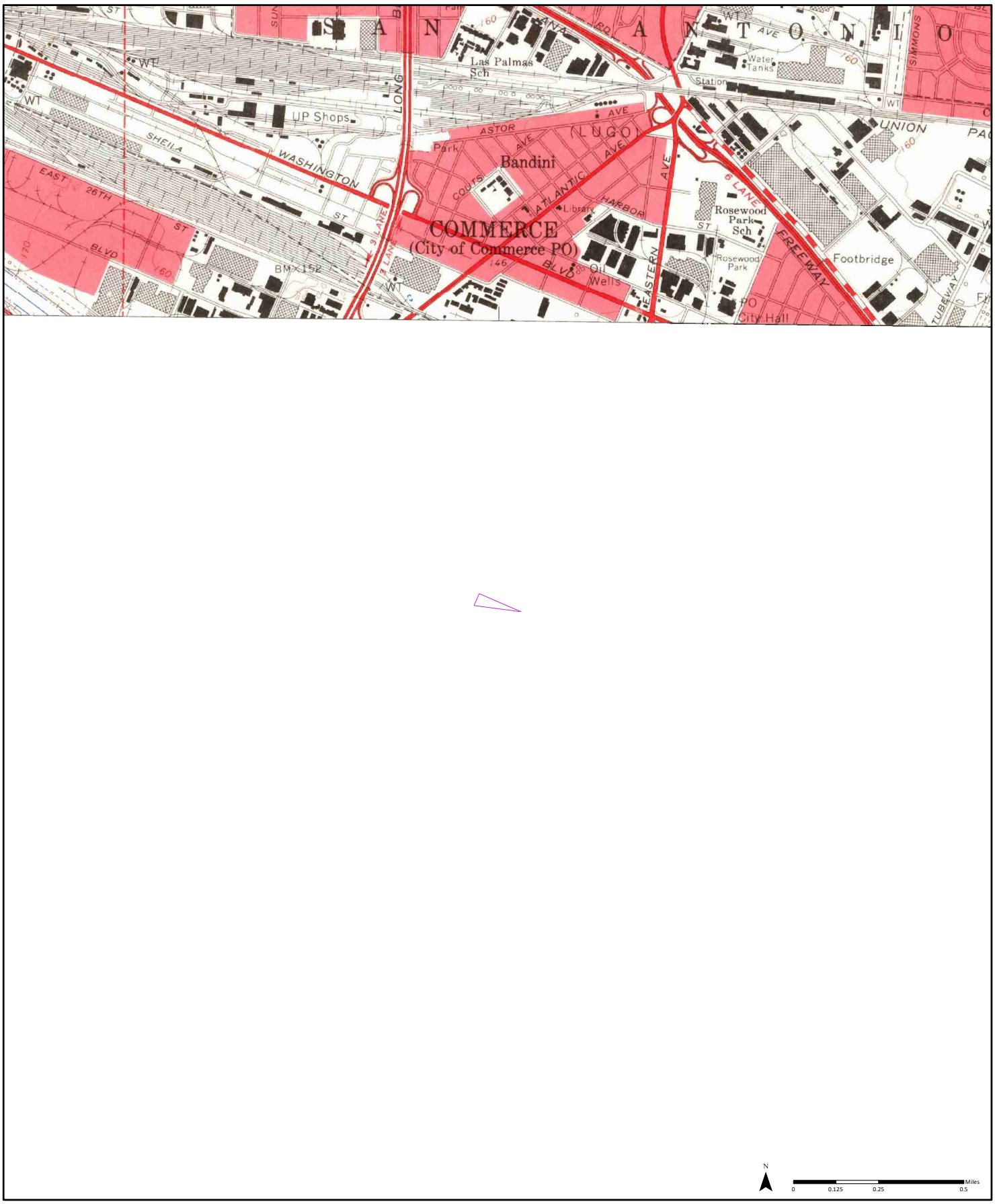
(1) *Aerial Photo Year: 1972*
Photo Revision Year: 1972

(2) *Aerial Photo Year: 1972*
Photo Revision Year: 1972

Quadrangle(s): Los Angeles, CA(1); South Gate, CA(2)

Order No. 21123000390

Source: USGS 7.5 Minute Topographic Map

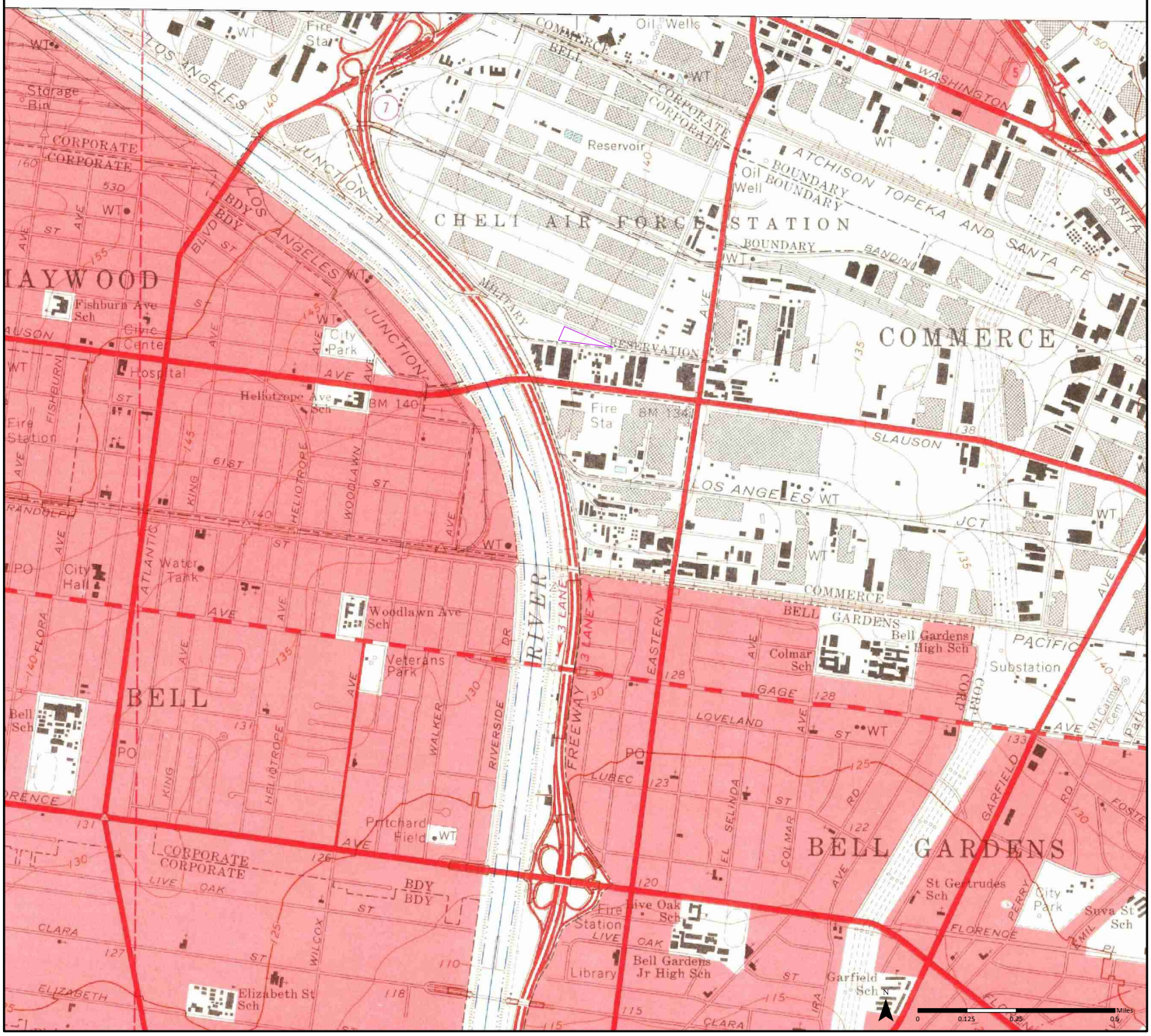


1966 (1) *Aerial Photo Year: 1964*

Quadrangle(s): Los Angeles, CA(1)

Order No. 21123000390

Source: USGS 7.5 Minute Topographic Map

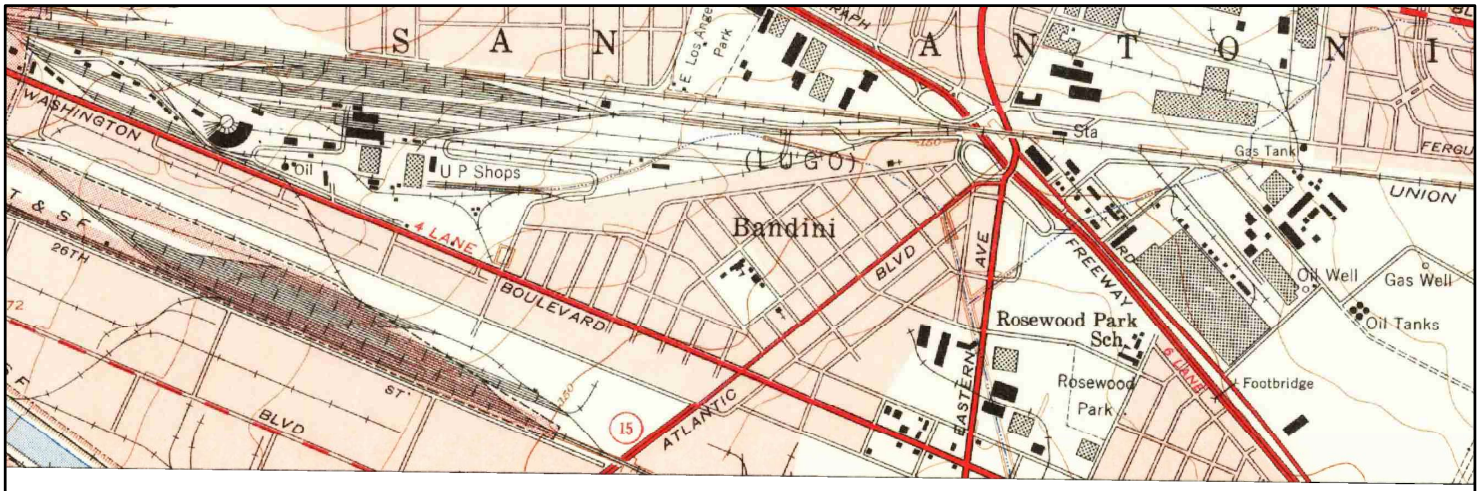


1964 (1) *Aerial Photo Year: 1963*

Quadrangle(s): South Gate, CA(1)

Order No. 21123000390

Source: USGS 7.5 Minute Topographic Map

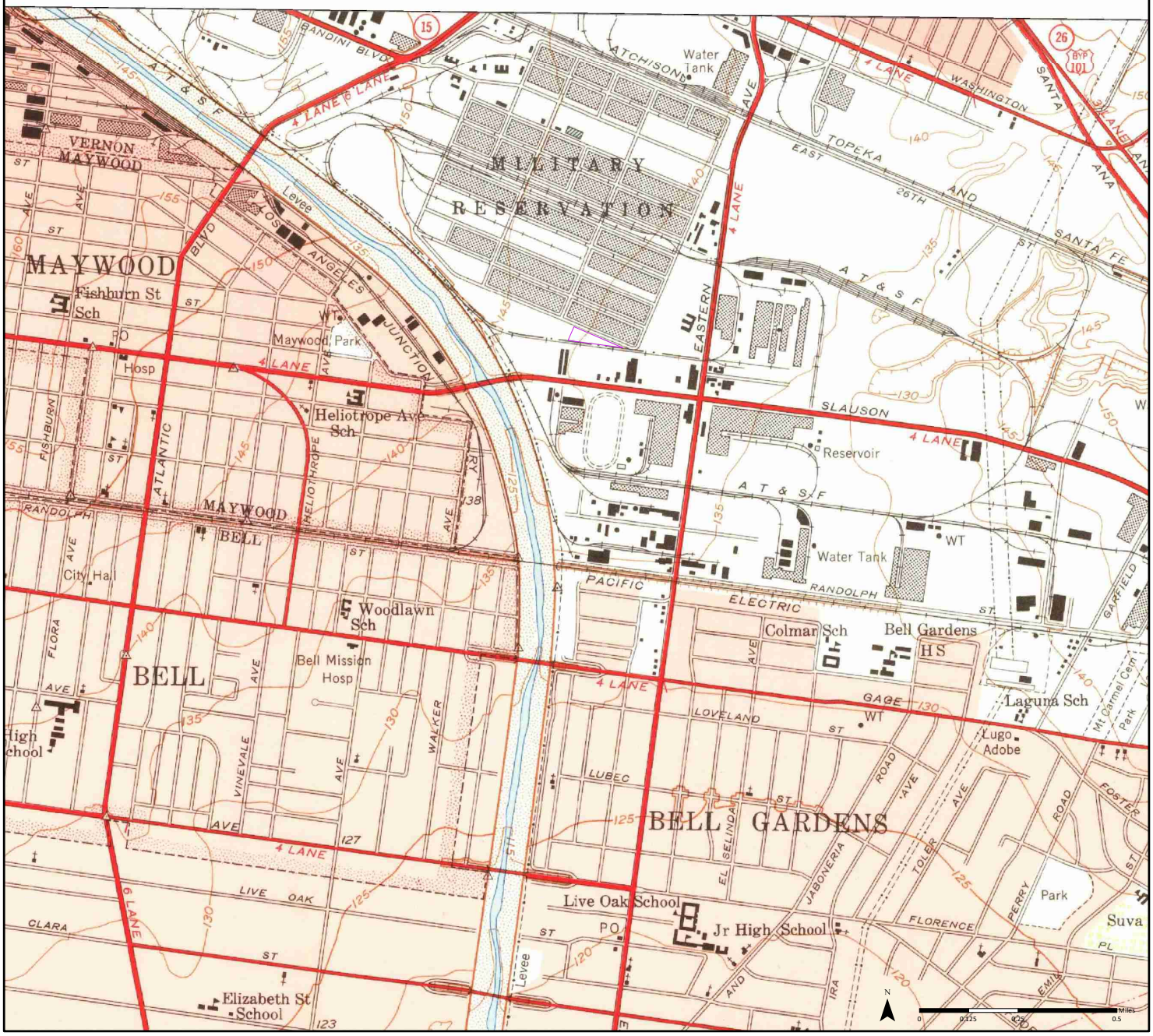


1953 (1) *Aerial Photo Year: 1952*

Quadrangle(s): Los Angeles, CA(1)

Order No. 21123000390

Source: USGS 7.5 Minute Topographic Map

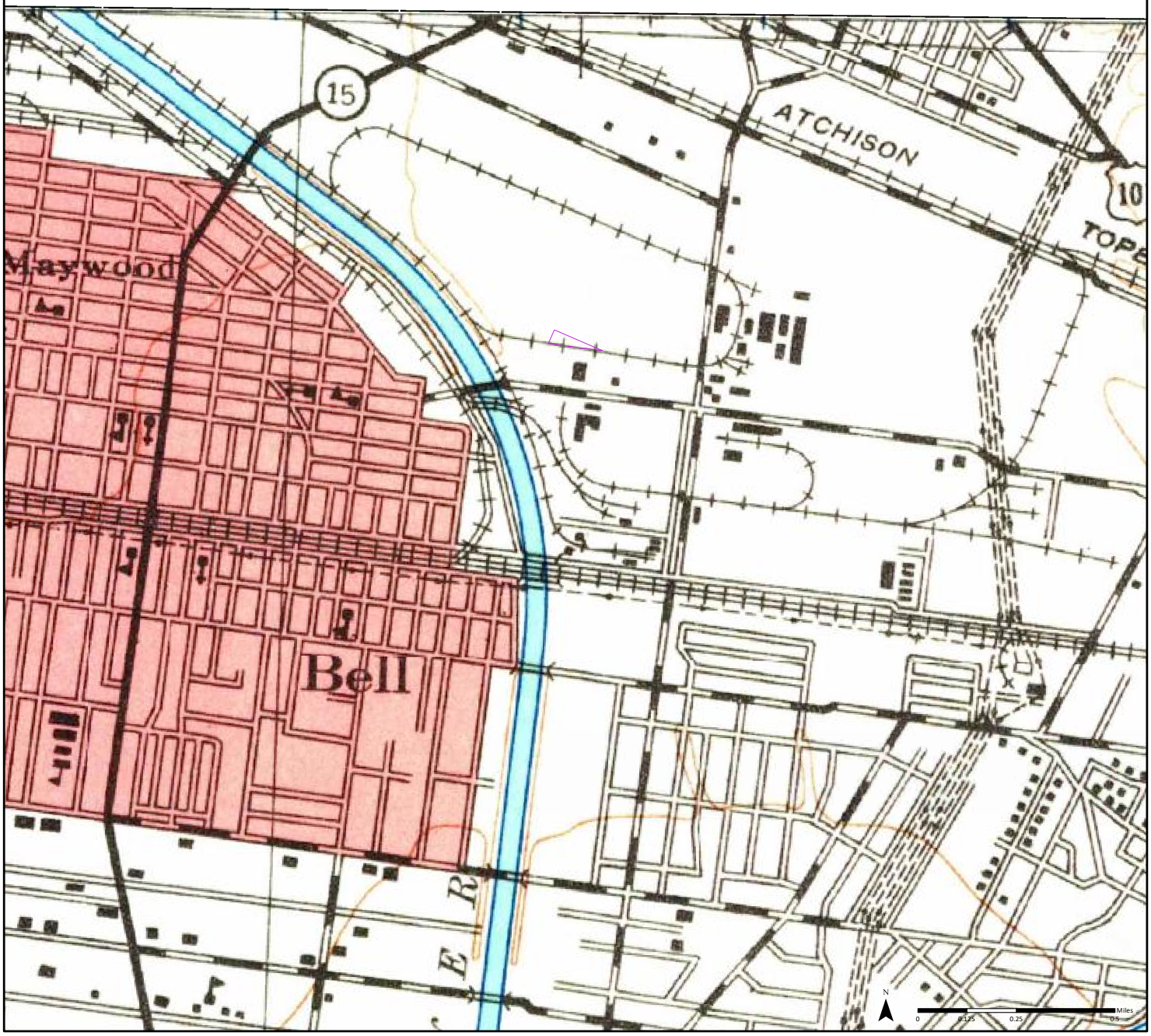


1949 [1] *Aerial Photo Year: 1947*

Quadrangle(s): South Gate, CA[1]

Order No. 21123000390

Source: USGS 7.5 Minute Topographic Map

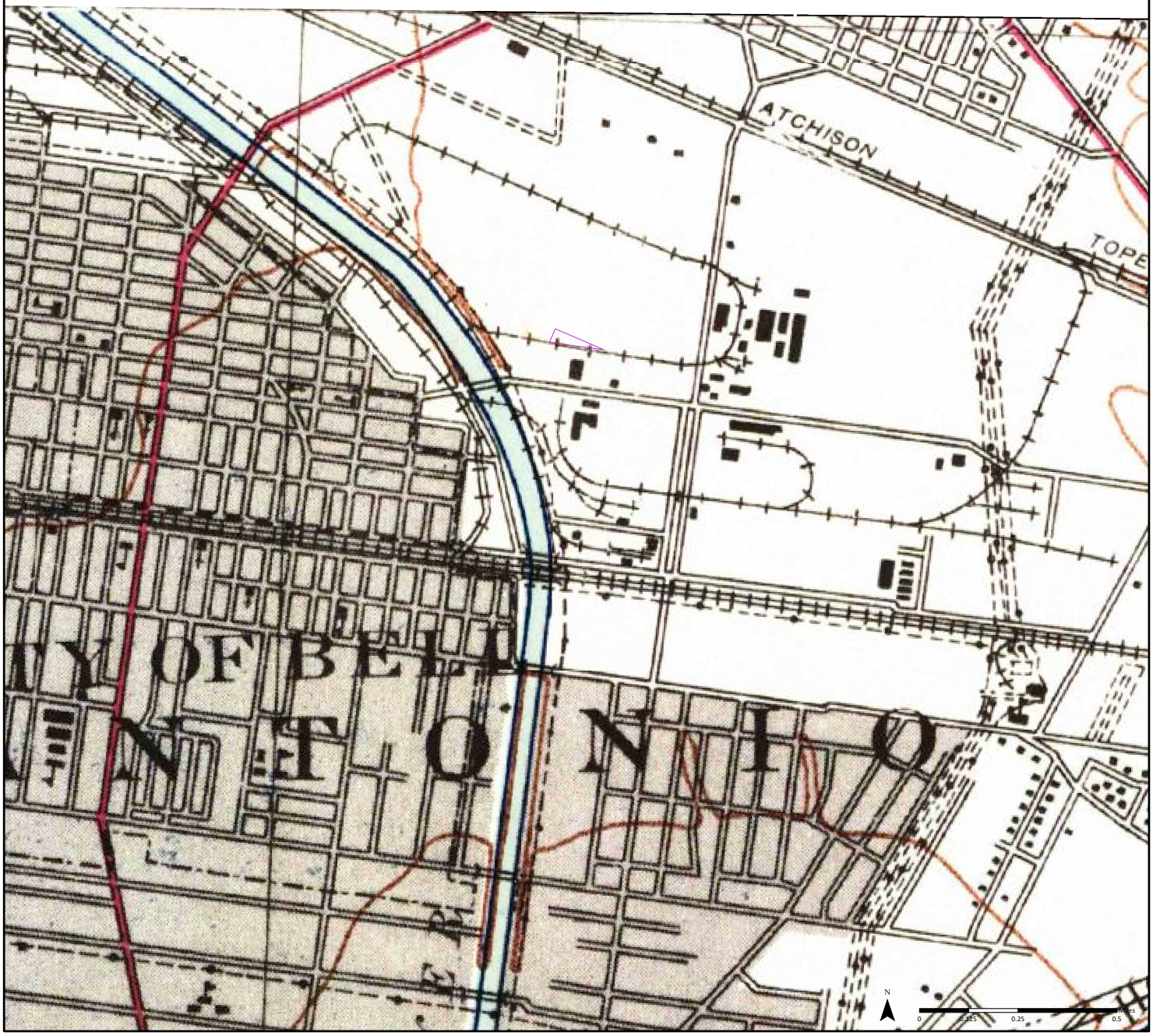


1943 (1) *Aerial Photo Year: 1939*

Quadrangle(s): Downey, CA(1)

Order No. 21123000390

Source: USGS 15 Minute Topographic Map

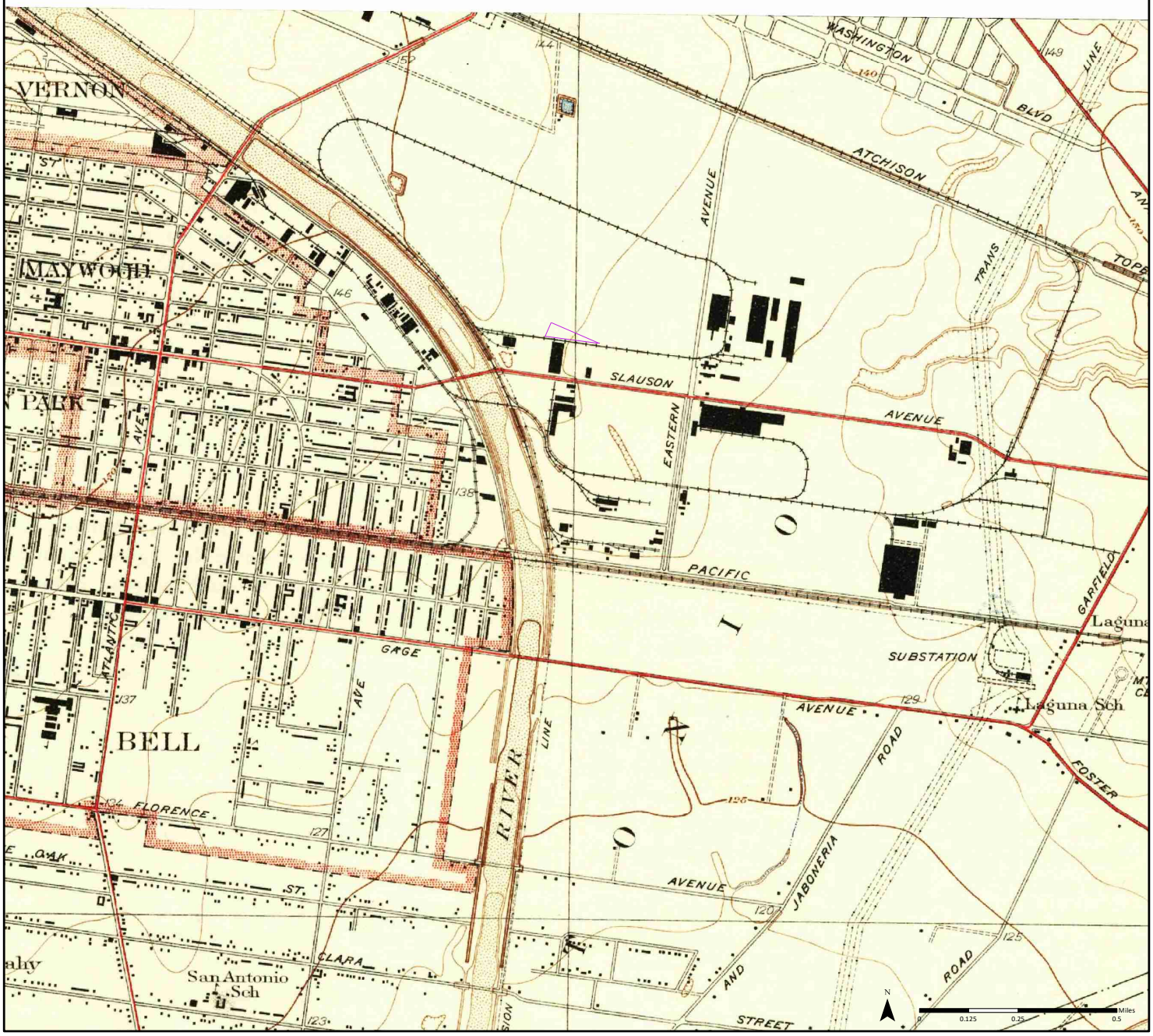


1942

Quadrangle(s): Downey, CA

Order No. 21123000390

Source: USGS 15 Minute Topographic Map

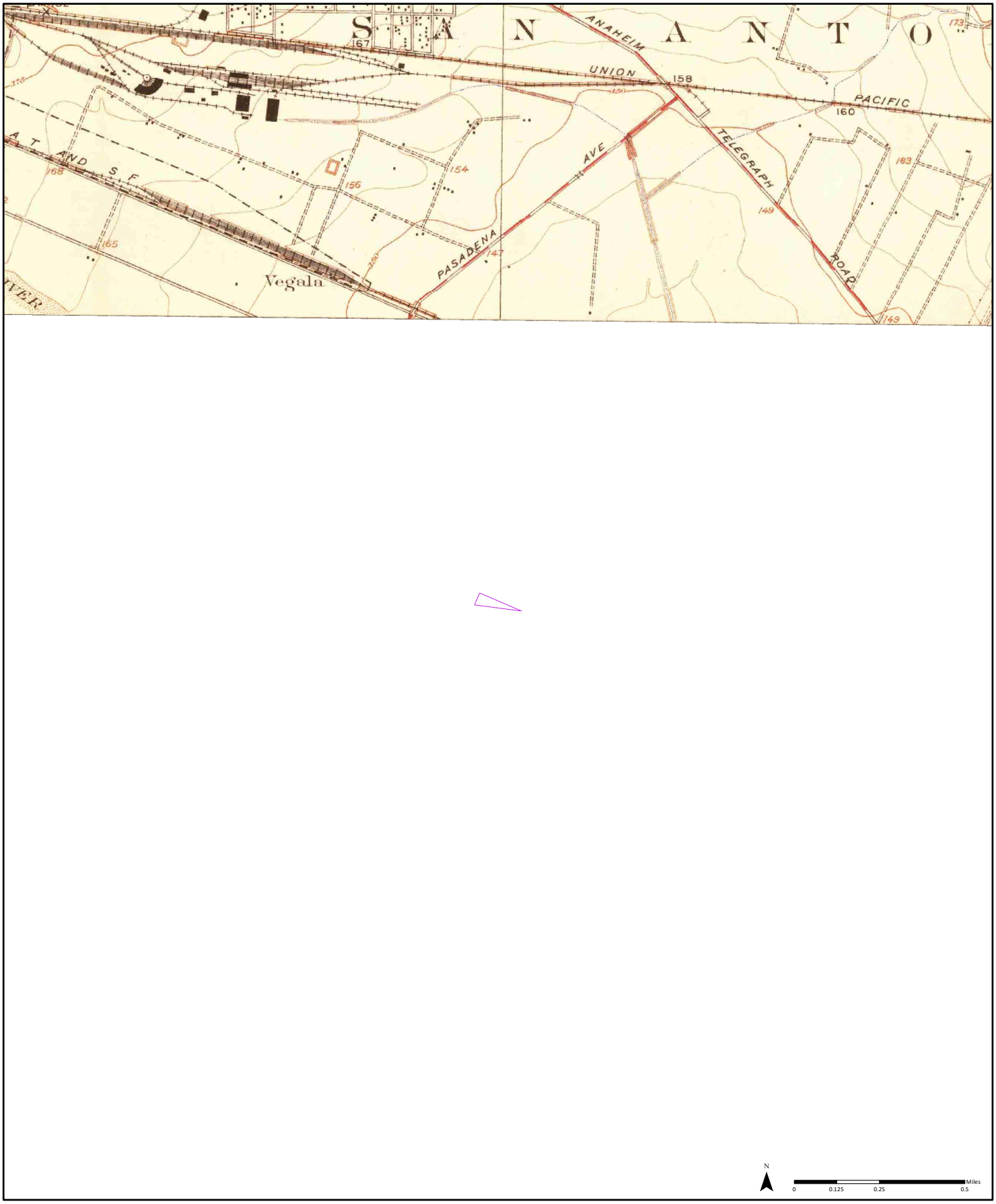


1936

Quadrangle(s): Bell, CA

Order No. 21123000390

Source: USGS 7.5 Minute Topographic Map

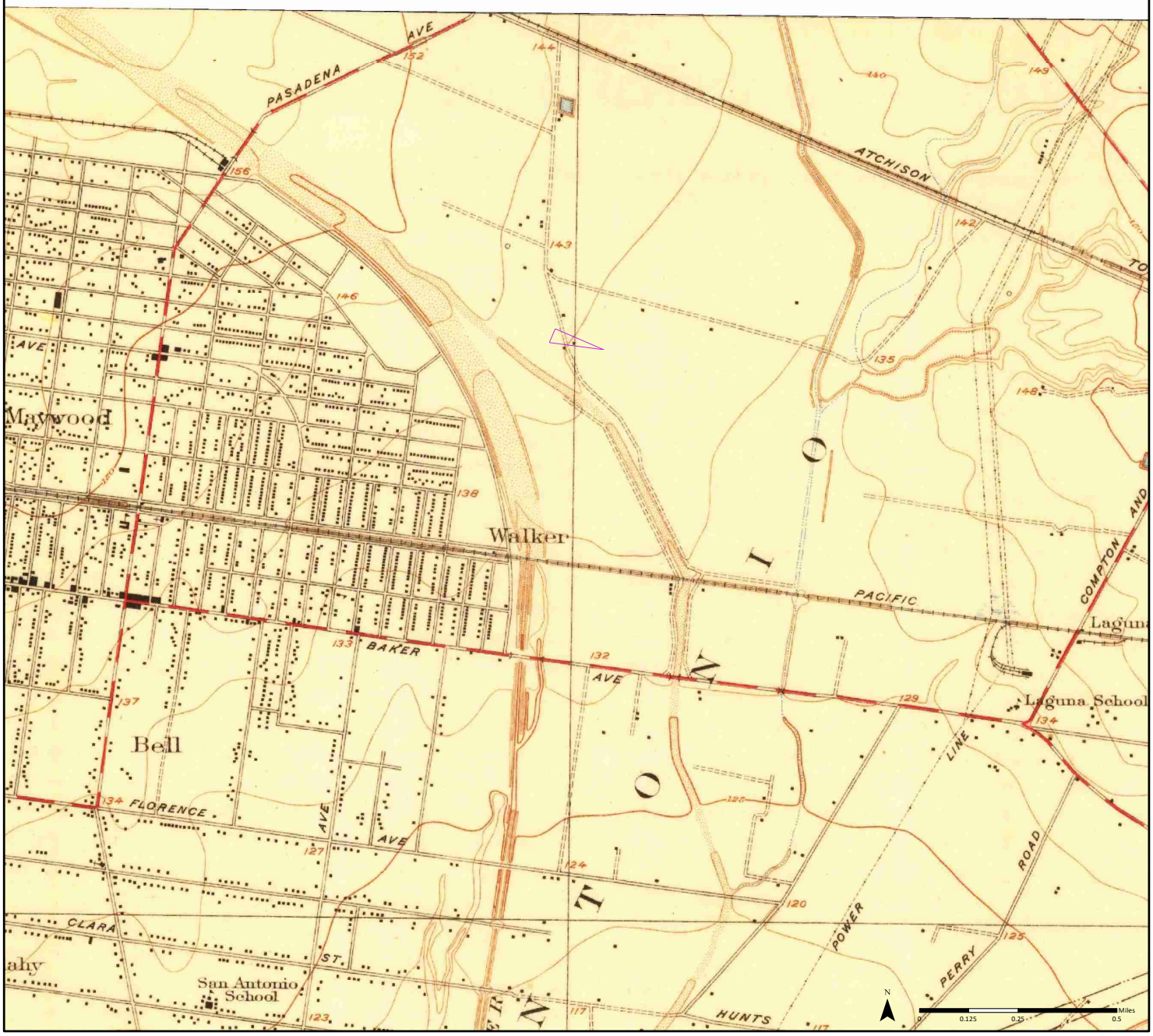


1926

Quadrangle(s): Alhambra, CA

Order No. 21123000390

Source: USGS 7.5 Minute Topographic Map

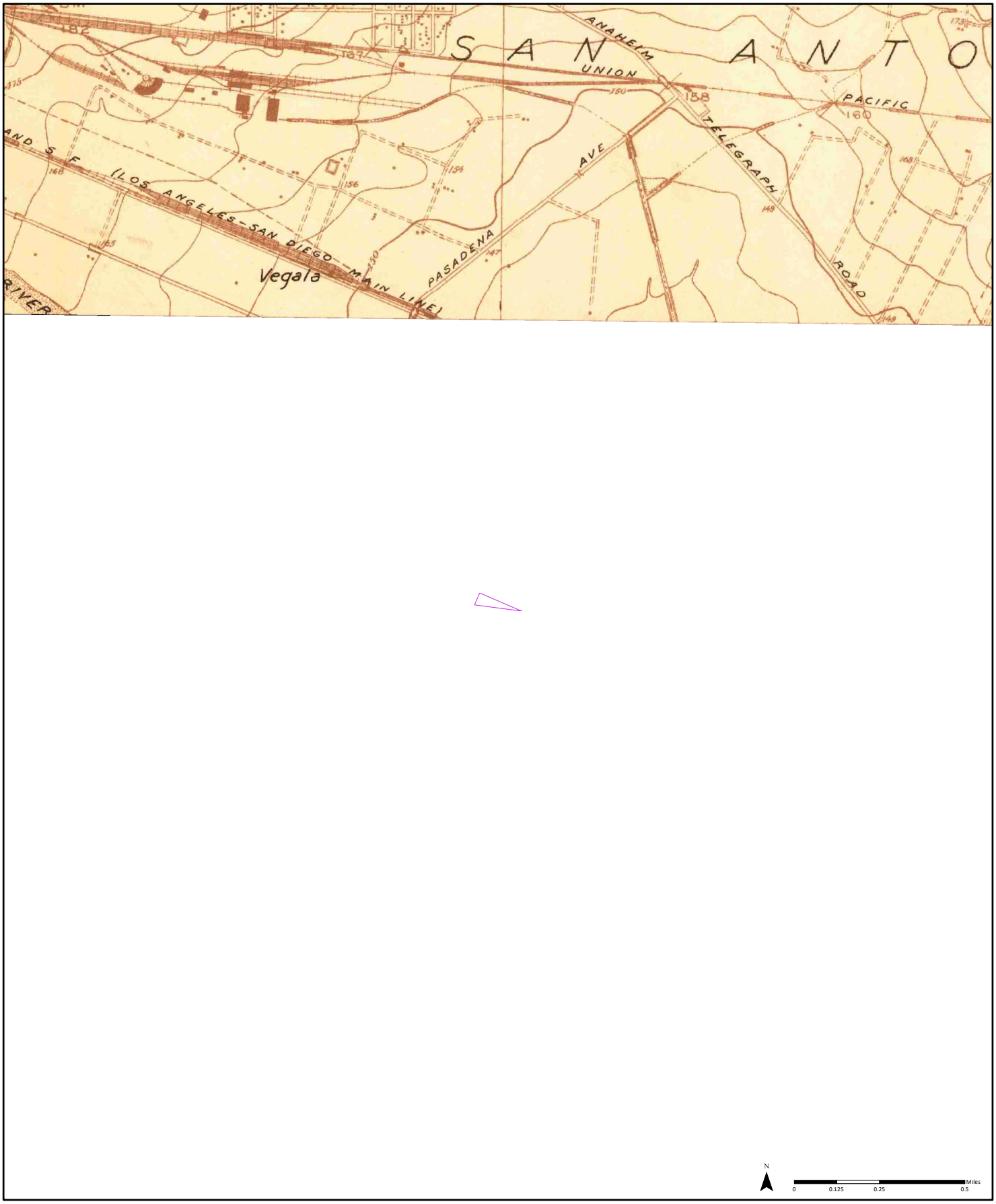


1925

Quadrangle(s): Bell, CA

Order No. 21123000390

Source: USGS 7.5 Minute Topographic Map



1924

Quadrangle(s): Alhambra, CA

Order No. 21123000390

Source: USGS 7.5 Minute Topographic Map

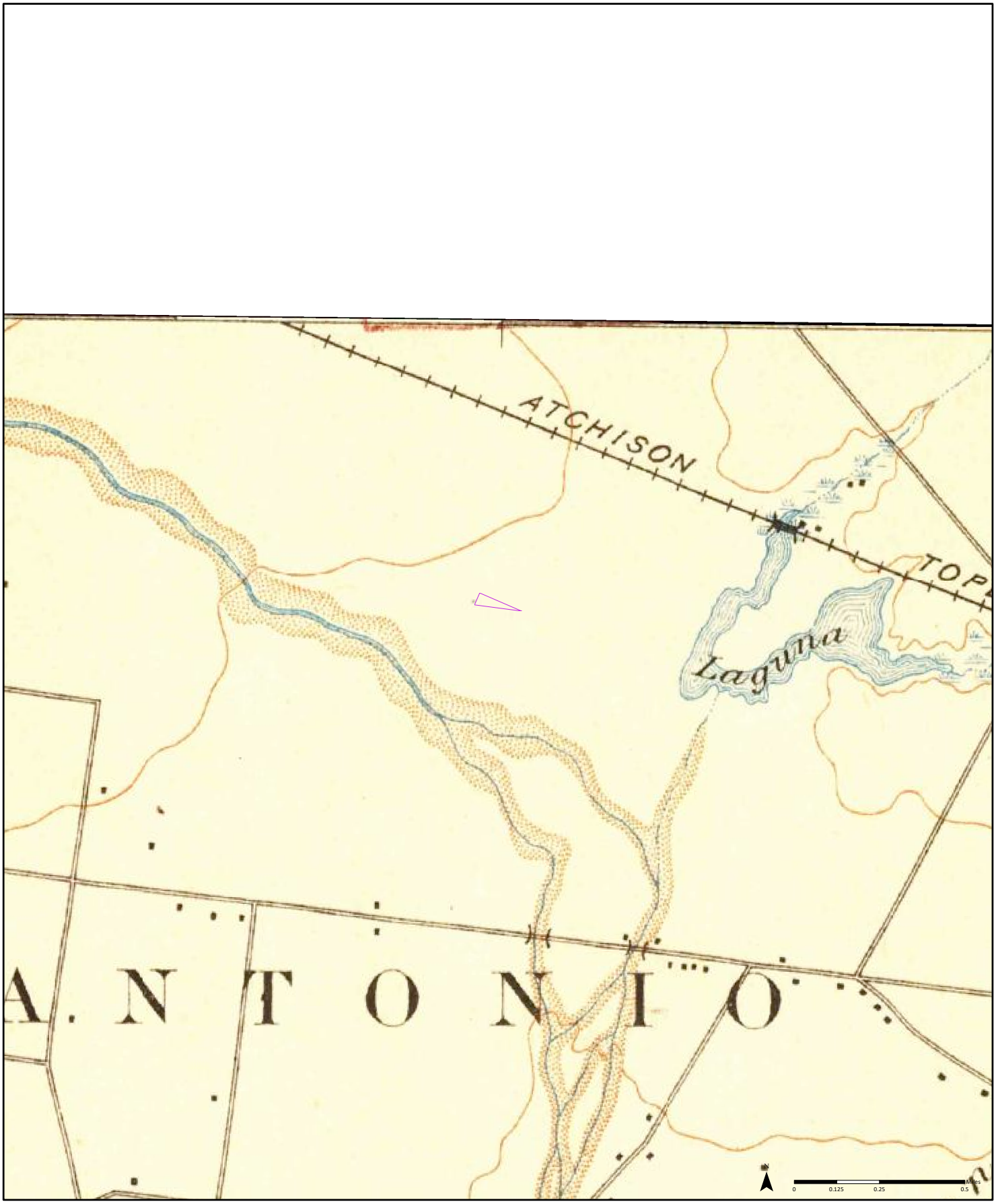


1923

Quadrangle(s): Bell, CA

Order No. 21123000390

Source: USGS 7.5 Minute Topographic Map

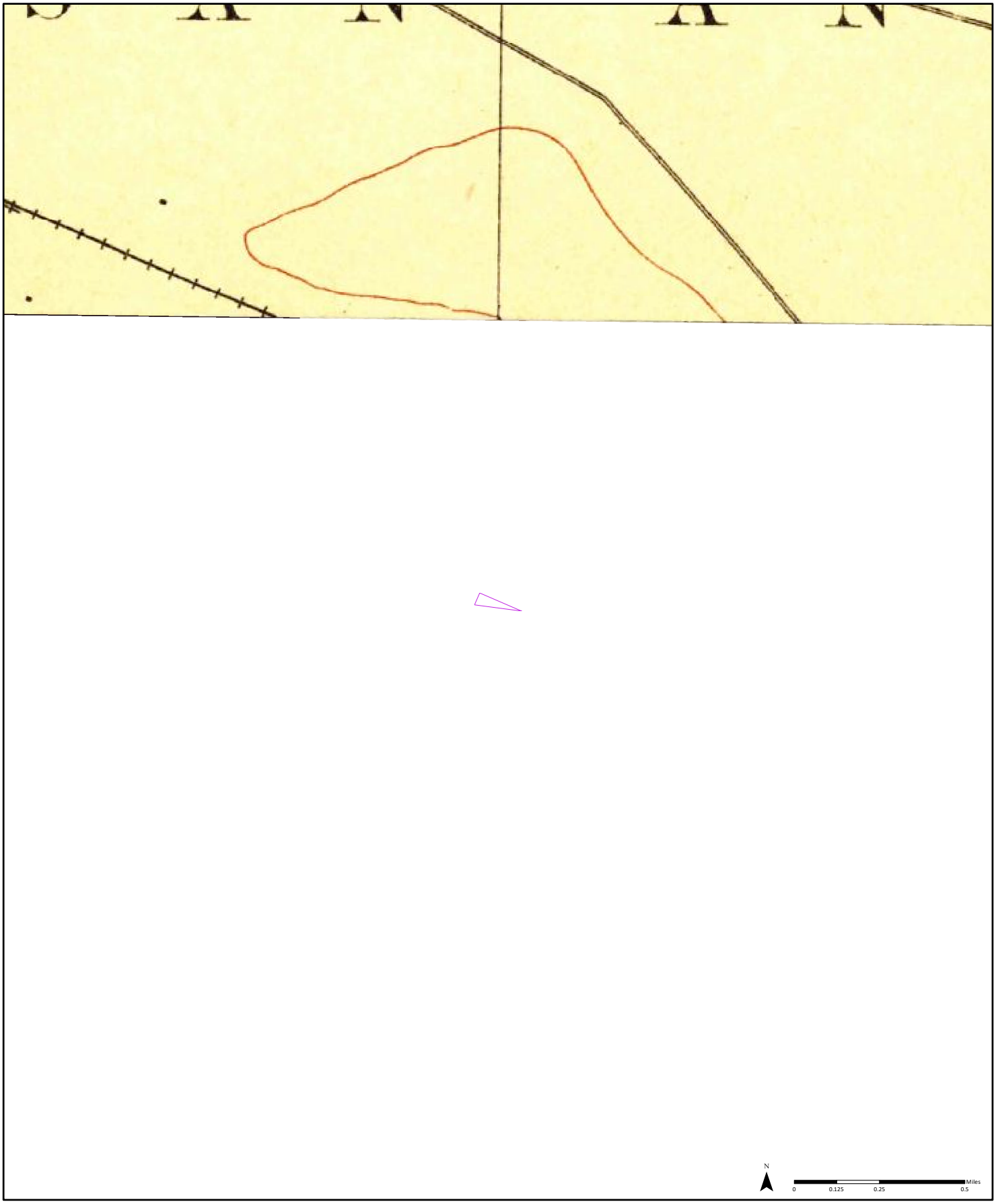


1902

Quadrangle(s): Downey, CA

Order No. 21123000390

Source: USGS 15 Minute Topographic Map

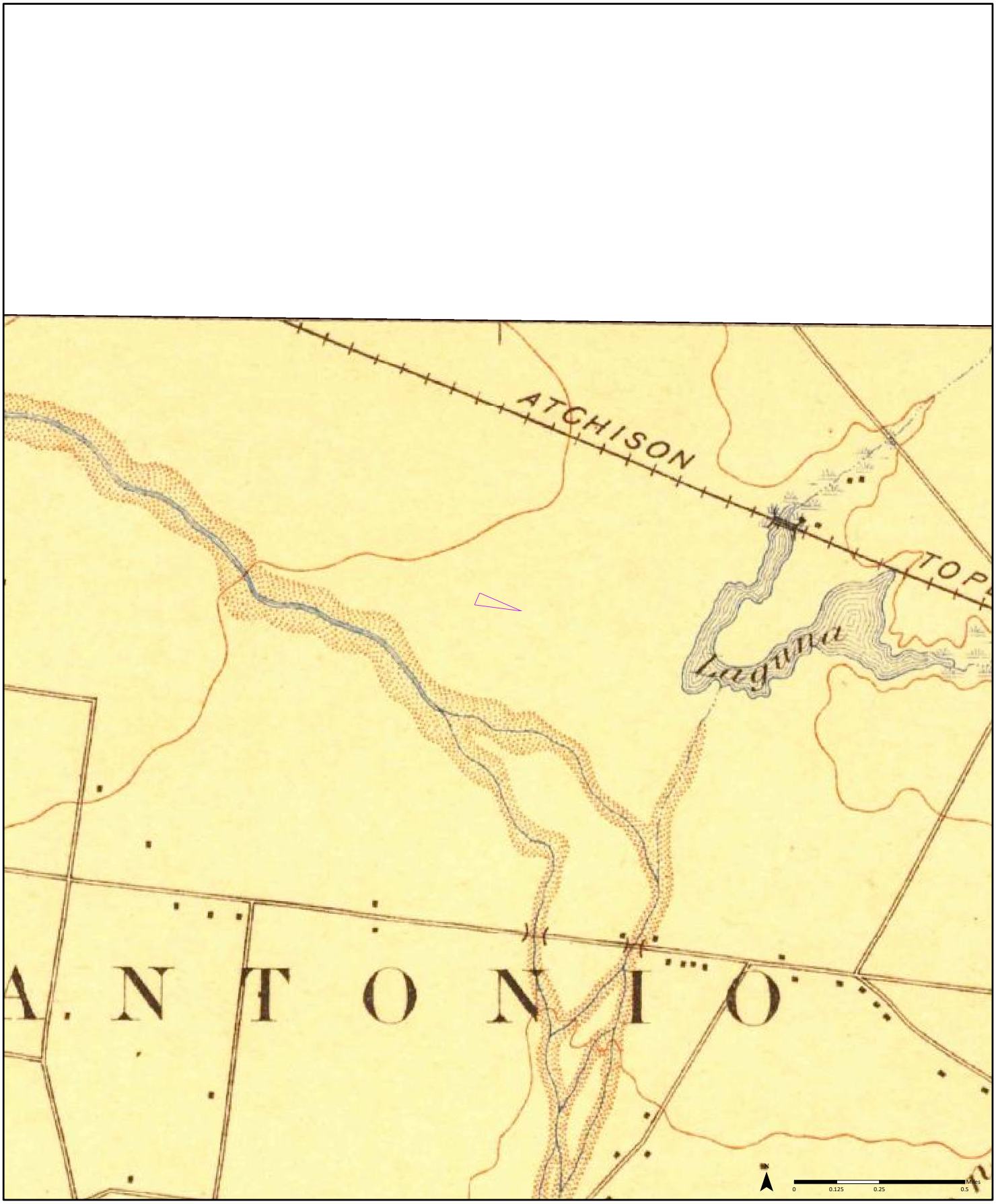


1900

Quadrangle(s): Los Angeles, CA; Pasadena, CA

Order No. 21123000390

Source: USGS 15 Minute Topographic Map



1899

Quadrangle(s): Downey, CA

Order No. 21123000390

Source: USGS 15 Minute Topographic Map



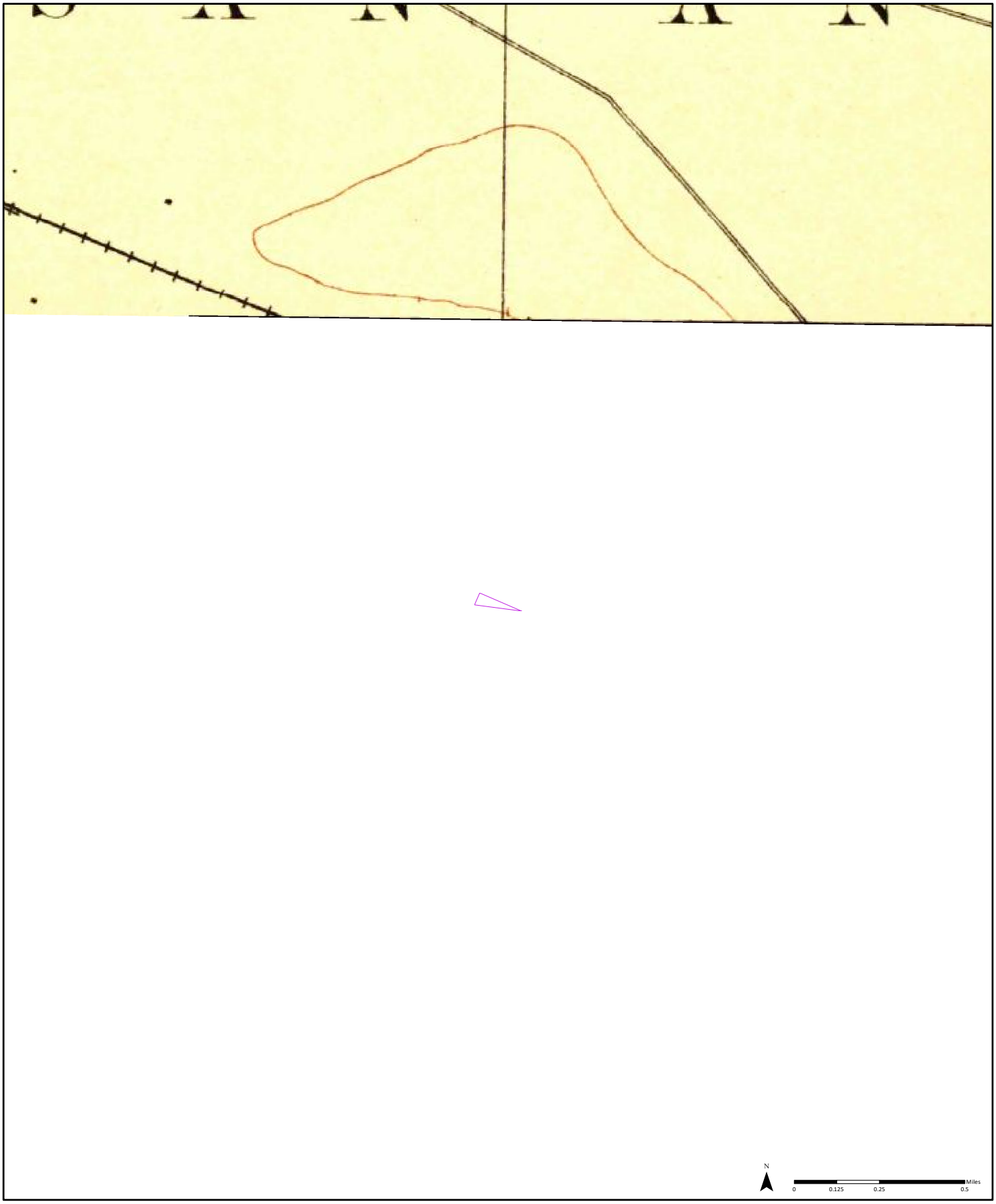
1896

Quadrangle(s): Downey, CA; Pasadena, CA

Order No. 21123000390

Source: USGS 15 Minute Topographic Map

ERIS



1894

Quadrangle(s): Los Angeles, CA

Order No. 21123000390

Source: USGS 15 Minute Topographic Map

FIRE INSURANCE MAPS

Project Property:	Bell Oasis II 5600 Rickenbacker Road Bell Gardens CA
Project No:	21-12270
Requested By:	Rincon Consultants, Inc.
Order No:	21123000390
Date Completed:	December 31, 2021

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)
1966	Los Angeles	California	32	4302
1949	Los Angeles	California	32	4302

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.

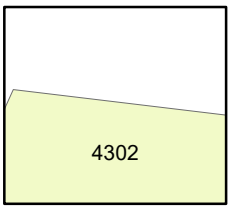
Environmental Risk Information Services
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Fire Insurance Map



1966

Address: 5600 Rickenbacker Road Bell Gardens CA

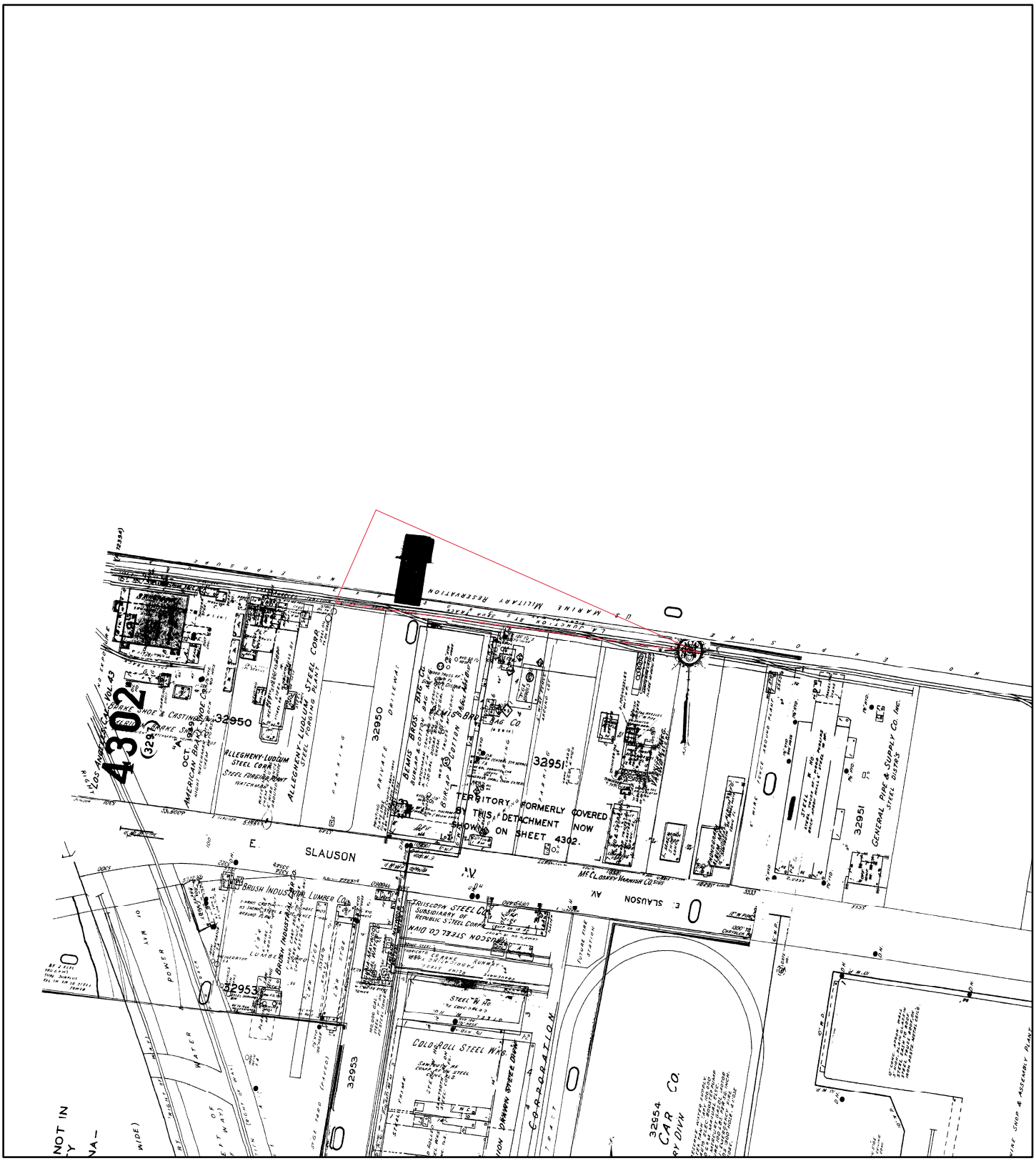


Map sheet(s):
Volume 32: 4302;

Order Number 21123000390

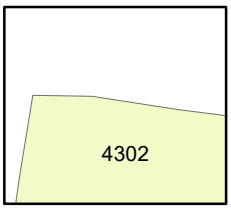
ERIS

Fire Insurance Map



1949

Address: 5600 Rickenbacker Road Bell Gardens CA



Map sheet(s):
Volume 32: 4302;

Order Number 21123000390

ERIS

CITY DIRECTORY

Project Property:	*Bell Oasis II* *5600 Rickenbacker Road* *Bell Gardens, CA*
Project No:	*21-12270*
Requested By:	*Rincon Consultants, Inc.*
Order No:	*21123000390*
Date Completed:	*January 10, 2022*

Environmental Risk Information Services
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January 10, 2022
RE: CITY DIRECTORY RESEARCH
Bell Oasis II
5600 Rickenbacker Road Bell Gardens, CA

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:

5400-5600 of K St
5400-5600 of Rickenbacker Rd
5300-5600 of E Slauson Ave

Search Results Summary

Date	Source	Comment
2020	DIGITAL BUSINESS DIRECTORY	
2016	DIGITAL BUSINESS DIRECTORY	
2012	DIGITAL BUSINESS DIRECTORY	
2008	DIGITAL BUSINESS DIRECTORY	
2003	DIGITAL BUSINESS DIRECTORY	
1998	DIGITAL BUSINESS DIRECTORY	
1990	HAINES	
1985	HAINES	
1979	HAINES	
1975	HAINES	
1972	HAINES	
1965	PACIFIC TELEPHONE	
1959	PACIFIC TELEPHONE	
1953	PACIFIC TELEPHONE	
1946	SOUTHERN CALIFORNIA TELEPHONE CO	
1941	SOUTHERN CALIFORNIA TELEPHONE CO	
1927	KELTS	

2020 E SLAUSON AVE

SOURCE: DIGITAL BUSINESS DIRECTORY

5331 **INDIO PRODUCTS**...*All Other General Merchandise Stores*
5331 **INDIO PRODUCTS**...*Hardwareretail*
5333 **FUN FURNISHINGS**...*Nonclassified Establishments*
5353 **FOX LUGGAGE INC**...*Luggage-retail*
5354 **NORTHERN PRODUCE-MUSHROOM INC**...*Fruits & Vegetables-wholesale*
5366 **CANVAS SPECIALTY INC**...*Canvas Goods (whls)*
5366 **US COVER LLC**...*General Contractors*
5366 **US COVER LLC**...*Builders Hardware (whls)*
5366 **US COVER LLC**...*Builders Hardware (whls)*
5401 **G & M MATTRESS & FOAM**...*Water Beds*
5401 **G & M MATTRESS & FOAM**...*Beds-retail*
5424 **ELITE LIGHTING**...*Lighting Laser (mfrs)*
5430 **ELITE LIGHTING CORP**...*Lighting Fixturesmanufacturers*
5430 **ELITE LIGHTING CORP**...*Lighting Fixtures-manufacturers*
5430 **ELITE LIGHTING CORP**...*Copper (whls)*
5430 **ELITE LIGHTING CORP**...*Lighting Fixtures-wholesale*
5430 **ELITE LIGHTING CORP**...*Lighting Laser (mfrs)*
5434 **INS OUTS POTTERY INC**...*Insurance*
5500 **AL'S WESTCOAST LOGISTICS**...*Logistics*
5501 **EPS**...*Resins (whls)*
5501 **EPS RESIN MFG**...*Manufacturers-agents & Representatives*
5523 **EPS INC**...*Resinsmanufacturers*
5523 **EPS INC**...*Coatings-protective-manufacturers*
5523 **EPS INC**...*Resins (whls)*
5523 **EPS INC**...*Insulation Contractorscold & Heat*
5527 **RAM K SAREEN**...*Nonclassified Establishments*
5527 **TUKATECH INC**...*Computer & Equipment Dealers*
5527 **TUKATECH INC**...*Computer Software*
5531 **ST DAH**...*Men`s & Boys` Clothing & Furnishings Mrchnt Whlsrs*
5533 **MSE MEDIA SOLUTIONS**...*Media Brokers*
5555 **MAR PACIFICO FABRIC SVC**...*Fabrics-wholesale*
5560 **NEW CENTURY SNACKS LLC**...*Food Products & Manufacturers*
5560 **NEW CENTURY SNACKS LLC**...*Food Products (whls)*
5560 **SNAK CLUB LLC**...*Clubs*
5560 **TREE OF LIFE**...*Tree Service*

2020 K ST

SOURCE: DIGITAL BUSINESS DIRECTORY

NO LISTING FOUND FOR THIS YEAR...

2020
SOURCE: DIGITAL BUSINESS DIRECTORY

RICKENBACKER RD

5500 **SLAWSON SOUTHEAST OCCUPATIONAL**...*Offices-physical Occptnl/speech Thrpsts/audlgsts*
5600 **APPAREL MOVERS**...*Movers*
5600 **APPAREL MOVERS**...*Federal Government Contractors*
5600 **APPAREL MOVERS**...*E-commerce*
5600 **APPAREL MOVERS**...*Storage*
5600 **APPAREL MOVERS**...*Moving Supplies & Equipmentrenting*
5600 **APPAREL MOVERS**...*Moving-self-service*
5600 **BELL SHELTER**...*Apartments*
5600 **BELL SHELTER**...*Homeless Shelters*
5600 **CHILDREN'S NETWORK INTL**...*Federal Government Contractors*
5600 **CHILDREN'S NETWORK INTL**...*Social Service & Welfare Organizations*
5600 **HUNGER DEFENSE FUND**...*Unclassified Establishments*
5600 **JWCH INSTITUTE**...*Clinics*
5600 **JWCH INSTITUTE**...*Health Services*
5600 **SALVATION ARMY**...*Federal Government Contractors*
5600 **SALVATION ARMY**...*Social Service & Welfare Organizations*
5600 **SANCHEZ, ALEJANDRA**...*Counselors*
5600 **SHELTER PARTNERSHIP RESOURCE**...*Non-profit Organizations*
5600 **SHELTER PARTNERSHIP RESOURCE**...*Associations*
5600 **WASHINGTON, SHELIA LYNN**...*Counselors*

2016
SOURCE: DIGITAL BUSINESS DIRECTORY

E SLAUSON AVE

5331 **INDIO PRODUCTS**...*All Other General Merchandise Stores*
5331 **INDIO PRODUCTS**...*Religious Goods*
5331 **INDIO PRODUCTS**...*Incense*
5333 **BLM DIMENSIONS LLC**...*Oils-essential (whls)*
5333 **FUN FURNISHINGS**...*Nonclassified Establishments*
5335 **MARA WORLD WIDE INC**...*Nonclassified Establishments*
5353 **FOX LUGGAGE INC**...*Luggage-retail*
5354 **NORTHERN PRODUCE-MUSHROOM INC**...*Fruits & Vegetables-wholesale*
5354 **STANFORD GIFT BASKETS**...*Gift Baskets & Parcels*
5366 **US COVER LLC**...*Federal Government Contractors*
5366 **US COVER LLC**...*Builders Hardware (whls)*
5366 **US COVER LLC**...*Builders Hardware (whls)*
5401 **G & M MATTRESS & FOAM**...*Beds-retail*
5426 **AMERICAN EFIRD INC**...*Unclassified Establishments*
5430 **ELITE LIGHTING CORP**...*Lighting Fixtures-wholesale*
5430 **ELITE LIGHTING CORP**...*Residential Electric Lighting Fixture Mfg*
5430 **ELITE LIGHTING CORP**...*Lighting Laser (mfrs)*
5500 **AL'S WESTCOAST LOGISTICS**...*Logistics*
5500 **CARRINI INC**...*Importers (whls)*
5501 **EPS**...*Resins (whls)*
5501 **EPS**...*Other Chemical & Allied Products Merchant Whlsrs*
5501 **EPS RESIN MFG**...*Manufacturers-agents & Representatives*
5523 **EPS INC**...*Coatings-protective-manufacturers*
5523 **EPS INC**...*Resins (whls)*
5527 **TUKATECH INC**...*Computer & Equipment Dealers*
5529 **RICHARD PARKER DESIGNS**...*Nonclassified Establishments*
5531 **ST DAH**...*Men`s & Boys` Clothing & Furnishings Mrchnt Whlsrs*
5555 **MACE METAL SALES INC**...*Steel-distributors & Warehouses (whls)*
5560 **KE HE DISTRIBUTORS**...*Other Miscellaneous Durable Goods Merchant Whlsrs*
5560 **NEW CENTURY SNACKS LLC**...*Food Products & Manufacturers*

2016
SOURCE: DIGITAL BUSINESS DIRECTORY

K ST

NO LISTING FOUND FOR THIS YEAR...

2016
SOURCE: DIGITAL BUSINESS DIRECTORY

RICKENBACKER RD

5500 **SLAWSON SOUTHEAST OCCUPATIONAL**...*Offices-physical Occptnl/speech Thrpsts/audlgsts*
5600 **APPAREL MOVERS**...*Movers*
5600 **BELL SHELTER**...*Homeless Shelters*
5600 **CHILDREN'S NETWORK INTL**...*Social Service & Welfare Organizations*
5600 **DOLPHIN TRUCKING SCHOOL**...*Truck Driving Instruction*
5600 **HUNGER DEFENSE FUND**...*Unclassified Establishments*
5600 **JWCH INSTITUTE**...*Health Services*
5600 **SALVATION ARMY**...*Social Service & Welfare Organizations*
5600 **SHELTER PARTNERSHIP RESOURCE**...*Non-profit Organizations*
5600 **US GENERAL SVC ADMINISTRATION**...*Federal Government-general Offices*

2012
SOURCE: DIGITAL BUSINESS DIRECTORY

E SLAUSON AVE

5331 **INDIO PRODUCTS**...*Candles-wholesale*
5331 **TEMPLAR CANDLE**...*Candles*
5354 **NORTHERN PRODUCE-MUSHROOM INC**...*Fruits & Vegetables-wholesale*
5354 **STANFORD GIFT BASKETS**...*Gift Baskets & Parcels*
5366 **US COVER LLC**...*Builders Hardware (whls)*
5434 **URBAN TRENDS COLLECTION**...*Giftwares-wholesale*
5500 **CARRINI INC**...*Importers (whls)*
5501 **EPS**...*Resins (whls)*
5501 **EPS RESIN MFG**...*Manufacturers-agents & Representatives*
5523 **EPS INC**...*Coatings-protective-manufacturers*
5527 **TUKATECH INC**...*Computer & Equipment Dealers*
5533 **GOURMET PURVEYORS INTL**...*Gourmet Shops*
5555 **MACE METAL SALES INC**...*Steel Processing (mfrs)*
5560 **TREE OF LIFE**...*Importers (whls)*

2012
SOURCE: DIGITAL BUSINESS DIRECTORY

K ST

NO LISTING FOUND FOR THIS YEAR...

2012
SOURCE: DIGITAL BUSINESS DIRECTORY

RICKENBACKER RD

5600 **CALIFORNIA EMERGENCY FOODLINK**...*Social Service & Welfare Organizations*
5600 **CHILDREN'S NETWORK INTL**...*Social Service & Welfare Organizations*
5600 **JWCH INSTITUTE**...*Health Services*
5600 **SALVATION ARMY**...*Social Service & Welfare Organizations*
5600 **SHELTER PARTNERSHIP RESOURCE**...*Non-profit Organizations*
5600 **US GENERAL SVC ADMINISTRATION**...*Federal Government-general Offices*

2008
SOURCE: DIGITAL BUSINESS DIRECTORY

E SLAUSON AVE

5331 **AIR BP**...*Lubric Oils,greases*
5331 **CASTROL INDUSTRIAL NORTH AMER**...*Lubricants-manufacturers*
5331 **CASTROL INDUSTRIAL NORTH AMER**...*General Warehse/storage Mfg Lubrictng Oil/grease Mfg Ch*
5331 **CASTROL INDUSTRIAL NORTH AMER**...*Lubr Oils & Greases*
5354 **NORTHERN PRODUCE COMPANY**...*Whol Produce*
5354 **NORTHERN PRODUCE-MUSHROOM INC**...*Fresh Fruits & Vegs*
5354 **NORTHERN PRODUCE-MUSHROOM INC**...*Fruits & Vegetables-wholesale*
5354 **STANFORD GIFT BASKETS**...*Gift & Nov Shops*
5362 **SAUSAGE STOP**...*Foods-carry Out*
5362 **SAUSAGE STOP**...*Other Restaurant*
5401 **G & M MATTRESS & FOAM CORP**...*Beds-retail*
5401 **G & M MATTRESS & FOAM CORP**...*Beds And Accessories*
5424 **NIGHT MOODS BY SAMANTHA O**...*Mfg Dresses*
5424 **PREFERRED PLUSH**...*Mrkting Consult Svcs*
5424 **SOFTSEAR CLOTHING CO**...*Family Clothing Str*
5424 **VE VE**...*Whol Women's/child's Clothing*
5424 **VIKKI VI SOFTWARE**...*Women's Apparel-manufacturers*
5424 **VIKKI VI SOFTWARE**...*Wn Blouses & Shirts*
5426 **AMERICAN & EFIRD INC**...*Thread Mills*
5426 **AMERICAN & EFIRD INC**...*Thread-manufacturers*
5426 **AMERICAN & EFRID INC**...*Whol Piece Goods/notions*
5426 **ROBISON ANTON TEXTILE CO**...*Sewing,needlework*
5428 **IRON MOUNTAIN CONSULTING SVC**...*Engineers-consulting*
5430 **IRON MOUNTAIN**...*Business Records & Documents-storage*
5430 **IRON MOUNTAIN**...*Business Svs Nec*
5430 **IRON MOUNTAIN INFORMATION MGT**...*Management Consulting Services*
5432 **BARBARAS DEVELOPMENT CORP**...*Piece Goods,oth Fabs*
5434 **INTELIVENTOR INC**...*Whol Nondurable Goods*
5434 **PAGE COMM INTL**...*Cellular Telephones-equipment & Supls*
5434 **PAGECOMM CELLULAR**...*Ret Misc Merchandise Radiotelephone Communication*
5434 **URBAN TRENDS COLLECTION**...*Gifts And Novelties*
5501 **E P S**...*Mfg Coated Fabrics Mfg Plastic Materials/resins*
5501 **ENGINEERED POLYMER SOLUTIONS**...*Resins-manufacturers*
5501 **ENGINEERED POLYMER SOLUTIONS**...*Plas Mtls & Resins*
5501 **EPS**...*Industrial Chemicals*
5501 **EPS RESIN MFG**...*Manufacturers-agents & Representatives*
5501 **EPS RESIN MFG**...*Manuf Agents*
5523 **J C CLOTHING INC**...*Whol Women's/child's Clothing*
5523 **VALSPAR CORP**...*Paint Varnish & Allied Products (mfrs)*
5523 **VALSPAR CORP**...*Paints & Rel Pdts*
5527 **TUKATECH INC**...*Computer & Equipment Dealers*
5527 **TUKATECH INC**...*Computer,softwr Str*
5529 **JAZIAS DESIGN**...*Commercial Printing*
5555 **MACE METAL SALES INC**...*Iron,steel,ferr Pdts*
5555 **MACE METAL SALES INC**...*Steel-distributors & Warehouses*
5560 **GOURMET AWARD FOODS**...*Gourmet Shops*
5560 **TREE OF LIFE**...*Real Estate Agt,mgr*

NO LISTING FOUND FOR THIS YEAR...

5600 **BRUIN TRANSPORT SERVICES**...*Trucking Operator-nonlocal*
5600 **CALIFORNIA EMERGENCY FOODLINK**...*Social Services*
5600 **CALIFORNIA EMERGENCY FOODLINK**...*Social Service & Welfare Organizations*
5600 **CHILDRENS NETWORK INTL**...*Social Services*
5600 **CHILDRENS NETWORK INTL**...*Social Service & Welfare Organizations*
5600 **DCMDW-FA/FEDERAL SERVICE CTR**...*Defense Contracts Management*
5600 **FEDERAL SERVICE CENTER**...*Admin Of Econ Prog*
5600 **FEDERAL SERVICE CENTER**...*Variety Stores*
5600 **FEDERAL SERVICE CENTER**...*Social Services Nec*
5600 **FEDERAL SERVICE CENTER**...*Furn Move,storage Loc*
5600 **FEDERAL SERVICE CENTER**...*National Security*
5600 **FEDERAL SERVICE CENTER**...*Trucking*
5600 **FOOD & AGRICULTURE**...*State Government-agricultural Programs*
5600 **HUNGER DEFENSE FUND**...*Social Service & Welfare Organizations*
5600 **LAIDLAW TRANSIT TRAINING CTR**...*School Bus Service*
5600 **N V T TECHNOLOGIES INC**...*Refrigeration Service/repair*
5600 **NATIONAL OCNIC ATMOSPHERIC ADM**...*Fish Inspection*
5600 **PEST DTCTON/EMERGENCY PROJECTS**...*Pest Detection*
5600 **POULTRY MARKET NEWS**...*Regulation Agricultural Marketing*
5600 **RUG EXPO AT LAX**...*Carpet & Rug Dealers-new*
5600 **SALVATION ARMY**...*Social Service & Welfare Organizations*
5600 **SALVATION ARMY THRIFT STORE**...*Civic & Social Assn*
5600 **UNITE STATES GOVERNMENT ARMY R**...*National Security*
5600 **US AGRICULTURAL MARKETING SVC**...*Federal Government-agricultural Programs*
5600 **US COMMERCE DEPT**...*Federal Government-economic Program Adm*
5600 **US GENERAL SVC ADM**...*Federal Government-general Offices*
5600 **US GENERAL SVC ADMINISTRATION**...*Gen Government Nec*
5600 **US GOVERNMENT ARMY RECRUITING**...*Recruiting-us Armed Forces*
5600 **US POST OFFICE**...*Post Offices*
5600 **VETERANS AFFAIRS SUPPLY DEPOT**...*General Warehouse/storage Administrative Veterans` Affa*
5600 **WESTERN FORM CENTER**...*Immigration And Naturalization Service*

2003
SOURCE: DIGITAL BUSINESS DIRECTORY

E SLAUSON AVE

5331 **CASTROL INDUSTRIAL INC**...*Gases And Liquefied Petroleum Gases*
5354 **NORTHERN PRODUCE-MUSHROOM INC**...*Fruits*
5354 **STANFORD GIFT BASKETS**...
5366 **ACTION PAINTING SVC INC**...*Residential Painting*
5401 **G & M MATTRESS & FOAM CORP**...
5424 **SOFTWEAR**...*Children's Goods*
5424 **T M I HOLDING INC**...
5424 **VIKKI VI INC**...
5428 **IRON MOUNTAIN CONSULTING SVC**...
5501 **ENGINEERED POLYMER SOLUTIONS**...
5501 **EPS RESIN MFG**...*Coin-operated Machines And Mechanisms*
5527 **IVA SAREEN LAW OFFICE**...
5527 **TUKATECH INC**...
5533 **RICHWAY TEXTILES INC**...
5533 **VITRACOAT AMERICA INC**...*Industrial Machinery And Equipment Nec*
5555 **MACE METAL SALES INC**...
5560 **GOURMET AWARD FOODS**...*Video And Audio Equipment*
5580 **SPECIALTY PARTNERS**...

2003
SOURCE: DIGITAL BUSINESS DIRECTORY

K ST

NO LISTING FOUND FOR THIS YEAR...

2003
SOURCE: DIGITAL BUSINESS DIRECTORY

RICKENBACKER RD

5600 **ABLE TRADING INC**...
5600 **BRUIN TRANSPORT SVC**...
5600 **CALIFORNIA EMERGENCY FOODLINK**...
5600 **CAS LOGISTICS**...
5600 **CHARLES R IBOLD JR LAW OFFICES**...
5600 **DEW TRANSPORTATION**...*Freight Forwarding*
5600 **FV TRUCKING**...
5600 **GARCIA'S DELIVERY**...
5600 **HENRY BATH INC**...
5600 **INTERMODAL TRUCKLINES INC LA**...
5600 **JEMINI**...
5600 **MARC LARGENT INC**...
5600 **MOREIRA & SONS TRANSPORT**...
5600 **PARKDALE**...
5600 **PRO-MARKET EXPRESS INC**...
5600 **SALVATION ARMY**...
5600 **STERLING VAN LINES**...
5600 **SUMMER HAVEN INC**...
5600 **US AGRICULTURAL MARKETING SVC**...
5600 **US GOVERNMENT ARMY RECRUITING**...
5600 **WALT ADAMS INC**...

1998
SOURCE: DIGITAL BUSINESS DIRECTORY

E SLAUSON AVE

5333 **HARMON CONTRACT**...
5354 **NORTHERN PRODUCE MUSHROOM INC**...*Fresh Fruits And Vegetables*
5354 **STANFORD GIFT BASKETS**...*Gift, Novelty, And Souvenir Shop*
5354 **STEVE MCCOLGAN WHOLESALE**...*Nondurable Goods, Nec*
5366 **ACTION PAINTING SERVICE INC**...*Painting And Paper Hanging*
5401 **G & M MATTRESS & FOAM CORP**...*Furniture*
5424 **LITHO DEVELOPMENT & RESEARCH INC**...*Printing And Writing Paper*
5428 **PEPE CLOTHING**...*Women's And Misses' Suits And Coats*
5428 **SECURITY ARCHIVES CORP**...*Special Warehousing And Storage Nec*
5432 **INTERNATL PAPER**...*Paper; Coated And Laminated, Nec*
5432 **PACIFIC BLEACHED BOARD SALES CORP**...*Converted Paper Products Nec*
5434 **ITW NEXUS**...*Piece Goods And Notions*
5434 **JOHN KING INC**...*Piece Goods And Notions*
5434 **KING JOHN INC**...*Piece Goods And Notions*
5434 **KING TEXTILES INC**...*Piece Goods And Notions*
5501 **E P S RESIN MFG**...*Durable Goods, Nec*
5501 **E P S RESIN MFG**...*Durable Goods, Nec*
5501 **E P S RESIN MFG**...*Custom Compound Purchased Resins*
5527 **LACAGE TECHNOLOGY INC**...*Computer Terminals*
5533 **HEIDI SHOES**...
5533 **LOZANO IMPORTS INC**...*Shoe Stores*
5545 **MACE METAL SALES INC COIL PROCSNG & SLITTING**...*Metals Service Centers And Offices*
5560 **A-1 INTERNATIONAL FOODS**...*Miscellaneous Food Stores*

1998
SOURCE: DIGITAL BUSINESS DIRECTORY

K ST

NO LISTING FOUND FOR THIS YEAR...

1998
SOURCE: DIGITAL BUSINESS DIRECTORY

RICKENBACKER RD

5600	**AMERICAN INDIAN MINISTRIES**...
5600	**CALIFORNIA EMERGENCY FOODLINK**...
5600	**FOOD & AGRICULTURE**...
5600	**GENERAL SERVICES ADMINISTRATION PUBLIC BUILDIN**...
5600	**JUSTICE IMMIGRATION & NATURALIZATION SERVICE S**...*International Affairs*
5600	**METRO BUILDERS & ENGINEERS GROUP LTD**...*Engineering Services*
5600	**NVT TECHNOLOGIES INC**...
5600	**SALVATION ARMY THE (CONTD) SOCIAL SERVICE PROGRAMS BELL SHELTER**...*Residential Care*
5600	**UNITED STATES GOVERNMENT AGRICULTURE DEPT OF AGRCLTL MKTG SERVI**...*General Government, Nec*
5600	**UNITED STATES GOVERNMENT AGRICULTURE DEPT OF FOOD AND CONSUMER**...*Radio Television And Electronic Stores*
5600	**UNITED STATES GOVERNMENT ARMY DEPT OFFICE OF THE CHF OF PUB AFF**...*Miscellaneous General Merchandise*
5600	**VETERANS AFFAIRS SUPPLY DEPOT**...

1990
SOURCE: HAINES

E SLAUSON AVE



SLAUSON AV E 90040
LOS ANGELES

5005	*BLACKSTEN IND ELEC	773-5006	4
	*BLACKSTEN INDS ELEC	773-5005	6
5025	*ABRASIVE TECHNOLOGY	771-0413	
5051	*TRANSPORT SERVICE	773-1570	+0
5331	*ULTRA INDUSTRIES	725-7127	4
5333	*C O S	725-1083	9
5354	*LANGLOIS CO	685-7440	
5362	*LITTLE HOUSE KTCHN	727-0886	6
5401	*G&N MATTRESS&FOAM	726-9248	9
	*JAIME INTL DISTBN	887-1726	+0
5424	*CHAMPION PRODUCTS	728-7511	8
5426	*VIVA AMERICA MRKTG	888-0101	9
	*VIVA AMERICA MRKTG	888-0707	9
	*VIVA AMERICA MRKTG	888-2200	9
5428	*PARIS ACE BTY SPLY	888-0900	+0
5432	*C A N SERVICES	726-6901	+0
	*INTL PAPER	728-1544	+0
	*PAC BLEACHED BD SLS	888-6941	+0
5434	*JAQUES VERT USA INC	721-1900	+0
5500	*EMERSON COMPUTER CO	722-9800	+0
	*EMERSON RADIO CORP	727-0220	8
	*SCOTT H H COMPANY	727-1914	8
5501	*MCWHORTER INC	726-7272	
5511	XXXX	00	
5523	*SUN COAST MDSE CORP	720-9700	9
5527	*DELTA CMPTR DSTRBTG	888-8989	9
	*TECH POWER	888-8883	9
5529	*TCOM SYSTEMS	728-1121	8
5533	*LOZANO IMPORTS INC	887-9222	+0
5545	*MACE METAL SALES	726-6783	
5555	XXXX	00	
5560	XXXX	00	
5600	XXXX	00	

1990
SOURCE: HAINES

K ST

STREET NOT LISTED

RICKENBACKER RD (81)
90201 BELL

5600 BUILDING

	*CA ST FOOD MKT NEWS	269-8020	6
	*CA ST FOOD MKT NEWS	260-4676	8
	*CA ST FOOD MKT NEWS	260-4677	8
	*CA ST FOOD MKT NEWS	620-2199	8
	*CA ST FOOD MKT NEWS	620-3473	8
	*CA ST FOOD MKT NEWS	620-2366	8
	*FOOD PARTNERSHIP	265-4434	+0
	*SALVATN ARMY	263-1206	9
	*US AGRI MKTG LVSTCK	269-2739	+0
	*US AGRI MKTG LVSTCK	269-3025	+0
	*US AGRI MKTG POULTY	269-4154	+0
	*US CMRC NOAA INSPCT	894-5369	+0
	*US GSA CSTMR SV BUR	894-5243	+0
	*US GSA PUB BL MGR	894-4607	+0
	*US JSTC IMMGRTN OFC	894-5689	+0
	*US POSTAL MAIL TRNS	894-5207	+0
	*US VA SUPPLY DEPOT	894-5447	+0

5600

5650	*T E U TRANSPRTN	269-1287	7
5651	*TALON INC	269-8155	7
5660	*HANNA RUBBER CO INC	266-4040	9
5669	*EASTRN FOODS INC	264-3871	6
5670	*JOX AND SOX	261-3489	+0
5671	XXXX	00	
5675	*GROSSMAN PAPER CO	264-1852	1
5680	*LA WINGS INC	267-8910	9
	*1ST ORIENTAL FOOD	260-4848	9

* 25 BUS 1 RES 11 NEW

5005	BLACKSTEN INDSTRL	773-5006	4
5025	ABRASIVE TECHNOLOGY	771-0413	
5026	XXXX	00	

CONTINUED IN EAST
SUBURBAN DIRECTORY

* 96 BUS 40 RES 19 NEW

1985
SOURCE: HAINES

E SLAUSON AVE - B

SLAUSON AV E 90040
LOS ANGELES

CONTINUED FROM
LOS ANGELES
CITY DIRECTORY

5331	ULTRA INDUSTRIES	725-7127	4
5333	EQUINOX SYS&SPPLS	725-6886	+5
5354	LANGLOIS CO	685-7440	
5362	XXXX	00	
5401	HUGHES STEEL&TUBE C	725-0312	+5
5424	L T V STEEL CO	724-9116	+5
	REPUBLIC BLDRS PROD	724-2436	8
	REPUBLIC STEEL CORP	685-7770	3
5501	MCCLOSKEY VARNISH	726-7272	
5511	XXXX	00	
5523	XXXX	00	
5545	MACE METAL SALES	726-6783	
5555	HANSENS FOODS INC	723-6291	3
5560	XXXX	00	
5600	XXXX	00	
5601	CITY NATL BANK	721-1849	4
	CROW LA 12	728-8779	4

1985
SOURCE: HAINES

K ST

STREET NOT LISTED

1985 RICKENBACKER RD
SOURCE: HAINES

RICKENBACKER RD 90201
BELL

5600	US AGRI MEAT GRADNG	267-6738	+5
	US GSA CSTMR SV BUR	267-6525	+5
5650	NEPTUNE WORLD MOVNG	269-9446	2
5651	BEIERSDORF INC	264-0742	1
5660	HERMETIC REFRIGERTN	268-3151	2
5669	F A G BEARINGS CORP	268-3653	2
5670	BINGO CASH&CARRY	266-6662	3
5671	XXXX	00	
5675	GROSSMAN PAPER CO	264-1852	1
5680	CULP INC	266-2857	4

★ 9 BUS 1 RES 2 NEW

1979 E SLAUSON AVE
SOURCE: HAINES

SLAUSON AV E 90011 LOS ANGELES

ALSO SEE
LOS ANGELES
CITY DIRECTORY

620★ VANWATERS&ROGERS 265-8123

ZIP CODE 90040

5333★	ARMOR STEEL CO	728-3780 +9
★	PASCUZZO&SON TRCKNG	728-3901 +9
5354★	LANGLOIS FLOUR CO	685-7440
5362★	VERNON BURRITTO #2	728-2529 +9
5401★	CERTAIN TEED PRDCTS	722-7302
5424★	REPUBLIC BUILDERS	724-2436
★	REPUBLIC STEEL CORP	724-8116
★	REPUBLIC STEEL CORP	685-7170
★	UNION DRAWN STEEL	724-8116
5501★	MCCLOSKEY VARNISH	726-7272
5511	XXXX	00
5523★	GREER MACHINERY CO	728-0691
5545★	MACE METAL SALES	726-6783
5555★	BART PHILIPS ENTPRS	723-6291
★	CALIF JUICE PRODUCT	724-1242 +9
★	WHITE ROCK PRODUCTS	721-3015
5560★	DITTO FRGHT LN WRHS	724-6632
5600	XXXX	00
5601	XXXX	00
5657★	ANTELOPE TRANS	728-6578 +9
	LW LEASING	728-0381
		685-6186
		726-2311

1979
SOURCE: HAINES

K ST

STREET NOT LISTED

1979
SOURCE: HAINES

RICKENBACKER RD

STREET NOT LISTED

1975
SOURCE: HAINES

E SLAUSON AVE

SLAUSON AV F 90040 LOS ANGELES

CONTINUED FROM
LOS ANGELES
CITY DIRECTORY

5026 XXXX 00
5331 XXXX 00
5333 *ALLEGHNY LUDLUM STL 685-9550 2
*GOOD STEEL SERVICE 685-9560
5354 *LANGLOIS FLOUR CO 685-7440
5401 XXXX 00
5424 *INLAND RYERSN CONST 726-6810+5
*REPUBLIC STEEL CORP 724-9116 4
*REPUBLIC STEEL MFG 685-7770+5
*UNION DRAWN STEEL 724-9116 4
5501 *MCCLOSKEY VARNISH 726-7272 3
5511 *CABOT SAML INC 723-5285
*SCOFIELD L M CO 723-5285

1975
SOURCE: HAINES

K ST

STREET NOT LISTED

1975
SOURCE: HAINES

RICKENBACKER RD

STREET NOT LISTED

1972
SOURCE: HAINES

E SLAUSON AVE

SLAUSON AV E 90040 LOS ANGELES

CONTINUED FROM
L.A.CITY DIRECTORY

5026 XXXX 00
5331 *DEALERS INSTLLTN SV 724-3700
*INSTANT HIRING CTR 723-9456
5333 *ALLEGHNY LUDLUM STL 685-9550+2
*GOOD STEEL SERVICE 685-9560
5354 *LANGLOIS FLOUR CO 685-7440
5401 XXXX 00
5424 *PETLEY INC 728-2111
*REPUBLIC STEEL MFG 723-1832+2
*REPUBLIC STEEL UN 685-7774+2
*RPBLC MFG DIV WHSE 723-1832
*RPBLC STL DIST SLS 685-7770
*UNION DRAWN STEEL 685-7774
5501 *MCCLOSKEY VARNSH CO 723-6495
5511 *CABOT SAML INC 723-5285
*SCOFIELD L M CO 723-5285
5515 *CASEY METCALF MACHN 723-4665
5523 *GREER MACHINERY CO 728-0591
*REPCO ENGRG INC SV 721-2178
5555 *AMERICAN DRINKS 723-6291+2
5600 *MANLEY INC 726-7494+2
5657 *DAIRY FRESH INC 685-4620
*DAIRY FRESH PRODUCT 685-4620
6045 *WSTRN OFFSHRE DRLLG 685-5370
6100 XXXX 00

1972
SOURCE: HAINES

K ST

STREET NOT LISTED

1972
SOURCE: HAINES

RICKENBACKER RD

STREET NOT LISTED

1965
SOURCE: PACIFIC TELEPHONE

E SLAUSON AVE

NO LISTINGS IN RANGE

1965
SOURCE: PACIFIC TELEPHONE

K ST

STREET NOT LISTED

1965 RICKENBACKER RD
SOURCE: PACIFIC TELEPHONE

STREET NOT LISTED

1959 E SLAUSON AVE
SOURCE: PACIFIC TELEPHONE

NO LISTINGS IN RANGE

1959
SOURCE: PACIFIC TELEPHONE

K ST

STREET NOT LISTED

1959
SOURCE: PACIFIC TELEPHONE

RICKENBACKER RD

STREET NOT LISTED

1953
SOURCE: PACIFIC TELEPHONE

E SLAUSON AVE

NO LISTINGS IN RANGE

1953
SOURCE: PACIFIC TELEPHONE

K ST

STREET NOT LISTED

1953 RICKENBACKER RD
SOURCE: PACIFIC TELEPHONE

STREET NOT LISTED

1946 E SLAUSON AVE
SOURCE: SOUTHERN CALIFORNIA TELEPHONE CO

NO LISTINGS IN RANGE

1946
SOURCE: SOUTHERN CALIFORNIA TELEPHONE CO

K ST

STREET NOT LISTED

1946
SOURCE: SOUTHERN CALIFORNIA TELEPHONE CO

RICKENBACKER RD

STREET NOT LISTED

1941
SOURCE: SOUTHERN CALIFORNIA TELEPHONE CO

E SLAUSON AVE

NO LISTINGS IN RANGE

1941
SOURCE: SOUTHERN CALIFORNIA TELEPHONE CO

K ST

STREET NOT LISTED

1941 RICKENBACKER RD

SOURCE: SOUTHERN CALIFORNIA TELEPHONE CO

STREET NOT LISTED

1927 E SLAUSON AVE

SOURCE: KELTS

NO LISTINGS IN RANGE

1927
SOURCE: KELTS

K ST

STREET NOT LISTED

1927
SOURCE: KELTS

RICKENBACKER RD

STREET NOT LISTED

--- END REPORT ---

Appendix B

CalEEMod Results

SA Bell Oasis Apts Custom Report

Table of Contents

1. Basic Project Information

1.1. Basic Project Information

1.2. Land Use Types

1.3. User-Selected Emission Reduction Measures by Emissions Sector

2. Emissions Summary

2.1. Construction Emissions Compared Against Thresholds

2.2. Construction Emissions by Year, Unmitigated

2.3. Construction Emissions by Year, Mitigated

2.4. Operations Emissions Compared Against Thresholds

2.5. Operations Emissions by Sector, Unmitigated

2.6. Operations Emissions by Sector, Mitigated

3. Construction Emissions Details

3.1. Site Preparation (2024) - Unmitigated

3.2. Site Preparation (2024) - Mitigated

3.3. Grading (2024) - Unmitigated

3.4. Grading (2024) - Mitigated

3.5. Building Construction (2024) - Unmitigated

3.6. Building Construction (2024) - Mitigated

3.7. Building Construction (2025) - Unmitigated

3.8. Building Construction (2025) - Mitigated

3.9. Paving (2025) - Unmitigated

3.10. Paving (2025) - Mitigated

3.11. Architectural Coating (2025) - Unmitigated

3.12. Architectural Coating (2025) - Mitigated

4. Operations Emissions Details

4.1. Mobile Emissions by Land Use

4.1.1. Unmitigated

4.1.2. Mitigated

4.2. Energy

4.2.1. Electricity Emissions By Land Use - Unmitigated

4.2.2. Electricity Emissions By Land Use - Mitigated

4.2.3. Natural Gas Emissions By Land Use - Unmitigated

4.2.4. Natural Gas Emissions By Land Use - Mitigated

4.3. Area Emissions by Source

4.3.2. Unmitigated

4.3.1. Mitigated

4.4. Water Emissions by Land Use

4.4.2. Unmitigated

4.4.1. Mitigated

4.5. Waste Emissions by Land Use

4.5.2. Unmitigated

4.5.1. Mitigated

4.6. Refrigerant Emissions by Land Use

4.6.1. Unmitigated

4.6.2. Mitigated

4.7. Offroad Emissions By Equipment Type

4.7.1. Unmitigated

4.7.2. Mitigated

4.8. Stationary Emissions By Equipment Type

4.8.1. Unmitigated

4.8.2. Mitigated

4.9. User Defined Emissions By Equipment Type

4.9.1. Unmitigated

4.9.2. Mitigated

4.10. Soil Carbon Accumulation By Vegetation Type

4.10.1. Soil Carbon Accumulation By Vegetation Type - Unmitigated

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

4.10.3. Avoided and Sequestered Emissions by Species - Unmitigated

4.10.4. Soil Carbon Accumulation By Vegetation Type - Mitigated

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

4.10.6. Avoided and Sequestered Emissions by Species - Mitigated

5. Activity Data

5.1. Construction Schedule

5.2. Off-Road Equipment

5.2.1. Unmitigated

5.2.2. Mitigated

5.3. Construction Vehicles

5.3.1. Unmitigated

5.3.2. Mitigated

5.4. Vehicles

5.4.1. Construction Vehicle Control Strategies

5.5. Architectural Coatings

5.6. Dust Mitigation

5.6.1. Construction Earthmoving Activities

5.6.2. Construction Earthmoving Control Strategies

5.7. Construction Paving

5.8. Construction Electricity Consumption and Emissions Factors

5.9. Operational Mobile Sources

5.9.1. Unmitigated

5.9.2. Mitigated

5.10. Operational Area Sources

5.10.1. Hearths

5.10.1.1. Unmitigated

5.10.1.2. Mitigated

5.10.2. Architectural Coatings

5.10.3. Landscape Equipment

5.10.4. Landscape Equipment - Mitigated

5.11. Operational Energy Consumption

5.11.1. Unmitigated

5.11.2. Mitigated

5.12. Operational Water and Wastewater Consumption

5.12.1. Unmitigated

5.12.2. Mitigated

5.13. Operational Waste Generation

5.13.1. Unmitigated

5.13.2. Mitigated

5.14. Operational Refrigeration and Air Conditioning Equipment

5.14.1. Unmitigated

5.14.2. Mitigated

5.15. Operational Off-Road Equipment

5.15.1. Unmitigated

5.15.2. Mitigated

5.16. Stationary Sources

5.16.1. Emergency Generators and Fire Pumps

5.16.2. Process Boilers

5.17. User Defined

5.18. Vegetation

5.18.1. Land Use Change

5.18.1.1. Unmitigated

5.18.1.2. Mitigated

5.18.1. Biomass Cover Type

5.18.1.1. Unmitigated

5.18.1.2. Mitigated

5.18.2. Sequestration

5.18.2.1. Unmitigated

5.18.2.2. Mitigated

8. User Changes to Default Data

1. Basic Project Information

1.1. Basic Project Information

Data Field	Value
Project Name	SA Bell Oasis Apts
Construction Start Date	6/3/2024
Operational Year	2026
Lead Agency	—
Land Use Scale	Project/site
Analysis Level for Defaults	County
Windspeed (m/s)	0.50
Precipitation (days)	18.4
Location	5600 Rickenbacker Rd, Los Angeles, CA 90040, USA
County	Los Angeles-South Coast
City	Bell
Air District	South Coast AQMD
Air Basin	South Coast
TAZ	4133
EDFZ	7
Electric Utility	Southern California Edison
Gas Utility	City of Vernon Gas System
App Version	2022.1.1.12

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

Apartments Mid Rise	58.0	Dwelling Unit	1.70	39,690	0.00	—	61.0	—
Parking Lot	5.00	Space	0.04	0.00	0.00	—	—	—

1.3. User-Selected Emission Reduction Measures by Emissions Sector

Sector	#	Measure Title
Energy	E-2	Require Energy Efficient Appliances

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.	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	2.56	6.18	24.9	22.1	0.07	0.83	4.78	5.61	0.77	1.88	2.66	—	9,755	9,755	0.49	1.17	17.0	10,134
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	2.34	6.18	15.0	21.5	0.03	0.56	0.87	1.43	0.52	0.21	0.72	—	3,944	3,944	0.16	0.08	0.10	3,973
Average Daily (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	0.94	1.47	5.95	8.27	0.01	0.21	0.59	0.79	0.20	0.22	0.40	—	1,596	1,596	0.07	0.07	0.70	1,609
Annual (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	0.17	0.27	1.09	1.51	< 0.005	0.04	0.11	0.14	0.04	0.04	0.07	—	264	264	0.01	0.01	0.12	266

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	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily - Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2024	2.56	1.85	24.9	19.6	0.07	0.83	4.78	5.61	0.77	1.88	2.66	—	9,755	9,755	0.49	1.17	17.0	10,134
2025	2.34	6.18	15.0	22.1	0.03	0.56	0.87	1.43	0.52	0.21	0.72	—	3,989	3,989	0.16	0.08	3.71	4,021
Daily - Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2024	1.58	1.32	9.92	12.9	0.02	0.37	0.60	0.97	0.34	0.14	0.49	—	2,560	2,560	0.11	0.06	0.07	2,582
2025	2.34	6.18	15.0	21.5	0.03	0.56	0.87	1.43	0.52	0.21	0.72	—	3,944	3,944	0.16	0.08	0.10	3,973
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2024	0.71	0.58	5.11	5.73	0.01	0.20	0.59	0.79	0.18	0.22	0.40	—	1,349	1,349	0.06	0.07	0.70	1,373
2025	0.94	1.47	5.95	8.27	0.01	0.21	0.36	0.58	0.20	0.09	0.28	—	1,596	1,596	0.07	0.04	0.69	1,609
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2024	0.13	0.11	0.93	1.05	< 0.005	0.04	0.11	0.14	0.03	0.04	0.07	—	223	223	0.01	0.01	0.12	227
2025	0.17	0.27	1.09	1.51	< 0.005	0.04	0.07	0.11	0.04	0.02	0.05	—	264	264	0.01	0.01	0.11	266

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	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily - Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2024	2.56	1.85	24.9	19.6	0.07	0.83	4.78	5.61	0.77	1.88	2.66	—	9,755	9,755	0.49	1.17	17.0	10,134
2025	2.34	6.18	15.0	22.1	0.03	0.56	0.87	1.43	0.52	0.21	0.72	—	3,989	3,989	0.16	0.08	3.71	4,021
Daily - Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

2024	1.58	1.32	9.92	12.9	0.02	0.37	0.60	0.97	0.34	0.14	0.49	—	2,560	2,560	0.11	0.06	0.07	2,582
2025	2.34	6.18	15.0	21.5	0.03	0.56	0.87	1.43	0.52	0.21	0.72	—	3,944	3,944	0.16	0.08	0.10	3,973
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2024	0.71	0.58	5.11	5.73	0.01	0.20	0.59	0.79	0.18	0.22	0.40	—	1,349	1,349	0.06	0.07	0.70	1,373
2025	0.94	1.47	5.95	8.27	0.01	0.21	0.36	0.58	0.20	0.09	0.28	—	1,596	1,596	0.07	0.04	0.69	1,609
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2024	0.13	0.11	0.93	1.05	< 0.005	0.04	0.11	0.14	0.03	0.04	0.07	—	223	223	0.01	0.01	0.12	227
2025	0.17	0.27	1.09	1.51	< 0.005	0.04	0.07	0.11	0.04	0.02	0.05	—	264	264	0.01	0.01	0.11	266

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.	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	1.08	1.95	0.39	4.93	< 0.005	0.02	0.00	0.02	0.02	0.00	0.02	12.4	598	611	1.32	0.03	0.28	654
Mit.	1.08	1.95	0.39	4.93	< 0.005	0.02	0.00	0.02	0.02	0.00	0.02	12.4	580	592	1.32	0.03	0.28	635
% Reduced	—	—	—	—	—	—	—	—	—	—	—	—	3%	3%	< 0.5%	—	—	3%
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	0.76	1.65	0.38	1.96	< 0.005	0.01	0.00	0.01	0.01	0.00	0.01	12.4	590	603	1.33	0.03	0.28	646
Mit.	0.76	1.65	0.38	1.96	< 0.005	0.01	0.00	0.01	0.01	0.00	0.01	12.4	571	584	1.33	0.03	0.28	627
% Reduced	—	—	—	—	—	—	—	—	—	—	—	—	3%	3%	< 0.5%	—	—	3%
Average Daily (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Unmit.	0.37	1.23	0.47	5.27	0.01	0.02	0.35	0.37	0.02	0.06	0.08	12.4	1,486	1,499	1.31	0.04	1.73	1,546
Mit.	0.37	1.23	0.47	5.27	0.01	0.02	0.35	0.37	0.02	0.06	0.08	12.4	1,467	1,480	1.31	0.04	1.73	1,527
% Reduced	—	—	—	—	—	—	—	—	—	—	—	—	1%	1%	< 0.5%	—	—	1%
Annual (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	0.07	0.22	0.09	0.96	< 0.005	< 0.005	0.06	0.07	< 0.005	0.01	0.01	2.05	246	248	0.22	0.01	0.29	256
Mit.	0.07	0.22	0.09	0.96	< 0.005	< 0.005	0.06	0.07	< 0.005	0.01	0.01	2.05	243	245	0.22	0.01	0.29	253
% Reduced	—	—	—	—	—	—	—	—	—	—	—	—	1%	1%	< 0.5%	< 0.5%	—	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	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	0.75	0.74	0.20	1.58	< 0.005	< 0.005	0.00	< 0.005	< 0.005	0.00	< 0.005	—	49.2	49.2	0.04	0.02	0.00	55.9
Area	0.31	1.21	0.03	3.29	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	0.00	8.80	8.80	< 0.005	< 0.005	—	8.83
Energy	0.02	0.01	0.16	0.07	< 0.005	0.01	—	0.01	0.01	—	0.01	—	519	519	0.04	< 0.005	—	521
Water	—	—	—	—	—	—	—	—	—	—	—	4.14	21.4	25.6	0.43	0.01	—	39.3
Waste	—	—	—	—	—	—	—	—	—	—	—	8.21	0.00	8.21	0.82	0.00	—	28.7
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.28	0.28
Total	1.08	1.95	0.39	4.93	< 0.005	0.02	0.00	0.02	0.02	0.00	0.02	12.4	598	611	1.32	0.03	0.28	654
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	0.75	0.72	0.21	1.89	< 0.005	< 0.005	0.00	< 0.005	< 0.005	0.00	< 0.005	—	49.9	49.9	0.04	0.02	0.00	57.0
Area	0.00	0.92	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00
Energy	0.02	0.01	0.16	0.07	< 0.005	0.01	—	0.01	0.01	—	0.01	—	519	519	0.04	< 0.005	—	521

Water	—	—	—	—	—	—	—	—	—	—	—	4.14	21.4	25.6	0.43	0.01	—	39.3
Waste	—	—	—	—	—	—	—	—	—	—	—	8.21	0.00	8.21	0.82	0.00	—	28.7
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.28	0.28
Total	0.76	1.65	0.38	1.96	< 0.005	0.01	0.00	0.01	0.01	0.00	0.01	12.4	590	603	1.33	0.03	0.28	646
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	0.14	0.10	0.29	2.95	0.01	0.01	0.35	0.36	0.01	0.06	0.07	—	940	940	0.03	0.03	1.45	951
Area	0.21	1.12	0.02	2.25	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	0.00	6.03	6.03	< 0.005	< 0.005	—	6.05
Energy	0.02	0.01	0.16	0.07	< 0.005	0.01	—	0.01	0.01	—	0.01	—	519	519	0.04	< 0.005	—	521
Water	—	—	—	—	—	—	—	—	—	—	—	4.14	21.4	25.6	0.43	0.01	—	39.3
Waste	—	—	—	—	—	—	—	—	—	—	—	8.21	0.00	8.21	0.82	0.00	—	28.7
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.28	0.28
Total	0.37	1.23	0.47	5.27	0.01	0.02	0.35	0.37	0.02	0.06	0.08	12.4	1,486	1,499	1.31	0.04	1.73	1,546
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	0.03	0.02	0.05	0.54	< 0.005	< 0.005	0.06	0.07	< 0.005	0.01	0.01	—	156	156	< 0.005	0.01	0.24	157
Area	0.04	0.20	< 0.005	0.41	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	0.00	1.00	1.00	< 0.005	< 0.005	—	1.00
Energy	< 0.005	< 0.005	0.03	0.01	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	85.9	85.9	0.01	< 0.005	—	86.2
Water	—	—	—	—	—	—	—	—	—	—	—	0.69	3.55	4.24	0.07	< 0.005	—	6.51
Waste	—	—	—	—	—	—	—	—	—	—	—	1.36	0.00	1.36	0.14	0.00	—	4.76
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.05	0.05
Total	0.07	0.22	0.09	0.96	< 0.005	< 0.005	0.06	0.07	< 0.005	0.01	0.01	2.05	246	248	0.22	0.01	0.29	256

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

Mobile	0.75	0.74	0.20	1.58	< 0.005	< 0.005	0.00	< 0.005	< 0.005	0.00	< 0.005	—	49.2	49.2	0.04	0.02	0.00	55.9
Area	0.31	1.21	0.03	3.29	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	0.00	8.80	8.80	< 0.005	< 0.005	—	8.83
Energy	0.02	0.01	0.16	0.07	< 0.005	0.01	—	0.01	0.01	—	0.01	—	500	500	0.04	< 0.005	—	502
Water	—	—	—	—	—	—	—	—	—	—	—	4.14	21.4	25.6	0.43	0.01	—	39.3
Waste	—	—	—	—	—	—	—	—	—	—	—	8.21	0.00	8.21	0.82	0.00	—	28.7
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.28	0.28
Total	1.08	1.95	0.39	4.93	< 0.005	0.02	0.00	0.02	0.02	0.00	0.02	12.4	580	592	1.32	0.03	0.28	635
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	0.75	0.72	0.21	1.89	< 0.005	< 0.005	0.00	< 0.005	< 0.005	0.00	< 0.005	—	49.9	49.9	0.04	0.02	0.00	57.0
Area	0.00	0.92	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00
Energy	0.02	0.01	0.16	0.07	< 0.005	0.01	—	0.01	0.01	—	0.01	—	500	500	0.04	< 0.005	—	502
Water	—	—	—	—	—	—	—	—	—	—	—	4.14	21.4	25.6	0.43	0.01	—	39.3
Waste	—	—	—	—	—	—	—	—	—	—	—	8.21	0.00	8.21	0.82	0.00	—	28.7
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.28	0.28
Total	0.76	1.65	0.38	1.96	< 0.005	0.01	0.00	0.01	0.01	0.00	0.01	12.4	571	584	1.33	0.03	0.28	627
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	0.14	0.10	0.29	2.95	0.01	0.01	0.35	0.36	0.01	0.06	0.07	—	940	940	0.03	0.03	1.45	951
Area	0.21	1.12	0.02	2.25	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	0.00	6.03	6.03	< 0.005	< 0.005	—	6.05
Energy	0.02	0.01	0.16	0.07	< 0.005	0.01	—	0.01	0.01	—	0.01	—	500	500	0.04	< 0.005	—	502
Water	—	—	—	—	—	—	—	—	—	—	—	4.14	21.4	25.6	0.43	0.01	—	39.3
Waste	—	—	—	—	—	—	—	—	—	—	—	8.21	0.00	8.21	0.82	0.00	—	28.7
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.28	0.28
Total	0.37	1.23	0.47	5.27	0.01	0.02	0.35	0.37	0.02	0.06	0.08	12.4	1,467	1,480	1.31	0.04	1.73	1,527
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	0.03	0.02	0.05	0.54	< 0.005	< 0.005	0.06	0.07	< 0.005	0.01	0.01	—	156	156	< 0.005	0.01	0.24	157
Area	0.04	0.20	< 0.005	0.41	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	0.00	1.00	1.00	< 0.005	< 0.005	—	1.00

Energy	< 0.005	< 0.005	0.03	0.01	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	82.8	82.8	0.01	< 0.005	—	83.1
Water	—	—	—	—	—	—	—	—	—	—	—	0.69	3.55	4.24	0.07	< 0.005	—	6.51
Waste	—	—	—	—	—	—	—	—	—	—	—	1.36	0.00	1.36	0.14	0.00	—	4.76
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.05	0.05
Total	0.07	0.22	0.09	0.96	< 0.005	< 0.005	0.06	0.07	< 0.005	0.01	0.01	2.05	243	245	0.22	0.01	0.29	253

3. Construction Emissions Details

3.1. Site Preparation (2024) - Unmitigated

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

Location	TOG	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	1.70	1.43	13.7	12.9	0.02	0.65	—	0.65	0.59	—	0.59	—	2,064	2,064	0.08	0.02	—	2,071
Dust From Material Movement	—	—	—	—	—	—	2.44	2.44	—	1.17	1.17	—	—	—	—	—	—	—
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	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.14	0.12	1.12	1.06	< 0.005	0.05	—	0.05	0.05	—	0.05	—	170	170	0.01	< 0.005	—	170

Dust From Material Movement	—	—	—	—	—	—	0.20	0.20	—	0.10	0.10	—	—	—	—	—	—	—
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	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.03	0.02	0.21	0.19	< 0.005	0.01	—	0.01	0.01	—	0.01	—	28.1	28.1	< 0.005	< 0.005	—	28.2
Dust From Material Movement	—	—	—	—	—	—	0.04	0.04	—	0.02	0.02	—	—	—	—	—	—	—
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	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.04	0.03	0.04	0.57	0.00	0.00	0.10	0.10	0.00	0.02	0.02	—	106	106	< 0.005	< 0.005	0.42	107
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	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	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.04	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	8.37	8.37	< 0.005	< 0.005	0.01	8.49
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	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	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	1.39	1.39	< 0.005	< 0.005	< 0.005	1.41
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	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	0.00

3.2. Site Preparation (2024) - Mitigated

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

Location	TOG	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	1.70	1.43	13.7	12.9	0.02	0.65	—	0.65	0.59	—	0.59	—	2,064	2,064	0.08	0.02	—	2,071
Dust From Material Movement	—	—	—	—	—	—	2.44	2.44	—	1.17	1.17	—	—	—	—	—	—	—
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	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.14	0.12	1.12	1.06	< 0.005	0.05	—	0.05	0.05	—	0.05	—	170	170	0.01	< 0.005	—	170
Dust From Material Movement	—	—	—	—	—	—	0.20	0.20	—	0.10	0.10	—	—	—	—	—	—	—
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	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.03	0.02	0.21	0.19	< 0.005	0.01	—	0.01	0.01	—	0.01	—	28.1	28.1	< 0.005	< 0.005	—	28.2

Dust From Material Movement	—	—	—	—	—	—	0.04	0.04	—	0.02	0.02	—	—	—	—	—	—	—
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	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.04	0.03	0.04	0.57	0.00	0.00	0.10	0.10	0.00	0.02	0.02	—	106	106	< 0.005	< 0.005	0.42	107
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	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	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.04	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	8.37	8.37	< 0.005	< 0.005	0.01	8.49
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	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	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	1.39	1.39	< 0.005	< 0.005	< 0.005	1.41
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	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	0.00

3.3. Grading (2024) - Unmitigated

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

Location	TOG	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	1.96	1.65	15.9	15.4	0.02	0.74	—	0.74	0.68	—	0.68	—	2,454	2,454	0.10	0.02	—	2,462
Dust From Material Movement	—	—	—	—	—	—	2.76	2.76	—	1.34	1.34	—	—	—	—	—	—	—
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	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.09	0.07	0.70	0.68	< 0.005	0.03	—	0.03	0.03	—	0.03	—	108	108	< 0.005	< 0.005	—	108
Dust From Material Movement	—	—	—	—	—	—	0.12	0.12	—	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	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.01	0.13	0.12	< 0.005	0.01	—	0.01	0.01	—	0.01	—	17.8	17.8	< 0.005	< 0.005	—	17.9
Dust From Material Movement	—	—	—	—	—	—	0.02	0.02	—	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	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.05	0.04	0.05	0.75	0.00	0.00	0.13	0.13	0.00	0.03	0.03	—	141	141	0.01	< 0.005	0.56	143
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	0.00
Hauling	0.55	0.15	8.96	3.45	0.05	0.09	1.88	1.97	0.09	0.52	0.61	—	7,161	7,161	0.39	1.15	16.5	7,529
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.03	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	5.95	5.95	< 0.005	< 0.005	0.01	6.04
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	0.00
Hauling	0.02	0.01	0.41	0.15	< 0.005	< 0.005	0.08	0.09	< 0.005	0.02	0.03	—	314	314	0.02	0.05	0.31	330
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.99	0.99	< 0.005	< 0.005	< 0.005	1.00
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	0.00
Hauling	< 0.005	< 0.005	0.08	0.03	< 0.005	< 0.005	0.01	0.02	< 0.005	< 0.005	< 0.005	—	52.0	52.0	< 0.005	0.01	0.05	54.6

3.4. Grading (2024) - Mitigated

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

Location	TOG	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	1.96	1.65	15.9	15.4	0.02	0.74	—	0.74	0.68	—	0.68	—	2,454	2,454	0.10	0.02	—	2,462

Dust From Material Movement	—	—	—	—	—	—	2.76	2.76	—	1.34	1.34	—	—	—	—	—	—	—
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	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.09	0.07	0.70	0.68	< 0.005	0.03	—	0.03	0.03	—	0.03	—	108	108	< 0.005	< 0.005	—	108
Dust From Material Movement	—	—	—	—	—	—	0.12	0.12	—	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	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.01	0.13	0.12	< 0.005	0.01	—	0.01	0.01	—	0.01	—	17.8	17.8	< 0.005	< 0.005	—	17.9
Dust From Material Movement	—	—	—	—	—	—	0.02	0.02	—	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	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.05	0.04	0.05	0.75	0.00	0.00	0.13	0.13	0.00	0.03	0.03	—	141	141	0.01	< 0.005	0.56	143
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	0.00
Hauling	0.55	0.15	8.96	3.45	0.05	0.09	1.88	1.97	0.09	0.52	0.61	—	7,161	7,161	0.39	1.15	16.5	7,529

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.03	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	5.95	5.95	< 0.005	< 0.005	0.01	6.04
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	0.00
Hauling	0.02	0.01	0.41	0.15	< 0.005	< 0.005	0.08	0.09	< 0.005	0.02	0.03	—	314	314	0.02	0.05	0.31	330
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.99	0.99	< 0.005	< 0.005	< 0.005	1.00
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	0.00
Hauling	< 0.005	< 0.005	0.08	0.03	< 0.005	< 0.005	0.01	0.02	< 0.005	< 0.005	< 0.005	—	52.0	52.0	< 0.005	0.01	0.05	54.6

3.5. Building Construction (2024) - Unmitigated

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

Location	TOG	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	1.36	1.13	9.44	10.1	0.02	0.37	—	0.37	0.34	—	0.34	—	1,801	1,801	0.07	0.01	—	1,807
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	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.36	1.13	9.44	10.1	0.02	0.37	—	0.37	0.34	—	0.34	—	1,801	1,801	0.07	0.01	—	1,807
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	0.00

Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.39	0.33	2.73	2.93	0.01	0.11	—	0.11	0.10	—	0.10	—	522	522	0.02	< 0.005	—	523
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	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.07	0.06	0.50	0.53	< 0.005	0.02	—	0.02	0.02	—	0.02	—	86.4	86.4	< 0.005	< 0.005	—	86.7
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	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.21	0.19	0.20	3.15	0.00	0.00	0.55	0.55	0.00	0.13	0.13	—	590	590	0.02	0.02	2.33	598
Vendor	0.02	0.01	0.24	0.12	< 0.005	< 0.005	0.05	0.06	< 0.005	0.01	0.02	—	200	200	0.01	0.03	0.54	209
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	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.21	0.18	0.24	2.66	0.00	0.00	0.55	0.55	0.00	0.13	0.13	—	559	559	0.03	0.02	0.06	566
Vendor	0.02	0.01	0.24	0.12	< 0.005	< 0.005	0.05	0.06	< 0.005	0.01	0.02	—	200	200	0.01	0.03	0.01	209
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	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.06	0.05	0.07	0.81	0.00	0.00	0.16	0.16	0.00	0.04	0.04	—	164	164	0.01	0.01	0.29	167
Vendor	< 0.005	< 0.005	0.07	0.03	< 0.005	< 0.005	0.02	0.02	< 0.005	< 0.005	0.01	—	57.9	57.9	< 0.005	0.01	0.07	60.5
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	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.01	0.15	0.00	0.00	0.03	0.03	0.00	0.01	0.01	—	27.2	27.2	< 0.005	< 0.005	0.05	27.6

Vendor	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	9.59	9.59	< 0.005	< 0.005	0.01	10.0
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	0.00

3.6. Building Construction (2024) - Mitigated

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

Location	TOG	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	1.36	1.13	9.44	10.1	0.02	0.37	—	0.37	0.34	—	0.34	—	1,801	1,801	0.07	0.01	—	1,807
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	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.36	1.13	9.44	10.1	0.02	0.37	—	0.37	0.34	—	0.34	—	1,801	1,801	0.07	0.01	—	1,807
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	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.39	0.33	2.73	2.93	0.01	0.11	—	0.11	0.10	—	0.10	—	522	522	0.02	< 0.005	—	523
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	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.07	0.06	0.50	0.53	< 0.005	0.02	—	0.02	0.02	—	0.02	—	86.4	86.4	< 0.005	< 0.005	—	86.7
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	0.00

Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.21	0.19	0.20	3.15	0.00	0.00	0.55	0.55	0.00	0.13	0.13	—	590	590	0.02	0.02	2.33	598
Vendor	0.02	0.01	0.24	0.12	< 0.005	< 0.005	0.05	0.06	< 0.005	0.01	0.02	—	200	200	0.01	0.03	0.54	209
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	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.21	0.18	0.24	2.66	0.00	0.00	0.55	0.55	0.00	0.13	0.13	—	559	559	0.03	0.02	0.06	566
Vendor	0.02	0.01	0.24	0.12	< 0.005	< 0.005	0.05	0.06	< 0.005	0.01	0.02	—	200	200	0.01	0.03	0.01	209
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	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.06	0.05	0.07	0.81	0.00	0.00	0.16	0.16	0.00	0.04	0.04	—	164	164	0.01	0.01	0.29	167
Vendor	< 0.005	< 0.005	0.07	0.03	< 0.005	< 0.005	0.02	0.02	< 0.005	< 0.005	0.01	—	57.9	57.9	< 0.005	0.01	0.07	60.5
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	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.01	0.15	0.00	0.00	0.03	0.03	0.00	0.01	0.01	—	27.2	27.2	< 0.005	< 0.005	0.05	27.6
Vendor	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	9.59	9.59	< 0.005	< 0.005	0.01	10.0
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	0.00

3.7. Building Construction (2025) - Unmitigated

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

Location	TOG	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	1.28	1.07	8.95	10.0	0.02	0.33	—	0.33	0.30	—	0.30	—	1,801	1,801	0.07	0.01	—	1,807
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	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.28	1.07	8.95	10.0	0.02	0.33	—	0.33	0.30	—	0.30	—	1,801	1,801	0.07	0.01	—	1,807
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	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.69	0.57	4.80	5.38	0.01	0.18	—	0.18	0.16	—	0.16	—	966	966	0.04	0.01	—	969
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	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.13	0.10	0.88	0.98	< 0.005	0.03	—	0.03	0.03	—	0.03	—	160	160	0.01	< 0.005	—	160
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	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.20	0.18	0.18	2.91	0.00	0.00	0.55	0.55	0.00	0.13	0.13	—	577	577	0.02	0.02	2.11	586
Vendor	0.01	0.01	0.22	0.11	< 0.005	< 0.005	0.05	0.06	< 0.005	0.01	0.02	—	197	197	0.01	0.03	0.54	206
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	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.20	0.18	0.20	2.46	0.00	0.00	0.55	0.55	0.00	0.13	0.13	—	547	547	0.03	0.02	0.05	554

Vendor	0.01	0.01	0.23	0.11	< 0.005	< 0.005	0.05	0.06	< 0.005	0.01	0.02	—	197	197	0.01	0.03	0.01	205
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	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.11	0.09	0.12	1.39	0.00	0.00	0.29	0.29	0.00	0.07	0.07	—	298	298	0.01	0.01	0.49	302
Vendor	0.01	< 0.005	0.13	0.06	< 0.005	< 0.005	0.03	0.03	< 0.005	0.01	0.01	—	105	105	< 0.005	0.01	0.13	110
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	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02	0.02	0.02	0.25	0.00	0.00	0.05	0.05	0.00	0.01	0.01	—	49.3	49.3	< 0.005	< 0.005	0.08	50.0
Vendor	< 0.005	< 0.005	0.02	0.01	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	17.5	17.5	< 0.005	< 0.005	0.02	18.2
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	0.00

3.8. Building Construction (2025) - Mitigated

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

Location	TOG	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	1.28	1.07	8.95	10.0	0.02	0.33	—	0.33	0.30	—	0.30	—	1,801	1,801	0.07	0.01	—	1,807
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	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.28	1.07	8.95	10.0	0.02	0.33	—	0.33	0.30	—	0.30	—	1,801	1,801	0.07	0.01	—	1,807
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	0.00

Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.69	0.57	4.80	5.38	0.01	0.18	—	0.18	0.16	—	0.16	—	966	966	0.04	0.01	—	969
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	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.13	0.10	0.88	0.98	< 0.005	0.03	—	0.03	0.03	—	0.03	—	160	160	0.01	< 0.005	—	160
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	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.20	0.18	0.18	2.91	0.00	0.00	0.55	0.55	0.00	0.13	0.13	—	577	577	0.02	0.02	2.11	586
Vendor	0.01	0.01	0.22	0.11	< 0.005	< 0.005	0.05	0.06	< 0.005	0.01	0.02	—	197	197	0.01	0.03	0.54	206
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	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.20	0.18	0.20	2.46	0.00	0.00	0.55	0.55	0.00	0.13	0.13	—	547	547	0.03	0.02	0.05	554
Vendor	0.01	0.01	0.23	0.11	< 0.005	< 0.005	0.05	0.06	< 0.005	0.01	0.02	—	197	197	0.01	0.03	0.01	205
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	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.11	0.09	0.12	1.39	0.00	0.00	0.29	0.29	0.00	0.07	0.07	—	298	298	0.01	0.01	0.49	302
Vendor	0.01	< 0.005	0.13	0.06	< 0.005	< 0.005	0.03	0.03	< 0.005	0.01	0.01	—	105	105	< 0.005	0.01	0.13	110
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	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02	0.02	0.02	0.25	0.00	0.00	0.05	0.05	0.00	0.01	0.01	—	49.3	49.3	< 0.005	< 0.005	0.08	50.0

Vendor	< 0.005	< 0.005	0.02	0.01	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	17.5	17.5	< 0.005	< 0.005	0.02	18.2
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	0.00

3.9. Paving (2025) - Unmitigated

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

Location	TOG	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	0.59	0.49	4.63	6.50	0.01	0.20	—	0.20	0.19	—	0.19	—	992	992	0.04	0.01	—	995
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	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.59	0.49	4.63	6.50	0.01	0.20	—	0.20	0.19	—	0.19	—	992	992	0.04	0.01	—	995
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	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.10	0.08	0.75	1.05	< 0.005	0.03	—	0.03	0.03	—	0.03	—	160	160	0.01	< 0.005	—	161
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	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Road Equipment	0.02	0.01	0.14	0.19	< 0.005	0.01	—	0.01	0.01	—	0.01	—	26.5	26.5	< 0.005	< 0.005	—	26.6
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	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.06	0.05	0.05	0.87	0.00	0.00	0.16	0.16	0.00	0.04	0.04	—	173	173	0.01	0.01	0.63	175
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	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	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.06	0.05	0.06	0.74	0.00	0.00	0.16	0.16	0.00	0.04	0.04	—	164	164	0.01	0.01	0.02	166
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	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	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.01	0.13	0.00	0.00	0.03	0.03	0.00	0.01	0.01	—	26.9	26.9	< 0.005	< 0.005	0.04	27.2
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	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	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.02	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	4.45	4.45	< 0.005	< 0.005	0.01	4.51
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	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	0.00

3.10. Paving (2025) - Mitigated

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

Location	TOG	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	0.59	0.49	4.63	6.50	0.01	0.20	—	0.20	0.19	—	0.19	—	992	992	0.04	0.01	—	995
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	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.59	0.49	4.63	6.50	0.01	0.20	—	0.20	0.19	—	0.19	—	992	992	0.04	0.01	—	995
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	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.10	0.08	0.75	1.05	< 0.005	0.03	—	0.03	0.03	—	0.03	—	160	160	0.01	< 0.005	—	161
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	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.01	0.14	0.19	< 0.005	0.01	—	0.01	0.01	—	0.01	—	26.5	26.5	< 0.005	< 0.005	—	26.6
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	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.06	0.05	0.05	0.87	0.00	0.00	0.16	0.16	0.00	0.04	0.04	—	173	173	0.01	0.01	0.63	175
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	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	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.06	0.05	0.06	0.74	0.00	0.00	0.16	0.16	0.00	0.04	0.04	—	164	164	0.01	0.01	0.02	166
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	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	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.01	0.13	0.00	0.00	0.03	0.03	0.00	0.01	0.01	—	26.9	26.9	< 0.005	< 0.005	0.04	27.2
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	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	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.02	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	4.45	4.45	< 0.005	< 0.005	0.01	4.51
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	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	0.00

3.11. Architectural Coating (2025) - Unmitigated

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

Location	TOG	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	0.15	0.13	0.88	1.14	< 0.005	0.03	—	0.03	0.03	—	0.03	—	134	134	0.01	< 0.005	—	134
Architectural Coatings	—	4.22	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
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	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.15	0.13	0.88	1.14	< 0.005	0.03	—	0.03	0.03	—	0.03	—	134	134	0.01	< 0.005	—	134
Architectural Coatings	—	4.22	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
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	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.03	0.02	0.14	0.18	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	21.6	21.6	< 0.005	< 0.005	—	21.7
Architectural Coatings	—	0.68	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
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	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.03	0.03	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	3.57	3.57	< 0.005	< 0.005	—	3.59
Architectural Coatings	—	0.12	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
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	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.04	0.04	0.04	0.58	0.00	0.00	0.11	0.11	0.00	0.03	0.03	—	115	115	< 0.005	< 0.005	0.42	117
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	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	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.04	0.04	0.04	0.49	0.00	0.00	0.11	0.11	0.00	0.03	0.03	—	109	109	0.01	< 0.005	0.01	111
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	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	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.01	0.08	0.00	0.00	0.02	0.02	0.00	< 0.005	< 0.005	—	18.0	18.0	< 0.005	< 0.005	0.03	18.2
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	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	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.02	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	2.97	2.97	< 0.005	< 0.005	< 0.005	3.01
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	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	0.00

3.12. Architectural Coating (2025) - Mitigated

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

Location	TOG	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	0.15	0.13	0.88	1.14	< 0.005	0.03	—	0.03	0.03	—	0.03	—	134	134	0.01	< 0.005	—	134
Architectural Coatings	—	4.22	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
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	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.15	0.13	0.88	1.14	< 0.005	0.03	—	0.03	0.03	—	0.03	—	134	134	0.01	< 0.005	—	134
Architectural Coatings	—	4.22	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
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	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.03	0.02	0.14	0.18	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	21.6	21.6	< 0.005	< 0.005	—	21.7
Architectural Coatings	—	0.68	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
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	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.03	0.03	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	3.57	3.57	< 0.005	< 0.005	—	3.59
Architectural Coatings	—	0.12	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
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	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.04	0.04	0.04	0.58	0.00	0.00	0.11	0.11	0.00	0.03	0.03	—	115	115	< 0.005	< 0.005	0.42	117
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	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	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.04	0.04	0.04	0.49	0.00	0.00	0.11	0.11	0.00	0.03	0.03	—	109	109	0.01	< 0.005	0.01	111
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	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	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.01	0.08	0.00	0.00	0.02	0.02	0.00	< 0.005	< 0.005	—	18.0	18.0	< 0.005	< 0.005	0.03	18.2
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	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	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.02	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	2.97	2.97	< 0.005	< 0.005	< 0.005	3.01
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	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	0.00

4. Operations Emissions Details

4.1. Mobile Emissions by Land Use

4.1.1. Unmitigated

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

4.1.2. Mitigated

Mobile source emissions results are presented in Sections 2.5. No further detailed breakdown of emissions is available.

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	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Apartments Mid Rise	—	—	—	—	—	—	—	—	—	—	—	—	310	310	0.02	< 0.005	—	311
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	—	2.50	2.50	< 0.005	< 0.005	—	2.51
Total	—	—	—	—	—	—	—	—	—	—	—	—	312	312	0.02	< 0.005	—	314
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Apartments Mid Rise	—	—	—	—	—	—	—	—	—	—	—	—	310	310	0.02	< 0.005	—	311
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	—	2.50	2.50	< 0.005	< 0.005	—	2.51
Total	—	—	—	—	—	—	—	—	—	—	—	—	312	312	0.02	< 0.005	—	314
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Apartments Mid Rise	—	—	—	—	—	—	—	—	—	—	—	—	51.3	51.3	< 0.005	< 0.005	—	51.5
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	—	0.41	0.41	< 0.005	< 0.005	—	0.42
Total	—	—	—	—	—	—	—	—	—	—	—	—	51.7	51.7	< 0.005	< 0.005	—	51.9

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	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Apartments Mid Rise	—	—	—	—	—	—	—	—	—	—	—	—	291	291	0.02	< 0.005	—	292
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	—	2.50	2.50	< 0.005	< 0.005	—	2.51
Total	—	—	—	—	—	—	—	—	—	—	—	—	294	294	0.02	< 0.005	—	295
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Apartments Mid Rise	—	—	—	—	—	—	—	—	—	—	—	—	291	291	0.02	< 0.005	—	292
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	—	2.50	2.50	< 0.005	< 0.005	—	2.51
Total	—	—	—	—	—	—	—	—	—	—	—	—	294	294	0.02	< 0.005	—	295
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Apartments Mid Rise	—	—	—	—	—	—	—	—	—	—	—	—	48.2	48.2	< 0.005	< 0.005	—	48.4
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	—	0.41	0.41	< 0.005	< 0.005	—	0.42
Total	—	—	—	—	—	—	—	—	—	—	—	—	48.6	48.6	< 0.005	< 0.005	—	48.8

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	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Apartments Mid Rise	0.02	0.01	0.16	0.07	< 0.005	0.01	—	0.01	0.01	—	0.01	—	206	206	0.02	< 0.005	—	207
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
Total	0.02	0.01	0.16	0.07	< 0.005	0.01	—	0.01	0.01	—	0.01	—	206	206	0.02	< 0.005	—	207
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Apartments Mid Rise	0.02	0.01	0.16	0.07	< 0.005	0.01	—	0.01	0.01	—	0.01	—	206	206	0.02	< 0.005	—	207
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
Total	0.02	0.01	0.16	0.07	< 0.005	0.01	—	0.01	0.01	—	0.01	—	206	206	0.02	< 0.005	—	207
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Apartments Mid Rise	< 0.005	< 0.005	0.03	0.01	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	34.2	34.2	< 0.005	< 0.005	—	34.3
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
Total	< 0.005	< 0.005	0.03	0.01	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	34.2	34.2	< 0.005	< 0.005	—	34.3

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

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Apartments Mid Rise	0.02	0.01	0.16	0.07	< 0.005	0.01	—	0.01	0.01	—	0.01	—	206	206	0.02	< 0.005	—	207
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
Total	0.02	0.01	0.16	0.07	< 0.005	0.01	—	0.01	0.01	—	0.01	—	206	206	0.02	< 0.005	—	207
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Apartments Mid Rise	0.02	0.01	0.16	0.07	< 0.005	0.01	—	0.01	0.01	—	0.01	—	206	206	0.02	< 0.005	—	207
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
Total	0.02	0.01	0.16	0.07	< 0.005	0.01	—	0.01	0.01	—	0.01	—	206	206	0.02	< 0.005	—	207
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Apartments Mid Rise	< 0.005	< 0.005	0.03	0.01	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	34.2	34.2	< 0.005	< 0.005	—	34.3
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
Total	< 0.005	< 0.005	0.03	0.01	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	34.2	34.2	< 0.005	< 0.005	—	34.3

4.3. Area Emissions by Source

4.3.2. Unmitigated

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

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

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hearths	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00
Consumer Products	—	0.85	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	—	0.07	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	0.31	0.29	0.03	3.29	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	8.80	8.80	< 0.005	< 0.005	—	8.83
Total	0.31	1.21	0.03	3.29	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	0.00	8.80	8.80	< 0.005	< 0.005	—	8.83
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hearths	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00
Consumer Products	—	0.85	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	—	0.07	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	0.00	0.92	0.00	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	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hearths	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00
Consumer Products	—	0.16	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	—	0.01	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Landscape	0.04	0.04	< 0.005	0.41	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	1.00	1.00	< 0.005	< 0.005	—	1.00
Total	0.04	0.20	< 0.005	0.41	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	0.00	1.00	1.00	< 0.005	< 0.005	—	1.00

4.3.1. Mitigated

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

Source	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hearths	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00
Consumer Products	—	0.85	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	—	0.07	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	0.31	0.29	0.03	3.29	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	8.80	8.80	< 0.005	< 0.005	—	8.83
Total	0.31	1.21	0.03	3.29	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	0.00	8.80	8.80	< 0.005	< 0.005	—	8.83
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hearths	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00
Consumer Products	—	0.85	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	—	0.07	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	0.00	0.92	0.00	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	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hearths	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00
Consumer Products	—	0.16	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	—	0.01	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	0.04	0.04	< 0.005	0.41	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	1.00	1.00	< 0.005	< 0.005	—	1.00
Total	0.04	0.20	< 0.005	0.41	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	0.00	1.00	1.00	< 0.005	< 0.005	—	1.00

4.4. Water Emissions by Land Use

4.4.2. Unmitigated

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

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Apartments Mid Rise	—	—	—	—	—	—	—	—	—	—	—	4.14	21.4	25.6	0.43	0.01	—	39.3
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	4.14	21.4	25.6	0.43	0.01	—	39.3
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Apartments	—	—	—	—	—	—	—	—	—	—	—	4.14	21.4	25.6	0.43	0.01	—	39.3
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	4.14	21.4	25.6	0.43	0.01	—	39.3
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Apartments Mid Rise	—	—	—	—	—	—	—	—	—	—	—	0.69	3.55	4.24	0.07	< 0.005	—	6.51
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	0.69	3.55	4.24	0.07	< 0.005	—	6.51

4.4.1. Mitigated

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

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Apartments Mid Rise	—	—	—	—	—	—	—	—	—	—	—	4.14	21.4	25.6	0.43	0.01	—	39.3
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	4.14	21.4	25.6	0.43	0.01	—	39.3
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Apartments Mid Rise	—	—	—	—	—	—	—	—	—	—	—	4.14	21.4	25.6	0.43	0.01	—	39.3

Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	4.14	21.4	25.6	0.43	0.01	—	39.3
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Apartments Mid Rise	—	—	—	—	—	—	—	—	—	—	—	0.69	3.55	4.24	0.07	< 0.005	—	6.51
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	0.69	3.55	4.24	0.07	< 0.005	—	6.51

4.5. Waste Emissions by Land Use

4.5.2. Unmitigated

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

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Apartments Mid Rise	—	—	—	—	—	—	—	—	—	—	—	8.21	0.00	8.21	0.82	0.00	—	28.7
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	8.21	0.00	8.21	0.82	0.00	—	28.7
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Apartments Mid Rise	—	—	—	—	—	—	—	—	—	—	—	8.21	0.00	8.21	0.82	0.00	—	28.7

Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	8.21	0.00	8.21	0.82	0.00	—	28.7
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Apartments Mid Rise	—	—	—	—	—	—	—	—	—	—	—	1.36	0.00	1.36	0.14	0.00	—	4.76
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	1.36	0.00	1.36	0.14	0.00	—	4.76

4.5.1. Mitigated

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

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Apartments Mid Rise	—	—	—	—	—	—	—	—	—	—	—	8.21	0.00	8.21	0.82	0.00	—	28.7
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	8.21	0.00	8.21	0.82	0.00	—	28.7
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Apartments Mid Rise	—	—	—	—	—	—	—	—	—	—	—	8.21	0.00	8.21	0.82	0.00	—	28.7
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	8.21	0.00	8.21	0.82	0.00	—	28.7

Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Apartments Mid Rise	—	—	—	—	—	—	—	—	—	—	—	1.36	0.00	1.36	0.14	0.00	—	4.76
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	1.36	0.00	1.36	0.14	0.00	—	4.76

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	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Apartments Mid Rise	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.28	0.28
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.28	0.28
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Apartments Mid Rise	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.28	0.28
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.28	0.28
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Apartments Mid Rise	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.05	0.05
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.05	0.05

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	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Apartments Mid Rise	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.28	0.28
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.28	0.28
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Apartments Mid Rise	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.28	0.28
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.28	0.28
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Apartments Mid Rise	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.05	0.05
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.05	0.05

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	TOG	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	TOG	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	TOG	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	TOG	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	TOG	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	TOG	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	TOG	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	TOG	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	TOG	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	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Sequest	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
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	TOG	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	TOG	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	TOG	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	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

5. Activity Data

5.1. Construction Schedule

Phase Name	Phase Type	Start Date	End Date	Days Per Week	Work Days per Phase	Phase Description
Site Preparation	Site Preparation	6/3/2024	7/12/2024	5.00	30.0	—
Grading	Grading	7/15/2024	8/5/2024	5.00	16.0	—
Building Construction	Building Construction	8/6/2024	10/1/2025	5.00	302	—
Paving	Paving	8/13/2025	11/3/2025	5.00	59.0	—
Architectural Coating	Architectural Coating	8/13/2025	11/3/2025	5.00	59.0	—

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
Site Preparation	Graders	Diesel	Average	1.00	8.00	148	0.41
Site Preparation	Rubber Tired Dozers	Diesel	Average	1.00	7.00	367	0.40
Site Preparation	Tractors/Loaders/Backhoes	Diesel	Average	1.00	8.00	84.0	0.37
Grading	Graders	Diesel	Average	1.00	8.00	148	0.41
Grading	Tractors/Loaders/Backhoes	Diesel	Average	2.00	7.00	84.0	0.37
Grading	Rubber Tired Dozers	Diesel	Average	1.00	8.00	367	0.40
Building Construction	Cranes	Diesel	Average	1.00	6.00	367	0.29
Building Construction	Forklifts	Diesel	Average	1.00	6.00	82.0	0.20
Building Construction	Generator Sets	Diesel	Average	1.00	8.00	14.0	0.74
Building Construction	Tractors/Loaders/Backhoes	Diesel	Average	1.00	6.00	84.0	0.37
Building Construction	Welders	Diesel	Average	3.00	8.00	46.0	0.45
Paving	Tractors/Loaders/Backhoes	Diesel	Average	1.00	8.00	84.0	0.37
Paving	Pavers	Diesel	Average	1.00	6.00	81.0	0.42
Paving	Paving Equipment	Diesel	Average	1.00	8.00	89.0	0.36
Paving	Rollers	Diesel	Average	1.00	7.00	36.0	0.38
Paving	Cement and Mortar Mixers	Diesel	Average	1.00	6.00	10.0	0.56
Architectural Coating	Air Compressors	Diesel	Average	1.00	6.00	37.0	0.48

5.2.2. Mitigated

Phase Name	Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor
Site Preparation	Graders	Diesel	Average	1.00	8.00	148	0.41
Site Preparation	Rubber Tired Dozers	Diesel	Average	1.00	7.00	367	0.40

Site Preparation	Tractors/Loaders/Backhoes	Diesel	Average	1.00	8.00	84.0	0.37
Grading	Graders	Diesel	Average	1.00	8.00	148	0.41
Grading	Tractors/Loaders/Backhoes	Diesel	Average	2.00	7.00	84.0	0.37
Grading	Rubber Tired Dozers	Diesel	Average	1.00	8.00	367	0.40
Building Construction	Cranes	Diesel	Average	1.00	6.00	367	0.29
Building Construction	Forklifts	Diesel	Average	1.00	6.00	82.0	0.20
Building Construction	Generator Sets	Diesel	Average	1.00	8.00	14.0	0.74
Building Construction	Tractors/Loaders/Backhoes	Diesel	Average	1.00	6.00	84.0	0.37
Building Construction	Welders	Diesel	Average	3.00	8.00	46.0	0.45
Paving	Tractors/Loaders/Backhoes	Diesel	Average	1.00	8.00	84.0	0.37
Paving	Pavers	Diesel	Average	1.00	6.00	81.0	0.42
Paving	Paving Equipment	Diesel	Average	1.00	8.00	89.0	0.36
Paving	Rollers	Diesel	Average	1.00	7.00	36.0	0.38
Paving	Cement and Mortar Mixers	Diesel	Average	1.00	6.00	10.0	0.56
Architectural Coating	Air Compressors	Diesel	Average	1.00	6.00	37.0	0.48

5.3. Construction Vehicles

5.3.1. Unmitigated

Phase Name	Trip Type	One-Way Trips per Day	Miles per Trip	Vehicle Mix
Site Preparation	—	—	—	—
Site Preparation	Worker	7.50	18.5	LDA,LDT1,LDT2
Site Preparation	Vendor	—	10.2	HHDT,MHDT
Site Preparation	Hauling	0.00	20.0	HHDT

Site Preparation	Onsite truck	—	—	HHDT
Grading	—	—	—	—
Grading	Worker	10.0	18.5	LDA,LDT1,LDT2
Grading	Vendor	—	10.2	HHDT,MHDT
Grading	Hauling	102	20.0	HHDT
Grading	Onsite truck	—	—	HHDT
Building Construction	—	—	—	—
Building Construction	Worker	41.8	18.5	LDA,LDT1,LDT2
Building Construction	Vendor	6.20	10.2	HHDT,MHDT
Building Construction	Hauling	0.00	20.0	HHDT
Building Construction	Onsite truck	—	—	HHDT
Paving	—	—	—	—
Paving	Worker	12.5	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	8.35	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
Site Preparation	—	—	—	—
Site Preparation	Worker	7.50	18.5	LDA,LDT1,LDT2
Site Preparation	Vendor	—	10.2	HHDT,MHDT

Site Preparation	Hauling	0.00	20.0	HHDT
Site Preparation	Onsite truck	—	—	HHDT
Grading	—	—	—	—
Grading	Worker	10.0	18.5	LDA,LDT1,LDT2
Grading	Vendor	—	10.2	HHDT,MHDT
Grading	Hauling	102	20.0	HHDT
Grading	Onsite truck	—	—	HHDT
Building Construction	—	—	—	—
Building Construction	Worker	41.8	18.5	LDA,LDT1,LDT2
Building Construction	Vendor	6.20	10.2	HHDT,MHDT
Building Construction	Hauling	0.00	20.0	HHDT
Building Construction	Onsite truck	—	—	HHDT
Paving	—	—	—	—
Paving	Worker	12.5	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	8.35	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	80,372	26,791	0.00	0.00	118

5.6. Dust Mitigation

5.6.1. Construction Earthmoving Activities

Phase Name	Material Imported (cy)	Material Exported (cy)	Acres Graded (acres)	Material Demolished (sq. ft.)	Acres Paved (acres)
Site Preparation	—	—	28.1	0.00	—
Grading	6,500	6,500	16.0	0.00	—
Paving	0.00	0.00	0.00	0.00	0.04

5.6.2. Construction Earthmoving Control Strategies

Control Strategies Applied	Frequency (per day)	PM10 Reduction	PM2.5 Reduction
Water Exposed Area	2	61%	61%

5.7. Construction Paving

Land Use	Area Paved (acres)	% Asphalt
Apartments Mid Rise	—	0%
Parking Lot	0.04	100%

5.8. Construction Electricity Consumption and Emissions Factors

kWh per Year and Emission Factor (lb/MWh)

Year	kWh per Year	CO2	CH4	N2O
2024	0.00	532	0.03	< 0.005

2025	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
Total all Land Uses	84.7	285	237	0.00	0.00	0.00	0.00	461,511

5.9.2. Mitigated

Land Use Type	Trips/Weekday	Trips/Saturday	Trips/Sunday	Trips/Year	VMT/Weekday	VMT/Saturday	VMT/Sunday	VMT/Year
Total all Land Uses	84.7	285	237	0.00	0.00	0.00	0.00	461,511

5.10. Operational Area Sources

5.10.1. Hearths

5.10.1.1. Unmitigated

Hearth Type	Unmitigated (number)
Apartments Mid Rise	—
Wood Fireplaces	0
Gas Fireplaces	0
Propane Fireplaces	0
Electric Fireplaces	0
No Fireplaces	0
Conventional Wood Stoves	0
Catalytic Wood Stoves	0
Non-Catalytic Wood Stoves	0

Pellet Wood Stoves	0

5.10.1.2. Mitigated

Hearth Type	Unmitigated (number)
Apartments Mid Rise	—
Wood Fireplaces	0
Gas Fireplaces	0
Propane Fireplaces	0
Electric Fireplaces	0
No Fireplaces	0
Conventional Wood Stoves	0
Catalytic Wood Stoves	0
Non-Catalytic Wood Stoves	0
Pellet Wood Stoves	0

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)
80372.25	26,791	0.00	0.00	118

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)
Apartments Mid Rise	212,618	532	0.0330	0.0040	644,197
Parking Lot	1,717	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)
Apartments Mid Rise	199,758	532	0.0330	0.0040	644,197
Parking Lot	1,717	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)
Apartments Mid Rise	2,161,880	0.00
Parking Lot	0.00	0.00

5.12.2. Mitigated

Land Use	Indoor Water (gal/year)	Outdoor Water (gal/year)

Apartments Mid Rise	2,161,880	0.00
Parking Lot	0.00	0.00

5.13. Operational Waste Generation

5.13.1. Unmitigated

Land Use	Waste (ton/year)	Cogeneration (kWh/year)
Apartments Mid Rise	15.2	—
Parking Lot	0.00	—

5.13.2. Mitigated

Land Use	Waste (ton/year)	Cogeneration (kWh/year)
Apartments Mid Rise	15.2	—
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
Apartments Mid Rise	Average room A/C & Other residential A/C and heat pumps	R-410A	2,088	< 0.005	2.50	2.50	10.0
Apartments Mid Rise	Household refrigerators and/or freezers	R-134a	1,430	0.12	0.60	0.00	1.00

5.14.2. Mitigated

Land Use Type	Equipment Type	Refrigerant	GWP	Quantity (kg)	Operations Leak Rate	Service Leak Rate	Times Serviced

Apartments Mid Rise	Average room A/C & Other residential A/C and heat pumps	R-410A	2,088	< 0.005	2.50	2.50	10.0
Apartments Mid Rise	Household refrigerators and/or freezers	R-134a	1,430	0.12	0.60	0.00	1.00

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)

8. User Changes to Default Data

Screen	Justification
Characteristics: Project Details	Changed locational context from suburban to urban to be consistent with characteristics of project site.
Land Use	Modified to match outputs for original run
Construction: Construction Phases	Modified to match original construction schedule
Operations: Vehicle Data	Trip gen consistent with original run
Operations: Hearths	Assumed no woodstoves/fireplaces

Appendix C

Cultural Resources Assessment

Rincon Consultants, Inc.

180 North Ashwood Avenue
Ventura, California 93003

805 644 4455

info@rinconconsultants.com
www.rinconconsultants.com

August 10, 2022
Project No: 22-12563

Paula Kelly, Contract Planner
City of Bell
6330 Pine Avenue
Bel, California 90201

Subject: Cultural Resources Assessment for the Bell Oasis Apartments II Project
The Salvation Army Campus at 5600 Rickenbacker Road, Bell, California 90201

Dear Ms. Kelly:

This letter report presents the findings of a cultural resources assessment completed in support of the Bell Oasis Apartments II Project (proposed project) located at the Salvation Army campus on 5600 Rickenbacker Road in Bell, Los Angeles, California. The Salvation Army retained Rincon Consultants, Inc. (Rincon) to support the proposed project's compliance with the California Environmental Quality Act (CEQA). This letter report documents the results of the tasks performed by Rincon, specifically a cultural resources records search, archival and background research, and field survey. All work was completed in accordance with CEQA and applicable local regulations. The City of Bell is the lead agency under CEQA.

Project Site and Description

The project site is located on a 76,192-square-foot (1.75-acre) site located at 5600 Rickenbacker Road within the Salvation Army campus in the city of Bell, Los Angeles, California, (Figure 1). The exact project address within the campus is yet to be determined; however, the site consists of the Salvation Army property south of K Street and east of the existing Hunt Apartments. Specifically, the proposed project encompasses portions of Section 20 of Township 02 South, Range 12 West on the *South Gate, CA* United States Geological Survey (USGS) 7.5-minute topographic quadrangle. The project site consists of the southern portions of the County Assessor's Parcel Numbers (APN) 6332-002-090, -037, and -038.

The following project description has been adapted from information provided by the Salvation Army on February 14, 2022. The project site is located in an area primarily developed with buildings owned and operated by the Salvation Army and other industrial land uses. The site is currently a flat, vacant parcel and consists of asphalt surfaces and some pervious earth area with vegetation. A concrete-lined drainage channel runs along the southern boundary of the site. The channel is covered with additional vegetation. The site is currently utilized for surface parking and as a temporary seating area for the Bell Oasis Apartments I to the west. The project would involve construction of a three-story, 39,690 square-foot (sf) apartment building consisting of 57 studio units for homeless individuals and a two-bedroom staff unit, for a total of 58 apartment units. Of the 57 studio units, nine units would be ADA accessible. The project would also provide administrative and supportive service spaces including two 114 sf case manager office spaces, and a 107 sf US Veterans Affairs Department office.

Methods

Background and Archival Research

Rincon completed background and archival research in support of this assessment in July 2022. A variety of primary and secondary source materials were consulted. Sources included, but were not limited to, historical maps, aerial photographs, and written histories of the area. The following sources were utilized to develop an understanding of the project site and its context:

- Historical aerial photographs accessed via NETR Online
- Historical aerial photographs accessed via University of California, Santa Barbara Library FrameFinder
- Historical USGS topographic maps

Background research also included a review of past environmental documents for projects within the Salvation Army campus. A 2016 Initial Study/ Mitigated Negative Declaration was completed and approved for an adjacent portion of the property.

California Historical Resources Information System Records Search

On July 11, 2022, Rincon received California Historical Resources Information System (CHRIS) records search results from the South-Central Coastal Information Center (SCCIC)(CHRIS #23784.9962). The SCCIC is the official state repository for cultural resources records and reports for the county in which the proposed project falls. The purpose of the records search was to identify previously recorded cultural resources, as well as previously conducted cultural resources studies within the project site and a 0.5-mile radius surrounding it. Rincon also reviewed the National Register of Historic Places (NRHP), the California Register of Historical Resources (CRHR), the California Historical Landmarks list, and the Built Environment Resources Directory (BERD), as well as its predecessor the California State Historic Property Data (HPD) File. Additionally, Rincon reviewed the Archaeological Determination of Eligibility (ADOE) list.

Sacred Lands File Search

Rincon contacted the Native American Heritage Commission (NAHC) on June 6, 2022, to request a search of the Sacred Lands File (SLF), as well as a contact list of Native Americans culturally affiliated with the project site vicinity. On July 20, 2022, Rincon sent letters of the behalf of the City of Bell to 9 Native American contacts in the area to request information on potential cultural resources in the project site vicinity that may be impacted by the proposed projects development.

Field Survey

Rincon Archaeologist Robert Guardado conducted a pedestrian survey of the project site on July 18, 2022. Mr. Guardado conducted the pedestrian survey using transect intervals spaced 10 meters and oriented generally from east to west. Exposed ground surfaces were examined for artifacts (e.g., flaked stone tools, tool-making debris, stone milling tools, ceramics, fire-affected rock), ecofacts (marine shell and bone), soil discoloration that might indicate the presence of a cultural midden, soil depressions, and features indicative of the former presence of structures or buildings (e.g., standing exterior walls,

postholes, foundations) or historic debris (e.g., metal, glass, ceramics). Ground disturbances such as burrows and drainages were also visually inspected. Survey accuracy was maintained using a handheld Global Positioning Satellite unit and a georeferenced map of the project site. Built environment elements were also examined. Properties with no potential for historical significance and/or to be negatively affected by the project were documented but generally exempted from further evaluation or consideration. This included minor, ubiquitous, or fragmentary infrastructure elements, such as transmission lines, paved areas, and water control devices and features. Site characteristics and survey conditions were documented using field records and a digital camera. Copies of the survey notes and digital photographs are maintained at our Rincon Los Angeles office.

Findings

Known Cultural Resources Studies

The CHRIS records search and background research identified one previously conducted cultural resources study within 0.5 miles of the project site. This study includes a portion of the project site areas as well as areas directly adjacent to the project site. Known studies that occurred within or adjacent to the project site are discussed in further detail below.

Study LA-11993

Laura O'Neill of Galvin Preservation Associates. prepared study LA-11993, *Finding of No Adverse Effect for the Proposed Interstate 710 Corridor Project Between Ocean Boulevard and the State Route 60 Interchange* in 2012. The study included several reviews of records from the CHRIS SCCIC, and background and archival review. While the study identified several historic built resources along the 710 in general, all of these are outside the current project site.

Initial Study and Mitigated Negative Declaration for Bell Oasis Apartments

Blodgett Baylosis Environmental Planning completed an IS-MND in 2016 for the property directly adjacent to the current project site. The environmental document included cultural resources research and archival review. The study determined that there would generally be less than significant impacts with mitigation incorporated. The mitigation suggested under that document pertaining to cultural resources included requirements for Native American monitoring during ground disturbing activities.

Known Cultural Resources

The 2022 CHRIS records search research identified no cultural resources within 0.5 miles of the project site. No resources are recorded within or adjacent to the project site.

Background and Archival Research

The historic aerial photographs and topographic maps indicate that the project site was in agricultural use in 1928 through 1947 (USGS 2022). From at least 1947 through 1970, the site appeared to be an undeveloped part of the Cheli Air Force Station. At the adjacent property, the 2016 ISMND notes that there was an "Oil Storage Shed" located near the current project site beginning in 1954, but the property appeared vacant and the storage container is no longer depicted in 1960 aerial photographs (NETR Online 2022). The project site appeared to be a paved parking lot in 1976 with a few buildings in

1982 through 1994. From 1982 through 2004, the site was developed with mobile home trailers. While it is unclear from aerial photography when utilities and drainage improvements were constructed onsite, it is likely that utility poles and a concrete-lined watercourse that are currently on the project site date to this 1980s built environment. No buildings are currently located within the project site.

Sacred Land File Search

On July 5, 2022, the NAHC responded to Rincon's AB 52 contacts and SLF request, stating that the results of the SLF search were negative. The NAHC is careful to remind requestors that the absence of specific site information does not indicate absence of cultural resources within a specific project site. As the lead agency for CEQA, the City of Bell will send out AB52 compliant letters, and engage in any requested Tribal consultation.

Survey Results

Ground visibility in the project site was poor (0 - 35%) with approximately 25 % exposure. In areas with ground exposure, vegetation included an overgrowth of seasonal grasses and weeds, and at least four species of trees were present throughout the project site (Figure 2). A concrete-lined watercourse is present in the southern portion of the project site, and surface visibility of the exposed areas was obscured by large shrubs and weed overgrowth (Figure 3). Located centrally within the project site is a paved parking lot that is no longer in use (Figure 4). Seasonal grasses and weeds are growing in spots where the pavement has degraded away. The eastern portion of the project site is mostly paved, except for a landscaping planter that abuts the land south of the project site that is higher in elevation. Soil throughout the project site is a moderately compacted silt loam with very low gravel content.

The concrete-lined watercourse measured approximately 4 feet deep and between 4 feet and 10 feet wide. The parking lot and the watercourse are separated by a chain link fence. The planter measured approximately 3 feet tall and 6 feet wide, and held several trees, shrubs, and weeds. Several utility poles were aligned within the planter and adjacent to another chain link fence separating the project site from railroad tracks. Some of the utility poles appeared to be older and in disuse but had no diagnostic markings for determining age (Figure 5). Three degraded electrical boxes were also observed within the project site, but also had no diagnostic markings or dateable qualities to them (Figure 6). Modern refuse was observed throughout the entire project site. Portions of the project site are currently in use as break areas by the Salvation Army Campus. A small homeless encampment which appeared occupied was in an area of thick vegetation beside the large ditch.

No archaeological resources or built environment resources warranting recordation were identified during the field survey.

Conclusions and Recommendations

The impact analysis included here is organized based on the cultural resources questions included in CEQA Guidelines Appendix G: Environmental Checklist Form:

a. Would the project cause a substantial adverse change in the significance of a historical resource pursuant to Section 15064.5?
b. Would the project cause a substantial adverse change in the significance of an archaeological resource pursuant to Section 15064.5?

c. Would the project disturb any human remains, including those interred outside of dedicated cemeteries?

Question A broadly refers to historical resources. To more clearly differentiate between archaeological and built environment resources, we have chosen to limit analysis under Question A to built environment resources. Archaeological resources, including those that may be considered historical resources pursuant to Section 15064.5 and those that may be considered unique archaeological resources pursuant to Section 21083.2, are considered under Question B.

Historical Built Environment Resources

While the project site is currently partially paved and in a generally urbanized area, including a concrete-line watercourse within the project site, none of the built environment appears to be 45 years or older. Further, none of the built environment elements contain unique features that would qualify them as a historical resources pursuant to Section 15064.5. Therefore, ***no impact*** would occur to historical resources.

Recommended Mitigation

None recommended for historical built environment resources.

Historical and Unique Archaeological Resources

This assessment did not identify any archaeological resources or archaeological deposits in the project site. The lack of surface evidence of archaeological materials does not preclude their subsurface existence. However, the absence of substantial prehistoric or historic-period archaeological remains within the immediate vicinity coupled with the results of previously conducted nearby surveys does suggest a low probability of encountering unique archaeological resources. Rincon presents the following recommended mitigation measure for unanticipated discoveries during construction. With adherence to this measure, Rincon recommends a finding of ***less than significant impact with mitigation incorporated*** for archaeological resources under CEQA.

Recommended Mitigation

Unanticipated Discovery of Cultural Resources

In the unlikely event that archaeological resources are unexpectedly encountered during ground-disturbing activities, work in the immediate area should be halted and an archaeologist meeting the Secretary of the Interior's Professional Qualifications Standards for archeology (National Park Service 1983) should be contacted immediately to evaluate the find. If the find is prehistoric, then a Native American representative should also be contacted to participate in the evaluation of the find. If necessary, the evaluation may require preparation of a treatment plan and archaeological testing for CRHR eligibility. If the discovery proves to be eligible for the CRHR and cannot be avoided by the proposed project, additional work, such as data recovery excavation, may be warranted to mitigate any significant impacts to historical resources.

Human Remains

No human remains are known to be present within the project site. However, the discovery of human remains is always a possibility during ground disturbing activities. If human remains are found, the State of California Health and Safety Code Section 7050.5 states that no further disturbance shall occur until the County Coroner has made a determination of origin and disposition pursuant to Public Resources Code Section 5097.98. In the event of an unanticipated discovery of human remains, the County Coroner must be notified immediately. If the human remains are determined to be of Native American origin, the Coroner will notify the Native American Heritage Commission, which will determine and notify a most likely descendant (MLD). The MLD has 48 hours from being granted site access to make recommendations for the disposition of the remains. If the MLD does not make recommendations within 48 hours, the landowner shall reinter the remains in an area of the property secure from subsequent disturbance. With adherence to existing regulations, Rincon recommends a finding of less than significant impact to human remains under CEQA.

Should you have any questions concerning this study, please do not hesitate to contact the undersigned at (213) 328-6684 or abean@rinconconsultants.com.

Sincerely,
Rincon Consultants, Inc.



Andrea Bean
Senior Archaeologist

Attachments

Attachment A Figures

References

National Environmental Title Research (NETRonline)

Var. "Historic Aerials." [digital photograph database]. Aerial images of City of Bell property and vicinity. https://netronline.com/. Accessed July 2022.

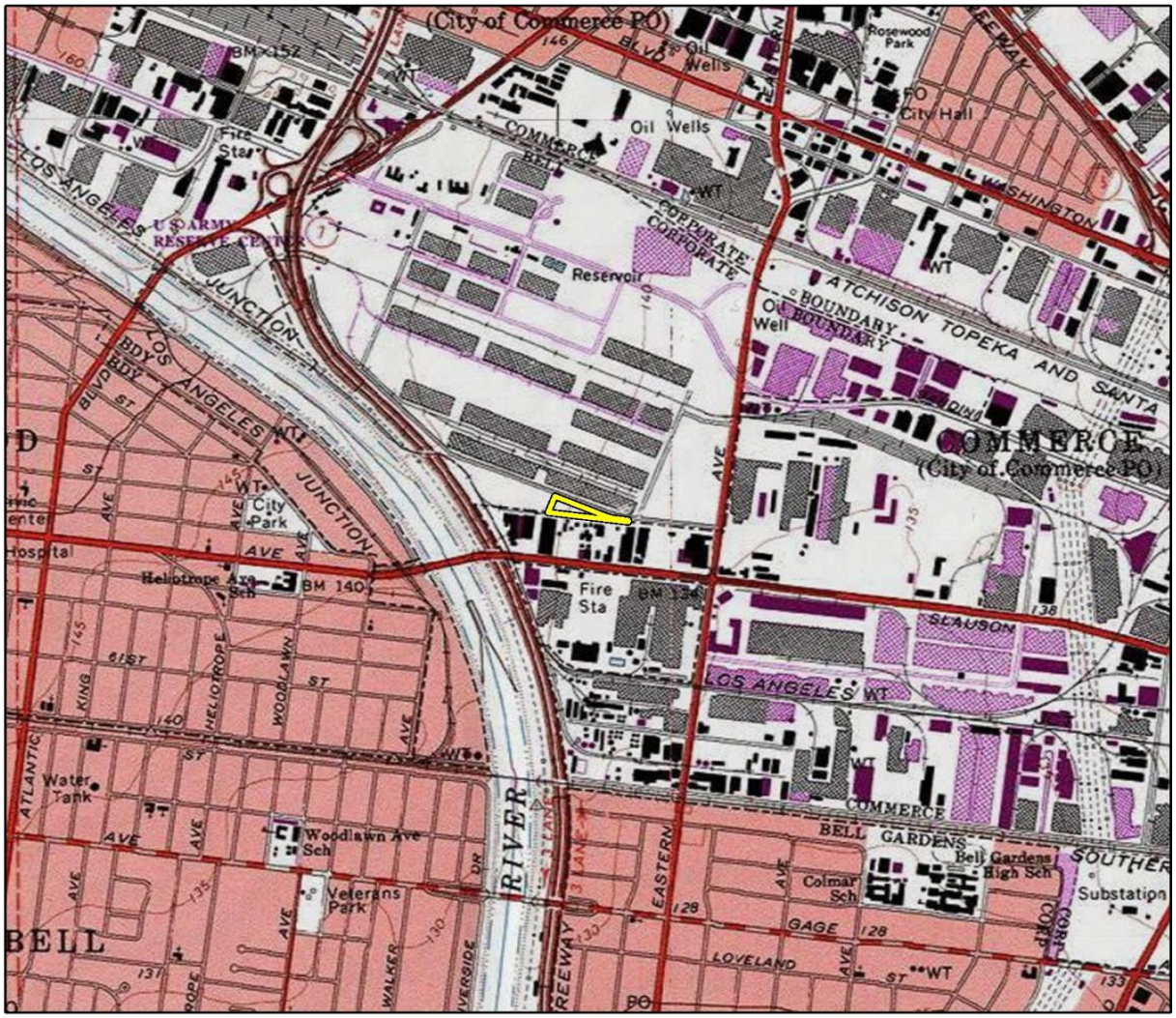
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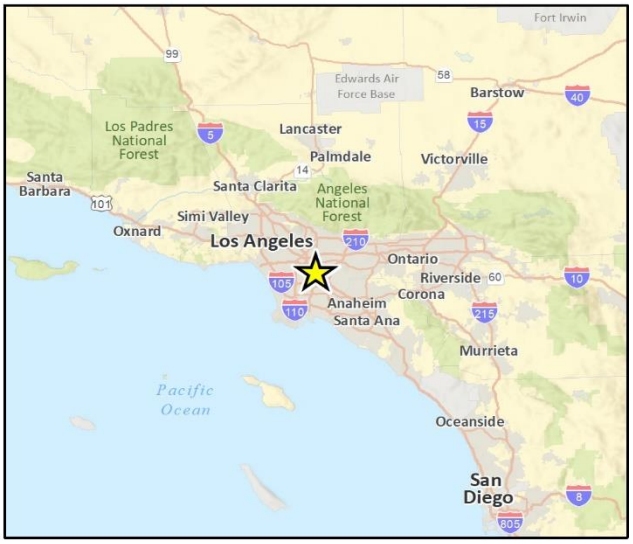
Attachment A

Figures

Figure 1 Project Location



Basemap provided by National Geographic Society, Esri and their licensors © 2022. South Gate Quadrangle. T02S R12W S20. The topographic representation depicted in this map may not portray all of the features currently found in the vicinity today and/or features depicted in this map may have changed since the original topographic map was assembled.



Project Location

0 1,000 2,000 Feet

N

Figure 2 Overview of Project Site, View to the Southeast



Figure 3 Paved Ditch at Southern Project Boundary, View to the West



Figure 4 Paved Parking Lot Within Project Site, View to the Southwest



Figure 5 Utility Poles and Abutting Planter Within Project Site, View to the Southeast



Figure 6 Electrical Box Within Project Site, View to the South



Appendix D

Energy Demand Calculations

The Salvation Army Bell Oasis Apartments II

5/9/2023

Compression-Ignition Engine Brake-Specific Fuel Consumption (BSFC) Factors **[1]**:

HP: 0 to 100	0.0588	HP: Greater than 100	0.0529

Values above are expressed in gallons per horsepower-hour/BSFC.

CONSTRUCTION EQUIPMENT

Construction Equipment	#	Hours per Day	Horsepower	Load Factor	Construction Phase	Fuel Used (gallons)
Graders	1	8	187	0.41	Site Preparation Phase	973
Rubber Tired Dozers	1	7	247	0.4	Site Preparation Phase	1,097
Tractors/Loaders/Backhoes	1	8	97	0.37	Site Preparation Phase	506
Graders	1	8	187	0.41	Grading Phase	519
Rubber Tired Dozers	1	8	247	0.4	Grading Phase	668
Tractors/Loaders/Backhoes	2	8	97	0.37	Grading Phase	540
Cranes	1	6	231	0.29	Building Construction Phase	6,416
Forklifts	1	6	89	0.2	Building Construction Phase	1,895
Generator Sets	1	8	84	0.74	Building Construction Phase	8,825
Tractors/Loaders/Backhoes	1	6	97	0.37	Building Construction Phase	3,822
Welders	3	8	46	0.45	Building Construction Phase	8,817
Air Compressors	1	6	78	0.48	Architectural Coating Phase	779
Cement and Mortar Mixers	1	6	9	0.56	Paving Phase	105
Pavers	1	6	130	0.42	Paving Phase	1,022
Paving Equipment	1	8	132	0.36	Paving Phase	1,186
Rollers	1	7	80	0.38	Paving Phase	738
Tractors/Loaders/Backhoes	1	8	97	0.37	Paving Phase	995
					Total Fuel Used	**38,902**
						(Gallons)

Construction Phase	Days of Operation
Site Preparation Phase	30
Grading Phase	16
Building Construction Phase	302
Paving Phase	59
Architectural Coating Phase	59
Total Days	466

WORKER TRIPS

Constuction Phase	MPG [2]	Trips	Trip Length (miles)	Fuel Used (gallons)
Site Preparation Phase	24.1	8	18.5	184.23
Grading Phase	24.1	10	18.5	122.82
Building Construction Phase	24.1	42	18.5	9736.68
Paving Phase	24.1	13	18.5	588.78
Architectural Coating Phase	24.1	8	18.5	362.32
			Total	**10,994.83**

HAULING AND VENDOR TRIPS

Trip Class	MPG [2]	Trips	Trip Length (miles)	Fuel Used (gallons)
HAULING TRIPS				
Site Preparation Phase	7.5	0	20.0	0.00
Grading Phase	7.5	102	20.0	272.00
Building Construction Phase	7.5	0	20.0	0.00
Paving Phase	7.5	0	20.0	0.00
Architectural Coating Phase	7.5	0	20.0	0.00

			Total	**272.00**
		VENDOR TRIPS		
Site Preparation Phase	7.5	0	10.2	0.00
Grading Phase	7.5	0	10.2	0.00
Building Construction Phase	7.5	6	10.2	2464.32
Paving Phase	7.5	0	10.2	0.00
Architectural Coating Phase	7.5	0	10.2	0.00
			Total	**2,464.32**

Total Gasoline Consumption (gallons)	**10,995**
Total Diesel Consumption (gallons)	**41,638**

Sources:

[1] United States Environmental Protection Agency. 2021. *Exhaust and Crankcase Emission Factors for Nonroad Compression-Ignition Engines in MOVES3.0.2* . September. Available at: https://www.epa.gov/system/files/documents/2021-08/420r21021.pdf.

[2] United States Department of Transportation, Bureau of Transportation Statistics. 2021. *National Transportation Statistics* . Available at: https://www.bts.gov/topics/national-transportation-statistics.

The Salvation Army Bell Oasis Apartments II

Last Updated: 5/9/23

Populate one of the following tables (Leave the other blank):

Annual VMT		OR	Daily Vehicle Trips	
Annual VMT:	461,511		Daily Vehicle Trips:	
			Average Trip Distance:	

Fleet Class	Fleet Mix
Light Duty Auto (LDA)	0.540893
Light Duty Truck 1 (LDT1)	0.062748
Light Duty Truck 2 (LDT2)	0.186142
Medium Duty Vehicle (MDV)	0.127786
Light Heavy Duty 1 (LHD1)	0.023768
Light Heavy Duty 2 (LHD2)	0.006610
Medium Heavy Duty (MHD)	0.012333
Heavy Heavy Duty (HHD)	0.009205
Other Bus (OBUS)	0.000817
Urban Bus (UBUS)	0.000491
Motorcycle (MCY)	0.024860
School Bus (SBUS)	0.000754
Motorhome (MH)	0.003594

Fuel Economy (MPG) [1]	
Passenger Vehicles	24.1
Light-Med Duty Trucks	17.6
Heavy Trucks/Other	7.5
Motorcycles	44

Fleet Mix

Vehicle Type	Percent	Fuel Type	Annual VMT: VMT	Vehicle Trips: VMT	Fuel Consumption (Gallons)
Passenger Vehicles	*54.09%*	*Gasoline*	249,628	0.00	10,358
Light-Medium Duty Trucks	*37.67%*	*Gasoline*	173,840	0.00	9,877
Heavy Trucks/Other	*5.76%*	*Diesel*	26,570	0.00	3,543
Motorcycle	*2.49%*	*Gasoline*	11,473	0.00	261

Total Gasoline Consumption (gallons)	**20,496**
Total Diesel Consumption (gallons)	**3,543**

Sources:

[1] United States Department of Transportation, Bureau of Transportation Statistics. 2021. National Transportation Statistics. Available at: https://www.bts.gov/topics/national-transportation-statistics.

Appendix E

Geotechnical Engineering Investigation

Geotechnologies, Inc.
Consulting Geotechnical Engineers

439 Western Avenue
Glendale, California 91201-2837
818.240.9600 • Fax 818.240.9675

Celebrating 50 YEARS OF SERVICE 1971-2021

June 23, 2022
File Number 22259

Salvation Army
Southern California Division
180 East Ocean Boulevard, Suite 500
Long Beach, California 90802

Attention: Captain J. Koebal

Subject: Geotechnical Engineering Investigation
Proposed Permanent Supportive Housing
5600 Rickenbacker Road,
Bell, California

Ladies and Gentlemen:

This letter transmits the Geotechnical Engineering Investigation for the subject property prepared by Geotechnologies, Inc. This report provides geotechnical recommendations for the development of the site, including earthwork, seismic design, retaining walls, excavations, and foundation design. Engineering for the proposed project should not begin until approval of the geotechnical investigation is granted by the local building official. Significant changes in the geotechnical recommendations may result due to the building department review process.

The validity of the recommendations presented herein is dependent upon review of the geotechnical aspects of the project during construction by this firm. The subsurface conditions described herein have been projected from limited subsurface exploration and laboratory testing. The exploration and testing presented in this report should in no way be construed to reflect any variations which may occur between the exploration locations or which may result from changes in subsurface conditions.

Should you have any questions please contact this office.

Respectfully submitted,
GEOTECHNOLOGIES, INC.

REGISTERED PROFESSIONAL ENGINEER
EDWARD F. HILL
No. 2126
Exp. 6/30/22
GEOTECHNICAL
STATE OF CALIFORNIA

EDWARD F. HILL
G.E. 2126

EFH:ln

Email to: Scott Carde [scott@cardeten.com]
[staceylestes@aol.com]

TABLE OF CONTENTS

SECTION **PAGE**

INTRODUCTION 1
PROPOSED DEVELOPMENT 2
SITE CONDITIONS 2
GEOTECHNICAL EXPLORATION 3
FIELD EXPLORATION 3
Geologic Materials 3
Groundwater 4
Caving 4
SEISMIC EVALUATION 4
REGIONAL GEOLOGIC SETTING 4
REGIONAL FAULTING 5
SEISMIC HAZARDS AND DESIGN CONSIDERATIONS 6
Surface Rupture 6
Liquefaction 7
Dynamic Dry Settlement 9
Tsunamis, Seiches and Flooding 9
Landsliding 9
CONCLUSIONS AND RECOMMENDATIONS 10
SEISMIC DESIGN CONSIDERATIONS 10
California Building Code Seismic Parameters 10
FILL SOILS 11
EXPANSIVE SOILS 12
WATER-SOLUBLE SULFATES 12
GRADING GUIDELINES 12
Site Preparation 12
Recommended Overexcavation 13
Compaction 13
Acceptable Materials 14
Utility Trench Backfill 14
Wet Soils 14
Shrinkage 15
Weather Related Grading Considerations 15
Abandoned Seepage Pits 16
Geotechnical Observations and Testing During Grading 17
LEED Considerations 17
FOUNDATION DESIGN 18
Conventional 18
Miscellaneous Foundations 19
Foundation Reinforcement 19
Lateral Design 19
Foundation Settlement 20
Foundation Observations 20
RETAINING WALL DESIGN 20

TABLE OF CONTENTS

SECTION **PAGE**

Cantilever Retaining Walls 20
Retaining Wall Drainage 21
Dynamic (Seismic) Earth Pressure 21
Waterproofing 21
Retaining Wall Backfill 22
TEMPORARY EXCAVATIONS 22
Excavation Observations 23
SLABS ON GRADE 23
Concrete Slabs-on Grade 23
Design of Slabs That Receive Moisture-Sensitive Floor Coverings 24
Concrete Crack Control 24
Slab Reinforcing 25
PAVEMENTS 25
SITE DRAINAGE 27
STORMWATER DISPOSAL 27
Introduction 27
DESIGN REVIEW 28
CONSTRUCTION MONITORING 28
EXCAVATION CHARACTERISTICS 29
CLOSURE AND LIMITATIONS 29
GEOTECHNICAL TESTING 30
Classification and Sampling 30
Grain Size Distribution 31
Moisture and Density Relationships 31
Direct Shear Testing 31
Consolidation Testing 32
Expansion Index Testing 32
Laboratory Compaction Characteristics 33
REFERENCES 34

ENCLOSURES

References
Vicinity Map
Historically Highest Groundwater Levels Map
Seismic Hazard Zone Map
Plot Plan
Plates A-1 through A-2
Plates B-1 and B-2
Plate C-1 through C-3
Plate D
Plate E
Plate F
Calculation Sheet

TABLE OF CONTENTS

SECTION **PAGE**

ENCLOSURES (continued)
Plates from File Number 21179 (38 Pages)
Plates from File No. 19372 (33 pages)

GEOTECHNICAL ENGINEERING INVESTIGATION
PROPOSED PERMANENT SUPPORTIVE HOUSING
5600 RICKENBACKER ROAD
BELL, CALIFORNIA

INTRODUCTION

This report presents the results of the geotechnical engineering investigation performed on the subject property. The purpose of this investigation was to identify the distribution and engineering properties of the earth materials underlying the site, and to provide geotechnical recommendations for the design of the proposed development.

This investigation included two exploratory excavations, collection of representative samples, laboratory testing, engineering analysis, review of published geologic data, review of available geotechnical engineering information and the preparation of this report. The exploratory excavation locations are shown on the enclosed Plot Plan. The results of the exploration and the laboratory testing are presented in the Appendix of this report.

This office has previously provided geotechnical consultation on the subject property. That consultation resulted in the preparation of a report entitled "Geotechnical Engineering Investigation", File Number 19372, dated February 8, 2007, Revised December 5, 2007. That report addressed a larger site and was based on nine geotechnical excavations and laboratory testing. Additionally, this office provided geotechnical design data for the existing structure to the west of the subject property File Number 21179. The geotechnical report for that site is dated May 4, 2016 and was based on six exploratory excavations and laboratory testing. This report is intended to update and supplant the referenced reports. The excavation locations and testing from the previous reports is included herein.

PROPOSED DEVELOPMENT

Information concerning the proposed development was furnished by the design team. The proposed project consists of a housing structure. The structure is proposed to be three stories built at or near existing site grades. Column loads are estimated to be between 400 and 600 kips. Wall loads are estimated to be between 3 and 6 kips per lineal foot. Grading will consist of removal and recompaction of existing unsuitable soils.

Any changes in the design of the project or location of any structure, as outlined in this report, should be reviewed by this office. The recommendations contained in this report should not be considered valid until reviewed and modified or reaffirmed, in writing, subsequent to such review.

SITE CONDITIONS

The property is located at the southwest corner of Mansfield Way and K Street, in the City of Bell, California. The subject site, known as "Area 3", consists of a vacant, roughly triangular parcel. The parcel is bounded by K Street to the north and by a concrete channel and a railroad right of way to the south.

At the time of exploration, the site was vacant. A portion of the site was covered with an asphaltic parking lot. A concrete-lined retention basin exists to the west of the site. In addition, a concrete-lined, v-shaped, drainage channel exists along the south side of the property. The drainage channel discharges the collected runoff into the Los Angeles River.

The neighboring development consists of one to two story commercial and industrial structures. Vegetation consists of isolated trees, grasses, and shrubs.

GEOTECHNICAL EXPLORATION

FIELD EXPLORATION

The site was most recently explored on May 6, 2022 by excavating two exploratory excavations. The explorations varied in depth from 20 to 50 feet. The exploration was prosecuted with the aid of a truck-mounted drilling machine using 8-inch diameter hollowstem augers. The exploration locations are shown on the Plot Plan and the geologic materials encountered are logged on Plates A-1 through A-2.

The location of exploratory excavations was determined by information furnished by the client. Elevations of the exploratory excavations were determined by hand level or interpolation from data provided. The location and elevation of the exploratory excavations should be considered accurate only to the degree implied by the method used.

Geologic Materials

Asphaltic pavement encountered in the borings was found to be 3 inches thick. Base materials underlying the asphalt pavement were encountered in the borings 3 inches in thickness.

Fill materials underlying the subject site consist of silty sands, which are dark brown in color, moist, medium dense, and fine grained. Fill thickness ranged from 2-1/2 to 3 feet were encountered in the explorations.

Native soils consist of silty sands to sands, and clayey silts to silty clays, which are yellowish to grayish to dark brown in color, moist, medium dense to very dense, stiff, and fine grained. The native soils consist predominantly of sediments deposited by river and stream action typical to this area of Los Angeles County. More detailed soil profiles may be obtained from individual boring logs.

The geologic materials consist of detrital sediments deposited by river and stream action typical to this area of Los Angeles County. More detailed descriptions of the earth materials encountered may be obtained from individual logs of the subsurface excavations.

Groundwater

Groundwater was not encountered during exploration. The historic high groundwater level was established by review of California Geological Survey Seismic Hazard Evaluation Report 034 Plate 1.2 entitled "Historically Highest Ground Water Contours". Review of this plate indicates that the historically highest groundwater level is on the order of 18 feet below grade.

Fluctuations in the level of groundwater may occur due to variations in rainfall, temperature, and other factors not evident at the time of the measurements reported herein. Fluctuations also may occur across the site. High groundwater levels can result in changed conditions.

Caving

Caving could not be directly observed during exploration due to the type of excavation equipment utilized. Based on the experience of this firm, large diameter excavations, excavations that encounter granular, cohesionless soils and excavations below the groundwater table will most likely experience caving.

SEISMIC EVALUATION

REGIONAL GEOLOGIC SETTING

The subject property is located in the northern portion of the Peninsular Ranges Geomorphic Province. The Peninsular Ranges are characterized by northwest-trending blocks of mountain ridges and sediment-floored valleys. The dominant geologic structural features are northwest trending fault zones that either die out to the northwest or terminate at east-trending reverse faults that form the southern margin of the Transverse Ranges.

The Los Angeles Basin is located at the northern end of the Peninsular Ranges Geomorphic Province. The basin is bounded by the east and southeast by the Santa Ana Mountains and San Joaquin Hills, to the northwest by the Santa Monica Mountains. Over 22 million years ago the Los Angeles basin was a deep marine basin formed by tectonic forces between the North American and Pacific plates. Since that time, over 5 miles of marine and non-marine sedimentary rock as well as intrusive and extrusive igneous rocks have filled the basin. During the last 2 million years, defined by the Pleistocene and Holocene epochs, the Los Angeles basin and surrounding mountain ranges have been uplifted to form the present day landscape. Erosion of the surrounding mountains has resulted in deposition of unconsolidated sediments in low-lying areas by rivers such as the Los Angeles River. Areas that have experienced subtle uplift have been eroded with gullies.

The site is underlain by unconsolidated alluvial sediments deposited by river and stream action that are deeper than 200 feet.

REGIONAL FAULTING

Based on criteria established by the California Division of Mines and Geology (CDMG) now called California Geologic Survey (CGS), faults may be categorized as active, potentially active, or inactive. Active faults are those which show evidence of surface displacement within the last 11,000 years (Holocene-age). Potentially-active faults are those that show evidence of most recent surface displacement within the last 1.6 million years (Quaternary-age). Faults showing no evidence of surface displacement within the last 1.6 million years are considered inactive for most purposes, with the exception of design of some critical structures.

Buried thrust faults are faults without a surface expression but are a significant source of seismic activity. They are typically broadly defined based on the analysis of seismic wave recordings of hundreds of small and large earthquakes in the southern California area. Due to the buried nature of these thrust faults, their existence is usually not known until they produce an

earthquake. The risk for surface rupture potential of these buried thrust faults is inferred to be low (Leighton, 1990). However, the seismic risk of these buried structures in terms of recurrence and maximum potential magnitude is not well established. Therefore, the potential for surface rupture on these surface-verging splays at magnitudes higher than 6.0 cannot be precluded.

SEISMIC HAZARDS AND DESIGN CONSIDERATIONS

The primary geologic hazard at the site is moderate to strong ground motion (acceleration) caused by an earthquake on any of the local or regional faults. The potential for other earthquake-induced hazards was also evaluated including surface rupture, liquefaction, dynamic settlement, inundation and landsliding.

Surface Rupture

In 1972, the Alquist-Priolo Special Studies Zones Act (now known as the Alquist-Priolo Earthquake Fault Zoning Act) was passed into law. The Act defines "active" and "potentially active" faults utilizing the same aging criteria as that used by California Geological Survey (CGS). However, established state policy has been to zone only those faults which have direct evidence of movement within the last 11,000 years. It is this recency of fault movement that the CGS considers as a characteristic for faults that have a relatively high potential for ground rupture in the future.

CGS policy is to delineate a boundary from 200 to 500 feet wide on each side of the known fault trace based on the location precision, the complexity, or the regional significance of the fault. If a site lies within an Earthquake Fault Zone, a geologic fault rupture investigation must be performed that demonstrates that the proposed building site is not threatened by surface displacement from the fault before development permits may be issued.

Ground rupture is defined as surface displacement which occurs along the surface trace of the causative fault during an earthquake. Based on research of available literature and results of site reconnaissance, no known active or potentially active faults underlie the subject site. In addition, the subject site is not located within an Alquist-Priolo Earthquake Fault Zone. Based on these considerations, the potential for surface ground rupture at the subject site is considered low.

Liquefaction

Liquefaction is a phenomenon in which saturated silty to cohesionless soils below the groundwater table are subject to a temporary loss of strength due to the buildup of excess pore pressure during cyclic loading conditions such as those induced by an earthquake. Liquefaction-related effects include loss of bearing strength, amplified ground oscillations, lateral spreading, and flow failures.

The Seismic Hazards Maps of the State of California (CDMG, 1999), classifies the site as part of the potentially "Liquefiable" area. This determination is based on groundwater depth records, soil type and distance to a fault capable of producing a substantial earthquake.

In order to address the liquefaction potential within the western campus, a Site-specific liquefaction analysis was performed following the Recommended Procedures for Implementation of the California Geologic Survey Special Publication 117A, Guidelines for Analyzing and Mitigating Seismic Hazards in California (CGS, 2008), and the EERI Monograph (MNO-12) by Idriss and Boulanger (2008). The liquefaction analyses were performed utilizing the Standard Penetration Test data. The enclosed SPT liquefaction analysis was performed using a spreadsheet developed following the procedure presented in the EERI Monograph (MNO-12) by Idriss and Boulanger (2008).

Groundwater was not encountered during exploration. According to the Seismic Hazard Zone Report of the South Gate 7½-Minute Quadrangle (CDMG, 1998 Revised 2006), the historically highest groundwater level for the site was approximately 18 feet below the existing ground surface. The historically highest groundwater level was conservatively utilized for the enclosed liquefaction analysis.

The peak ground acceleration (PGA) and modal magnitude were obtained from the USGS websites, using the Probabilistic Seismic Hazard Deaggregation program (USGS, 2008) and the U.S. Seismic Design Maps tool (USGS, 2013). A Site Class "D" (Stiff Soil Profile) and a published shear wave velocity of 230 meters per second were utilized for Vs30 (Tinsley and Fumal, 1985) in the USGS seismic programs. A modal magnitude (MW) of 6.9 is obtained using the USGS Probabilistic Seismic Hazard Deaggregation program (USGS, 2008). A peak ground acceleration of 0.86g, which corresponds to the site's PGAM, was obtained using the U.S. Seismic Design Maps tool. These parameters are used in the enclosed liquefaction analyses.

The enclosed "Empirical Estimation of Liquefaction Potential" is based on the results obtained from the exploratory boring. Standard Penetration Test (SPT) data were collected at 5-foot intervals. Samples of the collected materials were conveyed to the laboratory for testing and analysis. Fines content, as defined by percentage passing the #200 sieve, were utilized for the fines correction factor in computing the corrected blow count of selected soil layers. Fine contents of selected samples are presented in Plate E.

According to the SP117A, soils having a Plastic Index greater than 18 exhibit clay-like behavior, and the liquefaction potential of these soils are considered to be low. Therefore, where the results of Atterberg Limits testing showed a Plastic Index greater than 18, the soils would be considered non-liquefiable, and the analysis of these soil layers was turned off in the liquefaction susceptibility column.

Based on the collected SPT data, the enclosed liquefaction analysis indicates that liquefaction potential for the site is remote based on the design earthquake.

Dynamic Dry Settlement

Seismically-induced settlement or compaction of dry or moist, cohesionless soils can be an effect related to earthquake ground motion. Such settlements are typically most damaging when the settlements are differential in nature across the length of structures.

Some seismically-induced settlement of the proposed structures should be expected as a result of strong ground-shaking, however, due to the uniform nature of the underlying geologic materials, excessive differential settlements are not expected to occur.

Tsunamis, Seiches and Flooding

Review of the County of Los Angeles Flood and Inundation Hazards Map (Leighton, 1990), indicates the site lies within the inundation boundaries of the Hansen Dam. A determination of whether a higher site elevation would remove the site from the potential inundation zones is beyond the scope of this investigation. The site is far and/or high enough from the ocean or lakes such that it would not be prone to hazards of a tsunami or seiche.

Landsliding

The probability of seismically-induced landslides occurring on the site is considered to be low due to the general lack of elevation difference slope geometry across or adjacent to the site.

CONCLUSIONS AND RECOMMENDATIONS

Based upon the exploration, laboratory testing, and research, it is the finding of Geotechnologies, Inc. that construction of the proposed permanent supportive housing project is considered feasible from a geotechnical engineering standpoint provided the advice and recommendations presented herein are followed and implemented during construction.

The existing fill materials are not suitable for support of the proposed foundations, floor slabs or additional fill. Existing fill materials should be completely removed within the building area and recompacted. In addition, earth materials should be removed to a minimum depth of three feet below proposed foundations and recompacted as controlled fill prior to foundation excavation. Conventional foundations bearing in newly placed controlled fill are recommended for foundation support.

The following statement is made in regard to Los Angeles County Code Sections 110 and 111: It is the opinion of the undersigned based on the findings of this investigation that provided the recommendations presented in this report are followed, the proposed development will be safe for its intended use against hazard from landsliding, settlement or slippage. The proposed development will have no adverse effect on the stability of the site of adjoining properties.

Foundations for small outlying structures, such as property line walls, which will not be tied-in to the proposed housing development may be supported on conventional foundations bearing in native geologic materials.

SEISMIC DESIGN CONSIDERATIONS

California Building Code Seismic Parameters

Based on information derived from the subsurface investigation, the subject site is classified as Site Class D, which corresponds to a "Stiff Soil" Profile, according to Table 20.3-1 of ASCE 7-16. This information and the site coordinates were input into the OSHPD seismic utility program in order to calculate ground motion parameters for the site.

CALIFORNIA BUILDING CODE SEISMIC PARAMETERS	
California Building Code	2019
ASCE Design Standard	7-16
Risk Category	II
Site Class	D
Mapped Spectral Acceleration at Short Periods (S_S)	1.819g
Site Coefficient (F_a)	1.0
Maximum Considered Earthquake Spectral Response for Short Periods (S_{MS})	1.819g
Five-Percent Damped Design Spectral Response Acceleration at Short Periods (S_{DS})	1.213g
Mapped Spectral Acceleration at One-Second Period (S_1)	0.648g
Site Coefficient (F_v)	1.7*
Maximum Considered Earthquake Spectral Response for One-Second Period (S_{M1})	1.102g*
Five-Percent Damped Design Spectral Response Acceleration for One-Second Period (S_{D1})	0.738g*

* *According to ASCE 7-16, a Long Period Site Coefficient (F_v) of 1.7 may be utilized provided that the value of the Seismic Response Coefficient (C_s) is determined by Equation 12.8-2 for values of $T \leq 1.5T_s$ and taken as equal to 1.5 times the value computed in accordance with either Equation 12.8-3 for $T_L \geq T > 1.5T_s$ or equation 12.8-4 for $T > T_L$. Alternatively, a site-specific ground motion hazard analysis may be performed in accordance with ASCE 7-16 Section 21.1 and/or a ground motion hazard analysis in accordance with ASCE 7-16 Section 21.2 to determine ground motions for any structure.*

FILL SOILS

The maximum depth of fill encountered on the site was three feet. This material and any fill generated during demolition should be removed and recompacted as controlled fill prior to foundation excavation.

EXPANSIVE SOILS

The onsite geologic materials are in the very low expansion range. The Expansion Index was found to be between 4 and 7 for bulk samples remolded to 90 percent of the laboratory maximum density. Special considerations are not required.

WATER-SOLUBLE SULFATES

The Portland cement portion of concrete is subject to attack when exposed to water-soluble sulfates. Usually the two most common sources of exposure are from soil and marine environments.

The sources of natural sulfate minerals in soils include the sulfates of calcium, magnesium, sodium, and potassium. When these minerals interact and dissolve in subsurface water, a sulfate concentration is created, which will react with exposed concrete. Over time sulfate attack will destroy improperly proportioned concrete well before the end of its intended service life.

The water-soluble sulfate content of the onsite geologic materials was tested by California Test 417. The water-soluble sulfate content was determined to be less than 0.1% percentage by weight for the soils tested. Less than 0.1% is considered negligible.

GRADING GUIDELINES

Site Preparation

- A thorough search should be made for possible underground utilities and/or structures. Any existing or abandoned utilities or structures located within the footprint of the proposed grading should be removed or relocated as appropriate.

- All vegetation, existing fill, and soft or disturbed geologic materials should be removed from the areas to receive controlled fill. All existing fill materials and any disturbed geologic materials resulting from grading operations shall be completely removed and properly recompacted prior to foundation excavation.

- Any vegetation or associated root system located within the footprint of the proposed structures should be removed during grading.

- Subsequent to the indicated removals, the exposed grade shall be scarified to a depth of six inches, moistened to optimum moisture content, and recompacted in excess of the minimum required comparative density.

- The excavated areas shall be observed by the geotechnical engineer prior to placing compacted fill.

Recommended Overexcavation

The proposed building areas shall be excavated to a minimum depth of three feet below the bottom of all foundations. The excavation shall extend at least three feet beyond the edge of foundations or for a distance equal to the depth of fill below the foundations, whichever is greater. It is very important that the positions of the proposed structures are accurately located so that the limits of the graded area are accurate and the grading operation proceeds efficiently.

Compaction

Comparative compaction is defined, for purposes of these guidelines, as the ratio of the in-place density to the maximum density as determined by applicable ASTM testing.
All fill should be mechanically compacted in layers not more than 8 inches thick. The materials placed should be moisture conditions to within 3 percent of the optimum moisture content of the particular material placed. All fill shall be compacted to at least 90 percent of the maximum laboratory density for the materials used. The maximum density shall be determined by the laboratory operated by Geotechnologies, Inc. using the test method described in the most recent revision of ASTM D 1557.

Field observation and testing shall be performed by a representative of the geotechnical engineer during grading to assist the contractor in obtaining the required degree of compaction and the proper moisture content. Where compaction is less than required, additional compactive effort shall be made with adjustment of the moisture content, as necessary, until a minimum of 90 percent compaction is obtained.

Acceptable Materials

The excavated onsite materials are considered satisfactory for reuse in the controlled fills as long as any debris and/or organic matter is removed.

Any imported materials shall be observed and tested by the representative of the geotechnical engineer prior to use in fill areas. Imported materials should contain sufficient fines so as to be relatively impermeable and result in a stable subgrade when compacted. Any required import materials should consist of geologic materials with an expansion index of less than 20. The water-soluble sulfate content of the import materials should be less than 0.1% percentage by weight.

Imported materials should be free from chemical or organic substances which could affect the proposed development. A competent professional should be retained in order to test imported materials and address environmental issues and organic substances which might affect the proposed development.

Utility Trench Backfill

Utility trenches should be backfilled with controlled fill. The utility should be bedded with clean sands at least one foot over the crown. The remainder of the backfill may be onsite soil compacted to 90 percent of the laboratory maximum density. Utility trench backfill should be tested by representatives of this firm in accordance with the most recent revision of ASTM D-1557.

Wet Soils

At the time of exploration the soils which will be exposed during grading were slightly above optimum moisture content. It is anticipated that the excavated material to be placed as compacted fill, and the materials exposed at the bottom of excavated plane may require significant drying and aeration prior to recompaction.

Pumping (yielding or vertical deflection) of the high-moisture content soils at the bottom of the excavation may occur during operation of heavy equipment. Where pumping is encountered, angular minimum ¾-inch gravel should be placed and worked into the subgrade. The exact thickness of the gravel would be a trial and error procedure, and would be determined in the field. It would likely be on the order of 1 to 2 feet thick.

The gravel will help to densify the subgrade as well as function as a stabilization material upon which heavy equipment may operate. It is not recommended that rubber tire construction equipment attempt to operate directly on the pumping subgrade soils prior to placing the gravel. Direct operation of rubber tire equipment on the soft subgrade soils will likely result in excessive disturbance to the soils, which in turn will result in a delay to the construction schedule since those disturbed soils would then have to be removed and properly recompacted. Extreme care should be utilized to place gravel as the subgrade becomes exposed.

Shrinkage

Shrinkage results when a volume of soil removed at one density is compacted to a higher density. A shrinkage factor between 5 and 15 percent should be anticipated when excavating and recompacting the existing fill and underlying native geologic materials on the site to an average comparative compaction of 92 percent.

Weather Related Grading Considerations

When rain is forecast all fill that has been spread and awaits compaction shall be properly compacted prior to stopping work for the day or prior to stopping due to inclement weather. These fills, once compacted, shall have the surface sloped to drain to an area where water can be removed.

Temporary drainage devices should be installed to collect and transfer excess water to the street in non-erosive drainage devices. Drainage should not be allowed to pond anywhere on the site, and especially not against any foundation or retaining wall. Drainage should not be allowed to flow uncontrolled over any descending slope.

Work may start again, after a period of rainfall, once the site has been reviewed by a representative of this office. Any soils saturated by the rain shall be removed and aerated so that the moisture content will fall within three percent of the optimum moisture content.
Surface materials previously compacted before the rain shall be scarified, brought to the proper moisture content and recompacted prior to placing additional fill, if considered necessary by a representative of this firm.

Abandoned Seepage Pits

No abandoned seepage pits were encountered during exploration and none are known to exist on the site. However, should such a structure be encountered during grading, options to permanently abandon seepage pits include complete removal and backfill of the excavation with compacted fill, or drilling out the loose materials and backfilling to within a few feet of grade with slurry, followed by a compacted fill cap.

If the subsurface structures are to be removed by grading, the entire structure should be demolished. The resulting void may be refilled with compacted soil. Concrete and brick generated during the seepage pit removal may be reused in the fill as long as all fragments are less than 6 inches in longest dimension and the debris comprises less than 15 percent of the fill by volume. All grading should comply with the recommendations of this report.

Where the seepage pit structure is to be left in place, the seepage pits should cleaned of all soil and debris. This may be accomplished by drilling. The pits should be filled with minimum 1-1/2 sack concrete slurry to within 5 feet of the bottom of the proposed foundations. In order to provide a more uniform foundation condition, the remainder of the void should be filled with controlled fill.

Geotechnical Observations and Testing During Grading

Geotechnical observations and testing during grading are considered to be a continuation of the geotechnical investigation. It is critical that the geotechnical aspects of the project be reviewed by representatives of Geotechnologies, Inc. during the construction process. Compliance with the design concepts, specifications or recommendations during construction requires review by this firm during the course of construction. Any fill which is placed should be observed, tested, and verified if used for engineered purposes. Please advise this office at least twenty-four hours prior to any required site visit.

LEED Considerations

The Leadership in Energy and Environmental Design (LEED) Green Building Rating System encourages adoption of sustainable green building and development practices. Credit for LEED Certification can be assigned for reuse of construction waste and diversion of materials from landfills in new construction.

In an effort to provide the design team with a viable option in this regard, demolition debris could be crushed onsite in order to use it in the ongoing grading operations. The environmental ramifications of this option, if any, should be considered by the team.

The demolition debris should be limited to concrete, asphalt and other non-deleterious materials. All deleterious materials should be removed including, but not limited to, paper, garbage, ceramic materials and wood.

For structural fill applications, the materials should be crushed to 2 inches in maximum dimension or smaller. The crushed materials should be thoroughly blended and mixed with onsite soils prior to placement as compacted fill. The amount of crushed material should not exceed 20 percent. The blended and mixed materials should be tested by this office prior to

placement to insure it is suitable for compaction purposes. The blended and mixed materials should be tested by Geotechnologies, Inc. during placement to insure that it has been compacted in a suitable manner.

FOUNDATION DESIGN

Conventional

Conventional foundations may bear in newly placed controlled fill. All conventional foundations for a structure should bear in the same material.
Continuous foundations may be designed for a bearing capacity of 2,000 pounds per square foot, and should be a minimum of 12 inches in width, 18 inches in depth below the lowest adjacent grade and 18 inches into the recommended bearing material.

Column foundations may be designed for a bearing capacity of 2,500 pounds per square foot, and should be a minimum of 24 inches in width, 18 inches in depth below the lowest adjacent grade and 18 inches into the recommended bearing material.

The bearing capacity increase for each additional foot of width is 300 pounds per square foot. The bearing capacity increase for each additional foot of depth is 800 pounds per square foot. The maximum recommended bearing capacity is 4,000 pounds per square foot.

The bearing capacities indicated above are for the total of dead and frequently applied live loads, and may be increased by one third for short duration loading, which includes the effects of wind or seismic forces.

Miscellaneous Foundations

Conventional foundations for structures such as privacy walls or trash enclosures which will not be rigidly connected to the proposed housing structures may bear in native soils. Continuous footings may be designed for a bearing capacity of 1,500 pounds per square foot, and should be a minimum of 12 inches in width, 18 inches in depth below the lowest adjacent grade and 18 inches into the recommended bearing material. No bearing capacity increases are recommended.

Since the recommended bearing capacity is a net value, the weight of concrete in the foundations may be taken as 50 pounds per cubic foot and the weight of the soil backfill may be neglected when determining the downward load on the foundations.

Foundation Reinforcement

All continuous foundations should be reinforced with a minimum of four #4 steel bars. Two should be placed near the top of the foundation, and two should be placed near the bottom.

Lateral Design

Resistance to lateral loading may be provided by friction acting at the base of foundations and by passive earth pressure. An allowable coefficient of friction of 0.4 may be used with the dead load forces.

Passive geologic pressure for the sides of foundations poured against undisturbed or recompacted soil may be computed as an equivalent fluid having a density of 300 pounds per cubic foot with a maximum earth pressure of 3,000 pounds per square foot.

The passive and friction components may be combined for lateral resistance without reduction. A one-third increase in the passive value may be used for short duration loading such as wind or seismic forces.

Foundation Settlement

Settlement of the foundation system is expected to occur on initial application of loading. The maximum settlement is expected to be 1 inch and occur below the heaviest loaded columns. Differential settlement is not expected to exceed 1/2 inch.

Foundation Observations

It is critical that all foundation excavations are observed by a representative of this firm to verify penetration into the recommended bearing materials. The observation should be performed prior to the placement of reinforcement. Foundations should be deepened to extend into satisfactory geologic materials, if necessary.

Foundation excavations should be cleaned of all loose soils prior to placing steel and concrete. Any required foundation backfill should be mechanically compacted, flooding is not permitted.

RETAINING WALL DESIGN

Cantilever Retaining Walls

Retaining walls supporting a level backslope may be designed utilizing a triangular distribution of pressure. Cantilever retaining walls may be designed for 40 pounds per cubic foot for walls retaining up to 6 feet of earth.

For this equivalent fluid pressure to be valid, walls which are to be restrained at the top should be backfilled prior to the upper connection being made. Additional active pressure should be added for a surcharge condition due to sloping ground, vehicular traffic or adjacent structures.

Retaining Wall Drainage

Retaining walls should be provided with a subdrain covered with a minimum of 12 inches of gravel, and a compacted fill blanket or other seal at the surface. The onsite geologic materials are acceptable for use as retaining wall backfill as long as they are compacted to a minimum of 90 percent of the maximum density as determined by the most recent revision of ASTM D 1557.

Certain types of subdrain pipe are not acceptable to the various municipal agencies, it is recommended that prior to purchasing subdrainage pipe, the type and brand is cleared with the proper municipal agencies. Subdrainage pipes should outlet to an acceptable location.

Dynamic (Seismic) Earth Pressure

The maximum dynamic active pressure is equal to the sum of the initial static pressure and the dynamic (seismic) pressure increment. Under the most recent building code, as interpreted by most building departments, seismic earth pressure is required in the design of restraining walls which support over 6 feet of earth. The proposed walls are less than 6 feet in height therefore the dynamic earth pressure may be omitted.

Waterproofing

Moisture effecting retaining walls is one of the most common post construction complaints. Poorly applied or omitted waterproofing can lead to efflorescence or standing water inside the building. Efflorescence is a process in which a powdery substance is produced on the surface of the concrete by the evaporation of water. The white powder usually consists of soluble salts such as gypsum, calcite, or common salt. Efflorescence is common to retaining walls and does not affect their strength or integrity.

It is recommended that retaining walls be waterproofed. Waterproofing design and inspection of its installation is not the responsibility of the geotechnical engineer. A qualified waterproofing consultant should be retained in order to recommend a product or method which would provide protection to below grade walls.

Retaining Wall Backfill

Any required backfill should be mechanically compacted in layers not more than 8 inches thick, to at least 90 percent of the maximum density obtainable by the most recent revision of ASTM D 1557 method of compaction. Flooding should not be permitted. Compaction within 5 feet, measured horizontally, behind a retaining structure should be achieved by use of light weight, hand operated compaction equipment.

Proper compaction of the backfill will be necessary to reduce settlement of overlying walks and paving. Some settlement of required backfill should be anticipated, and any utilities supported therein should be designed to accept differential settlement, particularly at the points of entry to the structure.

TEMPORARY EXCAVATIONS

Excavations on the order of 3 to 5 feet in vertical height will be required for the recommended recompaction. The excavations are expected to expose fill and dense native soils, which are suitable for vertical excavations up to 5 feet where not surcharged by adjacent traffic or structures. Excavations which will be surcharged by adjacent traffic or structures should be shored.

Where sufficient space is available, temporary unsurcharged embankments could be cut at a uniform 1:1 slope gradient. A uniform sloped excavation is sloped from bottom to top and does not have a vertical component.

Where sloped embankments are utilized, the tops of the slopes should be barricaded to prevent vehicles and storage loads near the top of slope within a horizontal distance equal to the depth of the excavation. If the temporary construction embankments are to be maintained during the rainy season, berms are strongly recommended along the tops of the slopes to prevent runoff water from entering the excavation and eroding the slope faces. Water should not be allowed to pond on top of the excavation or to flow towards it.

Excavation Observations

It is critical that the soils exposed in the cut slopes are observed by a representative of Geotechnologies, Inc. during excavation so that modifications of the slopes can be made if variations in the geologic material conditions occur. Many building officials require that temporary excavations should be made during the continuous observations of the geotechnical engineer. All excavations should be stabilized within 30 days of initial excavation.

SLABS ON GRADE

Concrete Slabs-on Grade

Concrete floor slabs should be a minimum of 4 inches in thickness. Slabs-on-grade should be cast over undisturbed natural geologic materials or properly controlled fill materials. Any geologic materials loosened or over-excavated should be wasted from the site or properly compacted to 90 percent of the maximum dry density.

Outdoor concrete flatwork should be a minimum of 4 inches in thickness. Outdoor concrete flatwork should be cast over undisturbed natural geologic materials or properly controlled fill materials. Any geologic materials loosened or over-excavated should be wasted from the site or properly compacted to 90 percent of the maximum dry density.

Design of Slabs That Receive Moisture-Sensitive Floor Coverings

Geotechnologies, Inc. does not practice in the field of moisture vapor transmission evaluation and mitigation. Therefore, it is recommended that a qualified consultant be engaged to evaluate the general and specific moisture vapor transmission paths and any impact on the proposed construction. The qualified consultant should provide recommendations for mitigation of potential adverse impacts of moisture vapor transmission on various components of the structure.

Where dampness would be objectionable, it is recommended that the floor slabs should be waterproofed. A qualified waterproofing consultant should be retained in order to recommend a product or method which would provide protection for concrete slabs-on-grade.

All concrete slabs-on-grade should be supported on vapor retarder. The design of the slab and the installation of the vapor retarder should comply with the most recent revisions of ASTM E 1643 and ASTM E 1745. The vapor retarder should comply with ASTM E 1745 Class A requirements.
Where a vapor retarder is used, a low-slump concrete should be used to minimize possible curling of the slabs. The barrier can be covered with a layer of trimmable, compactible, granular fill, where it is thought to be beneficial. See ACI 302.2R-32, Chapter 7 for information on the placement of vapor retarders and the use of a fill layer.

Groundwater was encountered on the subject site at depths deeper than 50 feet. Proposed concrete slabs-on-grade do not need to be supported on a layer of compacted aggregate to provide a capillary break.

Concrete Crack Control

The recommendations presented in this report are intended to reduce the potential for cracking of concrete slabs-on-grade due to settlement. However even where these recommendations have been implemented, foundations, stucco walls and concrete slabs-on-grade may display some

cracking due to minor soil movement and/or concrete shrinkage. The occurrence of concrete cracking may be reduced and/or controlled by limiting the slump of the concrete used, proper concrete placement and curing, and by placement of crack control joints at reasonable intervals, in particular, where re-entrant slab corners occur.

For standard control of concrete cracking, a maximum crack control joint spacing of 15 feet should not be exceeded. Lesser spacings would provide greater crack control. Joints at curves and angle points are recommended. The crack control joints should be installed as soon as practical following concrete placement. Crack control joints should extend a minimum depth of one-fourth the slab thickness. Construction joints should be designed by a structural engineer.

Complete removal of the existing fill soils beneath outdoor flatwork such as walkways or patio areas, is not required, however, due to the rigid nature of concrete, some cracking, a shorter design life and increased maintenance costs should be anticipated. In order to provide uniform support beneath the flatwork it is recommended that a minimum of 12 inches of the exposed subgrade beneath the flatwork be scarified and recompacted to 90 percent relative compaction.

Slab Reinforcing

Concrete slabs-on-grade should be reinforced with a minimum of #3 steel bars on 24-inch centers each way.

Outdoor flatwork should be reinforced with a minimum of #3 steel bars on 24-inch centers each way.

PAVEMENTS

Prior to placing paving, the existing grade should be scarified to a depth of 12 inches, moistened as required to obtain optimum moisture content, and recompacted to 90 percent of the maximum density as determined by the most recent revision of ASTM D 1557. The client should be aware that removal of all existing fill in the area of new paving is not required, however, pavement constructed in this manner will most likely have a shorter design life and increased maintenance costs. The following pavement sections are recommended:

Service	Asphalt Pavement Thickness Inches	Base Course Inches
Passenger Cars	3	4
Moderate Truck	4	6

Aggregate base should be compacted to a minimum of 95 percent of the most recent revision of ASTM D 1557 laboratory maximum dry density. Base materials should conform to Sections 200-2.2 or 200-2.4 of the most recent edition of "Standard Specifications for Public Works Construction", (Green Book).

The performance of pavement is highly dependent upon providing positive surface drainage away from the edges. Ponding of water on or adjacent to pavement can result in saturation of the subgrade materials and subsequent pavement distress. If planter islands are planned, the perimeter curb should extend a minimum of 12 inches below the bottom of the aggregate base. The management of pavement wear primarily is focused on the distress caused by vertical loads. The reduction of vertical loading from large vehicles is assisted by increasing the number of axles. Multi-axle groups reduce the peak vertical loading and, when closely spaced, reduce the magnitude of the strain cycles to which the pavement is subjected. However, where tight low-speed turns are executed, non-steering axle groups lead to transverse shear forces (scuffing) at the pavement-tire interface.

With asphaltic concrete pavements, tensile shear stresses from tires can cause surface cracking and raveling, thus, the increased use of non-steering axle groups results in increased pavement wear in the vicinity of intersections and turnarounds where tight low speed turns are executed.

When designing intersections and turnarounds the turn radius should be as large as possible. This will lead to reduced "scuffing" forces. Where tight radius turns are unavoidable, the pavement surface design should take into account the high level of "scuffing" forces that will occur and thickened pavement and subgrade and base course keyways should be considered to assist in the reduction of lateral deflection.

SITE DRAINAGE

Proper surface drainage is critical to the future performance of the project. Saturation of a soil can cause it to lose internal shear strength and increase its compressibility, resulting in a change in the designed engineering properties. Proper site drainage should be maintained at all times.

All site drainage, with the exception of any required to disposed of onsite by stormwater regulations, should be collected and transferred to the street in non-erosive drainage devices. The proposed structure should be provided with roof drainage. Discharge from downspouts, roof drains and scuppers should not be permitted on unprotected soils within five feet of the building perimeter. Drainage should not be allowed to pond anywhere on the site, and especially not against any foundation or retaining wall. Drainage should not be allowed to flow uncontrolled over any descending slope. Planters which are located within a distance equal to the depth of a retaining wall should be sealed to prevent moisture adversely affecting the wall. Planters which are located within five feet of a foundation should be sealed to prevent moisture affecting the earth materials supporting the foundation.

STORMWATER DISPOSAL

Introduction

Recently regulatory agencies have been requiring the disposal of a certain amount of stormwater generated on a site by infiltration into the site soils. Increasing the moisture content of a soil can cause it to lose internal shear strength and increase its compressibility, resulting in a change in the designed engineering properties. This means that any overlying structure, including buildings, pavements and concrete flatwork, could sustain damage due to saturation of the subgrade soils. Structures serviced by subterranean levels could be adversely impacted by stormwater disposal by increasing the design fluid pressures on retaining walls and causing leaks in the walls. Proper site drainage is critical to the performance of any structure in the built environment.

Nearby sites have been found to be liquefiable based on the design earthquake. Increasing the moisture content of the soils underlying the site is not advisable. Therefore stormwater infiltration is not recommended for this site.

DESIGN REVIEW

Engineering of the proposed project should not begin until approval of the geotechnical report by the Building Official is obtained in writing. Significant changes in the geotechnical recommendations may result during the building department review process.

It is recommended that the geotechnical aspects of the project be reviewed by this firm during the design process. This review provides assistance to the design team by providing specific recommendations for particular cases, as well as review of the proposed construction to evaluate whether the intent of the recommendations presented herein are satisfied.

CONSTRUCTION MONITORING

Geotechnical observations and testing during construction are considered to be a continuation of the geotechnical investigation. It is critical that this firm review the geotechnical aspects of the project during the construction process. Compliance with the design concepts, specifications or recommendations during construction requires review by this firm during the course of construction. All foundations should be observed by a representative of this firm prior to placing concrete or steel. Any fill which is placed should be observed, tested, and verified if used for engineered purposes. Please advise Geotechnologies, Inc. at least twenty-four hours prior to any required site visit.

If conditions encountered during construction appear to differ from those disclosed herein, notify Geotechnologies, Inc. immediately so the need for modifications may be considered in a timely manner.

It is the responsibility of the contractor to ensure that all excavations and trenches are properly sloped or shored. All temporary excavations should be cut and maintained in accordance with applicable OSHA rules and regulations.

EXCAVATION CHARACTERISTICS

The exploration performed for this investigation is limited to the geotechnical excavations described. Direct exploration of the entire site would not be economically feasible. The owner, design team and contractor must understand that differing excavation and drilling conditions may be encountered based on boulders, gravel, oversize materials, groundwater and many other conditions. Fill materials, especially when they were placed without benefit of modern grading codes, regularly contain materials which could impede efficient grading and drilling. Southern California sedimentary bedrock is known to contain variable layers which reflect differences in depositional environment. Such layers may include abundant gravel, cobbles and boulders. Similarly bedrock can contain concretions. Concretions are typically lenticular and follow the bedding. They are formed by mineral deposits. Concretions can be very hard. Excavation and drilling in these areas may require full size equipment and coring capability. The contractor should be familiar with the site and the geologic materials in the vicinity.

CLOSURE AND LIMITATIONS

The purpose of this report is to aid in the design and completion of the described project. Implementation of the advice presented in this report is intended to reduce certain risks associated with construction projects. The professional opinions and geotechnical advice contained in this report are sought because of special skill in engineering and geology and were prepared in accordance with generally accepted geotechnical engineering practice. Geotechnologies, Inc. has a duty to exercise the ordinary skill and competence of members of the engineering profession. Those who hire Geotechnologies, Inc. are not justified in expecting infallibility, but can expect reasonable professional care and competence.

The scope of the geotechnical services provided did not include any environmental site assessment for the presence or absence of organic substances, hazardous/toxic materials in the soil, surface water, groundwater, or atmosphere, or the presence of wetlands.

Proper compaction is necessary to reduce settlement of overlying improvements. Some settlement of compacted fill should be anticipated. Any utilities supported therein should be designed to accept differential settlement. Differential settlement should also be considered at the points of entry to the structure.

GEOTECHNICAL TESTING

Classification and Sampling

The soil is continuously logged by a representative of this firm and classified by visual examination in accordance with the Unified Soil Classification system. The field classification is verified in the laboratory, also in accordance with the Unified Soil Classification System. Laboratory classification may include visual examination, Atterberg Limit Tests and grain size distribution. The final classification is shown on the excavation logs.

Samples of the geologic materials encountered in the exploratory excavations were collected and transported to the laboratory. Undisturbed samples of soil are obtained at frequent intervals. Unless noted on the excavation logs as an SPT sample, samples acquired while utilizing a hollow-stem auger drill rig are obtained by driving a thin-walled, California Modified Sampler with successive 30-inch drops of a 140-pound hammer. Samples from bucket-auger drilling are obtained utilizing a California Modified Sampler with successive 12-inch drops of a kelly bar, whose weight is noted on the excavation logs. The soil is retained in brass rings of 2.50 inches outside diameter and 1.00 inch in height. The central portion of the samples are stored in close fitting, waterproof containers for transportation to the laboratory. Samples noted on the excavation logs as SPT samples are obtained in accordance with the most recent revision of ASTM D 1586. Samples are retained for 30 days after the date of the geotechnical report.



Grain Size Distribution

These tests cover the quantitative determination of the distribution of particle sizes in soils. Sieve analysis is used to determine the grain size distribution of the soil larger than the Number 200 sieve.

The most recent revision of ASTM D 422 is used to determine particle sizes smaller than the Number 200 sieve. A hydrometer is used to determine the distribution of particle sizes by a sedimentation process.

The grain size distributions are plotted on the E-Plates presented in the Appendix of this report.

Moisture and Density Relationships

The field moisture content and dry unit weight are determined for each of the undisturbed soil samples, and the moisture content is determined for SPT samples by the most recent revision of ASTM D 4959 or ASTM D 4643. This information is useful in providing a gross picture of the soil consistency between exploration locations and any local variations. The dry unit weight is determined in pounds per cubic foot and shown on the "Excavation Logs", A-Plates. The field moisture content is determined as a percentage of the dry unit weight.

Direct Shear Testing

Shear tests are performed by the most recent revision of ASTM D 3080 with a strain controlled, direct shear machine manufactured by Soil Test, Inc. or a Direct Shear Apparatus manufactured by GeoMatic, Inc. The rate of deformation is approximately 0.025 inches per minute. Each sample is sheared under varying confining pressures in order to determine the Mohr-Coulomb shear strength parameters of the cohesion intercept and the angle of internal friction. Samples are generally tested in an artificially saturated condition. Depending upon the sample location and future site conditions, samples may be tested at field moisture content. The results are plotted on the "Shear Test Diagram," B-Plates.

The most recent revision of ASTM 3080 limits the particle size to 10 percent of the diameter of the direct shear test specimen. The sheared sample is inspected by the laboratory technician running the test. The inspection is performed by splitting the sample along the sheared plane and observing the soils exposed on both sides. Where oversize particles are observed in the shear plane, the results are discarded and the test run again with a fresh sample.

Consolidation Testing

Settlement predictions of the soil's behavior under load are made on the basis of the consolidation tests using the most recent revision of ASTM D 2435. The consolidation apparatus is designed to receive a single one-inch high ring. Loads are applied in several increments in a geometric progression, and the resulting deformations are recorded at selected time intervals. Porous stones are placed in contact with the top and bottom of each specimen to permit addition and release of pore fluid. Samples are generally tested at increased moisture content to determine the effects of water on the bearing soil. The normal pressure at which the water is added is noted on the drawing. Results are plotted on the "Consolidation Test," C-Plates.

Expansion Index Testing

The expansion tests performed on the remolded samples are in accordance with the Expansion Index testing procedures, as described in the most recent revision of ASTM D4829. The soil sample is compacted into a metal ring at a saturation degree of 50 percent. The ring sample is then placed in a consolidometer, under a vertical confining pressure of 1 lbf/square inch and inundated with distilled water. The deformation of the specimen is recorded for a period of 24 hour or until the rate of deformation becomes less than 0.0002 inches/hour, whichever occurs first. The expansion index, EI, is determined by dividing the difference between final and initial height of the ring sample by the initial height, and multiplied by 1,000.

Laboratory Compaction Characteristics

The maximum dry unit weight and optimum moisture content of a soil are determined by use of the most recent revision of ASTM D 1557. A soil at a selected moisture content is placed in five layers into a mold of given dimensions, with each layer compacted by 25 blows of a 10 pound hammer dropped from a distance of 18 inches subjecting the soil to a total compactive effort of about 56,000 pounds per cubic foot. The resulting dry unit weight is determined. The procedure is repeated for a sufficient number of moisture contents to establish a relationship between the dry unit weight and the water content of the soil. The data when plotted represent a curvilinear relationship known as the compaction curve. The values of optimum moisture content and modified maximum dry unit weight are determined from the compaction curve.

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United States Geological Survey, 2011, U.S.G.S. Ground Motion Parameter Calculator (Version 5.0.9a). http://earthquake.usgs.gov/hazards/designmaps/.



REFERENCE: US.G.S TOPOGRAPHIC MAPS, 7.5 MINUTE SERIES, SOUTH GATE, CA QUADRANGLE 2021

VICINITY MAP

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Consulting Geotechnical Engineers

THE SALVATION ARMY
5600 RICKENBACKER RD., BELL

FILE NO: 22259



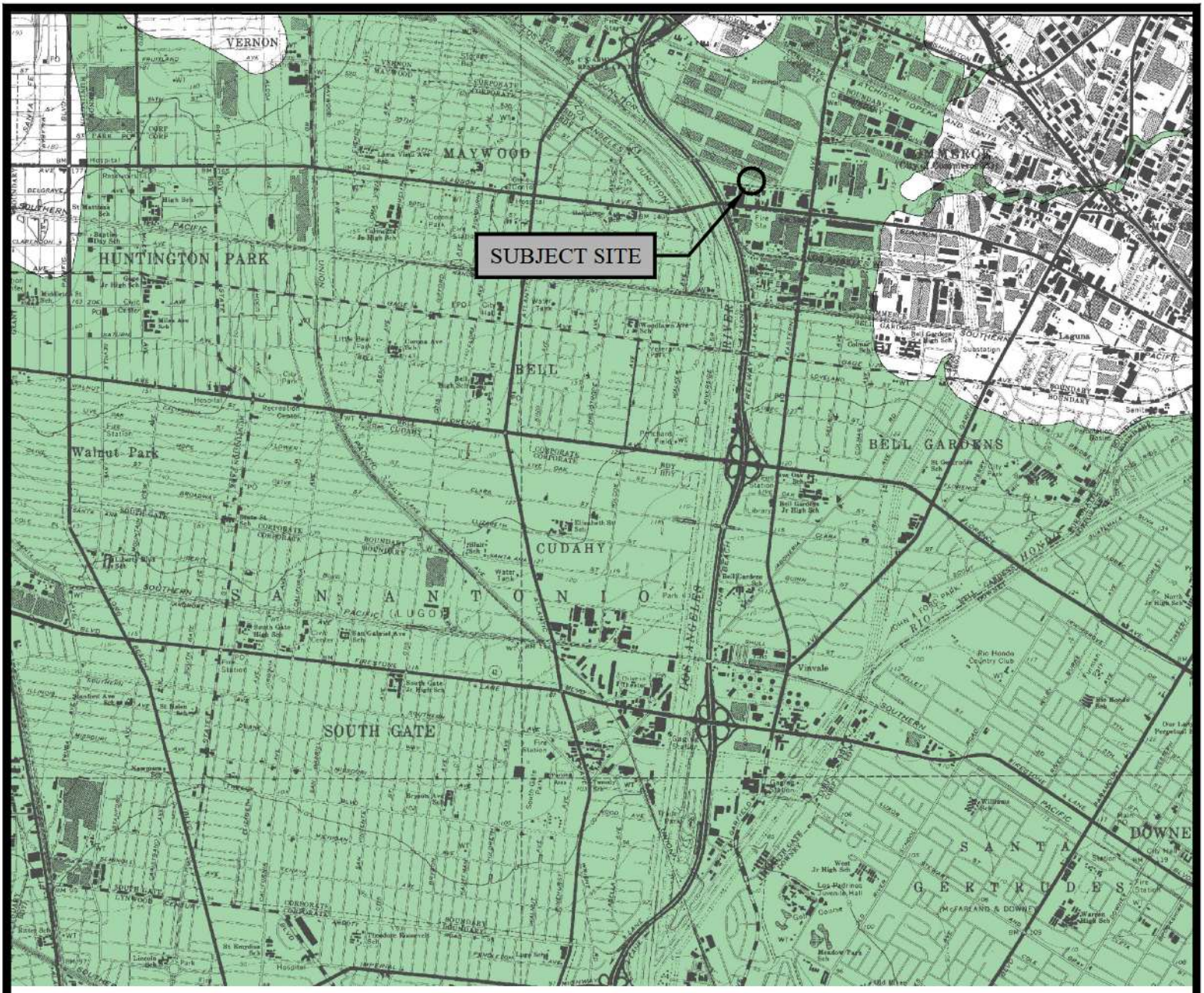
REFERENCE: SEISMIC HAZARD ZONE REPORT, 034 SOUTH GATE 7.5 - MINUTE QUADRANGLE, LOS ANGELES COUNTY, CALIFORNIA 1998

HISTORICALLY HIGHEST GROUNDWATER LEVELS

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LIQUEFACTION ZONE

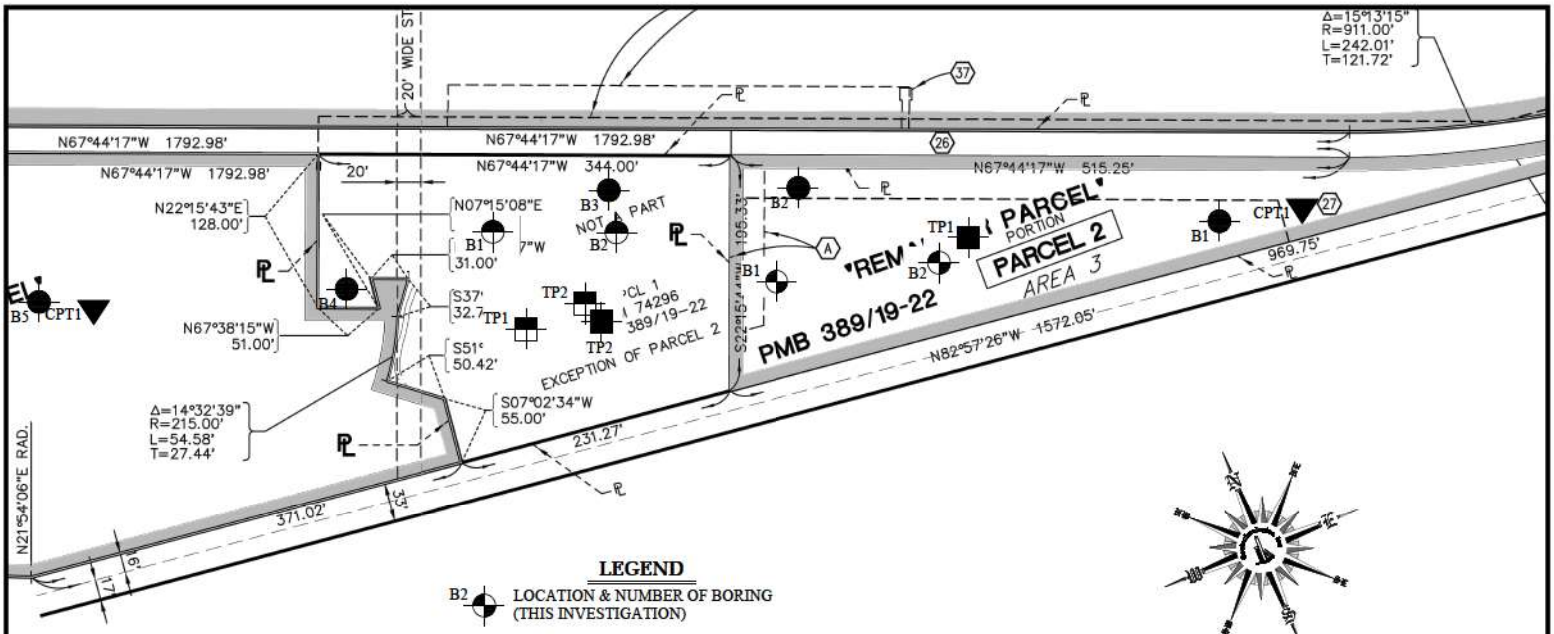
REFERENCE: SEISMIC HAZARD ZONE MAP, SOUTH GATE QUADRANGLE, CA 1999

SEISMIC HAZARD ZONE MAP

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THE SALVATION ARMY
5600 RICKENBACKER RD., BELL

FILE NO: 22259



LEGEND

- B2 — LOCATION & NUMBER OF BORING (THIS INVESTIGATION)
- B2 — LOCATION & NUMBER OF BORING (PREVIOUS INVESTIGATION FILE NO. 21179, 5/2016)
- B5 — LOCATION & NUMBER OF BORING (PREVIOUS INVESTIGATION FILE NO. 19372, 11/2007)
- TP2 — LOCATION & NUMBER OF TEST PIT (PREVIOUS INVESTIGATION FILE NO. 21179, 5/2016)
- TP2 — LOCATION & NUMBER OF TEST (PREVIOUS INVESTIGATION FILE NO. 19372, 11/2007)
- CPT2 — LOCATION & NUMBER OF CONE PENETROMETER TEST (PREVIOUS INVESTIGATION FILE NO. 19372, 11/2007)

SCALE IN FEET
0 80 160

REFERENCE: SURVEY PLAN BY THOMSEN ENGINEERING, INC.
DATED: 01/2022

PLOT PLAN

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Consulting Geotechnical Engineers

THE SALVATION ARMY
3600 RICKENBACKER RD., BELL

DRAWN BY: YD	FILE NO. 22259
DATE: MAY, 2022	

BORING LOG NUMBER 1

The Salvation Army **Date: 5/6/22**

File No. 22259 **Method: 8-Inch Diameter Hollow Stem Auger**

In

Sample Depth ft.	Blows per ft.	Moisture content %	Dry Density p.c.f.	Depth in feet	USCS Class.	Description Surface Conditions: Asphalt for parking, 3 Inch Asphalt, 3 Inch Base
				0 – 1 – 2 –		FILL: Silty Sand, dark brown, moist, medium dense, fine grained
2.5	10	34.4	84.2	3 – 4 –	SP/SM	Sand to Silty Sand, gray to dark gray, moist, medium dense, fine grained
5	5	13.9	SPT	5 – 6 – 7 –		
7.5	40	16.8	108.7	8 – 9 –	SM	Silty Sand, dark brown, moist, medium dense, fine grained
10	9	26.0	SPT	10 – 11 –	SM/ML	Silty Sand to Sandy Silt, dark gray and gray, moist, stiff, medium dense, fine grained
12.5	24	21.0	106.3	12 – 13 – 14 –		
15	18	14.8	SPT	15 – 16 –	ML	Sandy Silt, dark and grayish brown, moist, stiff
17.5	43	18.2	114.8	17 – 18 – 19 –		Sandy to Clayey Silt, dark and yellowish brown, moist, stiff
20	17	18.1	SPT	20 – 21 –	SM	Silty Sand, dark brown and gray, moist, medium dense, fine grained
22.5	84	12.0	116.3	22 – 23 – 24 –	SM/SP	Silty Sand to Sand, dark and yellowish brown, moist, very dense, fine grained
25	19	24.3	SPT	25 –	SM/ML	Silty Sand to Sandy Silt, dark brown, moist, medium dense, fine grained, stiff

BORING LOG NUMBER 1

The Salvation Army

File No. 22259

In

Sample Depth ft.	Blows per ft.	Moisture content %	Dry Density p.c.f.	Depth in feet	USCS Class.	Description
				26		
				27		
27.5	42 50/5"	3.9	108.4	28	SP	Sand, dark and yellowish brown, moist, very dense, fine grained
				29		
30	37	1.9	SPT	30		
				31		
				32		
32.5	45 50/5"	3.5	108.8	33		
				34		
35	32	1.8	SPT	35		Sand, gray and yellowish brown, moist, medium dense, fine to medium grained
				36		
				37		NOTE: The stratification lines represent the approximate boundary between earth types; the transition may be gradual.
37.5	76	3.6	113.2	38		
				39		Used 8-inch diameter Hollow-Stem Auger 140-lb. Automatic Hammer, 30-inch drop Modified California Sampler used unless otherwise noted
40	45	2.6	SPT	40		SPT=Standard Penetration Test
				41		
				42		
42.5	30 50/5"	5.8	101.2	43		Sand, yellow and dark brown, moist, very dense, fine grained
				44		
45	23	32.4	SPT	45	ML	Sandy Silt, yellow and grayish brown, moist, stiff
				46		
				47		
47.5	48	24.7	100.4	48	ML/CL	Clayey Silt to Silty Clay, dark brown, moist, stiff
				49		
50	16	23.3	SPT	50		Total Depth: 50 Feet No Water Fill To 2.5 Feet

BORING LOG NUMBER 2

The Salvation Army **Date: 5/6/22**

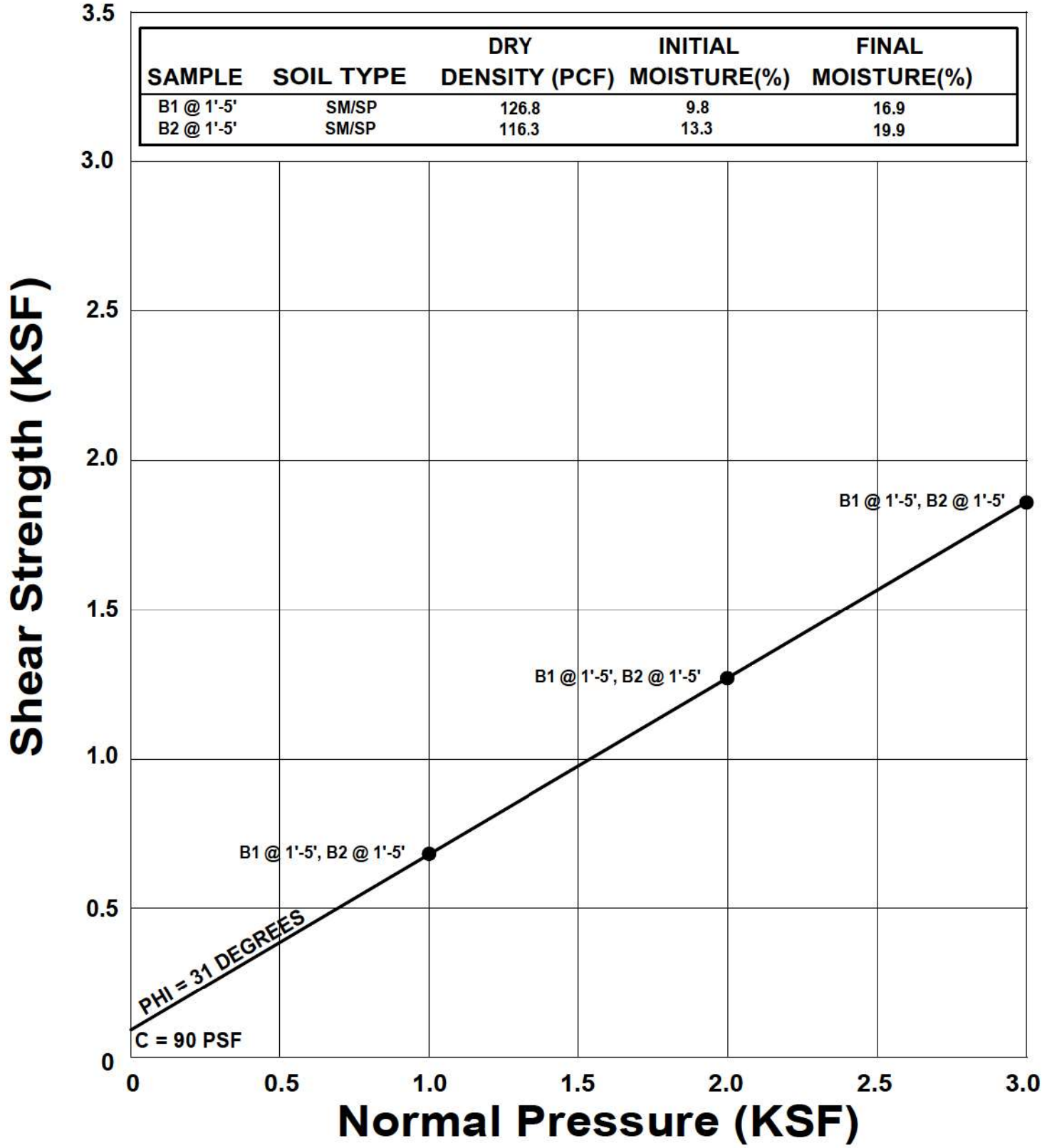
File No. 22259 **Method: 8-Inch Diameter Hollow Stem Auger**

In

Sample Depth ft.	Blows per ft.	Moisture content %	Dry Density p.c.f.	Depth in feet	USCS Class.	Description Surface Conditions: Asphalt For Parking
				0		3 Inch Asphalt, 3 Inch Base
				1		FILL: Silty Sand, dark brown, moist, medium dense, fine grained
				2		
2.5	8	26.4	85.3	3	SP	Sand, dark and yellowish brown, moist, medium dense, fine grained
				4		
5	18	19.2	104.8	5	SP/SM	Sand to Silty Sand, yellow and dark brown, moist, medium dense, fine grained
				6		
				7		
7.5	19	20.8	105.4	8	SM	Silty Sand, dark gray, moist, medium dense, fine grained
				9		
10	16	29.5	92.2	10	ML	Sandy Silt, dark and yellowish brown, moist, stiff
				11		
				12		
				13		
				14		
15	31	14.5	122.7	15		Sandy to Clayey Silt, dark brown, moist, stiff
				16		
				17		
				18		
				19	SM	Silty Sand, dark and grayish brown, moist, medium dense, fine grained
20	46	19.8	106.6	20		
				21		Total Depth: 20 Feet No Water Fill To 2.5 Feet
				22		
				23		NOTE: The stratification lines represent the approximate boundary between earth types; the transition may be gradual.
				24		Used 8-inch diameter Hollow-Stem Auger 140-lb. Automatic Hammer, 30-inch drop Modified California Sampler used unless otherwise noted
				25		

BULK SAMPLE REMOLDED TO 90 PERCENT OF THE MAXIMUM LABORATORY DENSITY

SAMPLE	SOIL TYPE	DRY DENSITY (PCF)	INITIAL MOISTURE(%)	FINAL MOISTURE(%)
B1 @ 1'-5'	SM/SP	126.8	9.8	16.9
B2 @ 1'-5'	SM/SP	116.3	13.3	19.9



● Direct Shear, Saturated

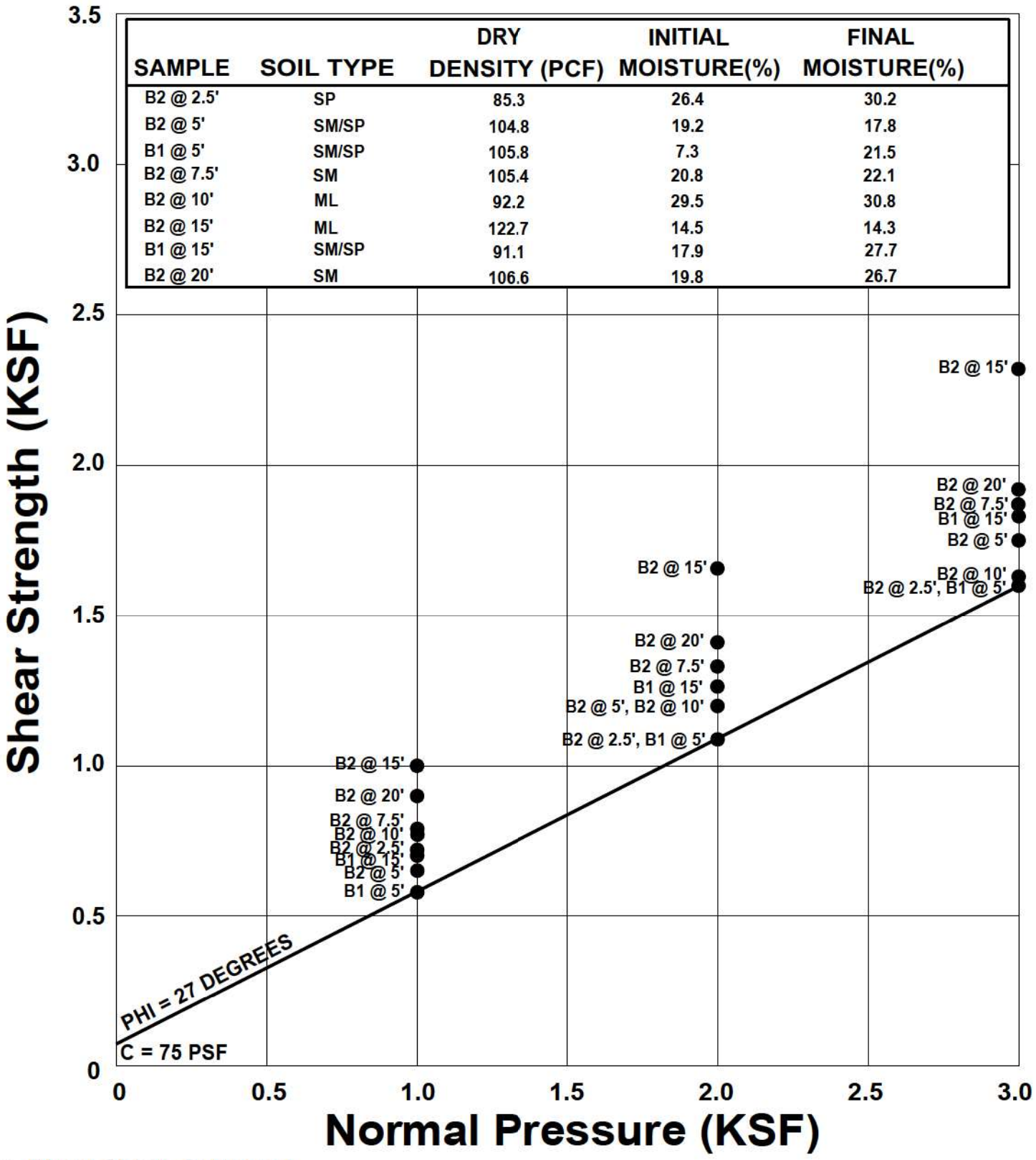
SHEAR TEST DIAGRAM

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THE SALVATION ARMY
5600 RICKENBACKER ROAD, BELL

FILE NO. 22259 | PLATE: B-1

SAMPLE	SOIL TYPE	DRY DENSITY (PCF)	INITIAL MOISTURE(%)	FINAL MOISTURE(%)
B2 @ 2.5'	SP	85.3	26.4	30.2
B2 @ 5'	SM/SP	104.8	19.2	17.8
B1 @ 5'	SM/SP	105.8	7.3	21.5
B2 @ 7.5'	SM	105.4	20.8	22.1
B2 @ 10'	ML	92.2	29.5	30.8
B2 @ 15'	ML	122.7	14.5	14.3
B1 @ 15'	SM/SP	91.1	17.9	27.7
B2 @ 20'	SM	106.6	19.8	26.7



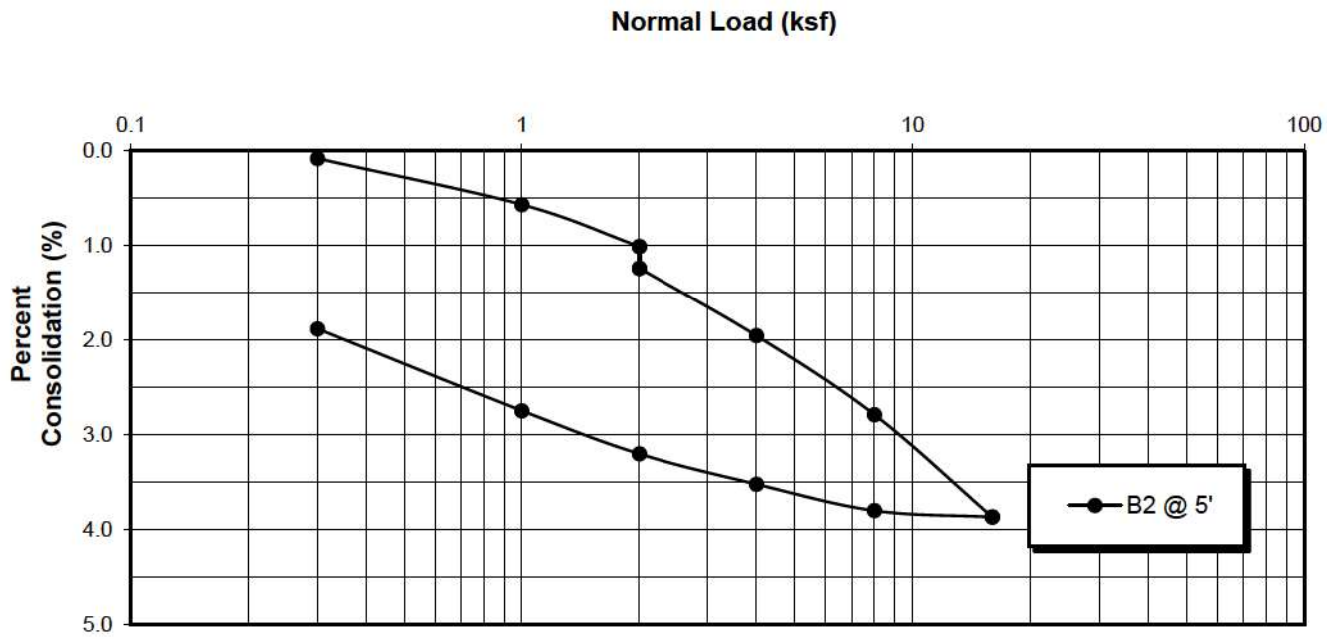
● Direct Shear, Saturated

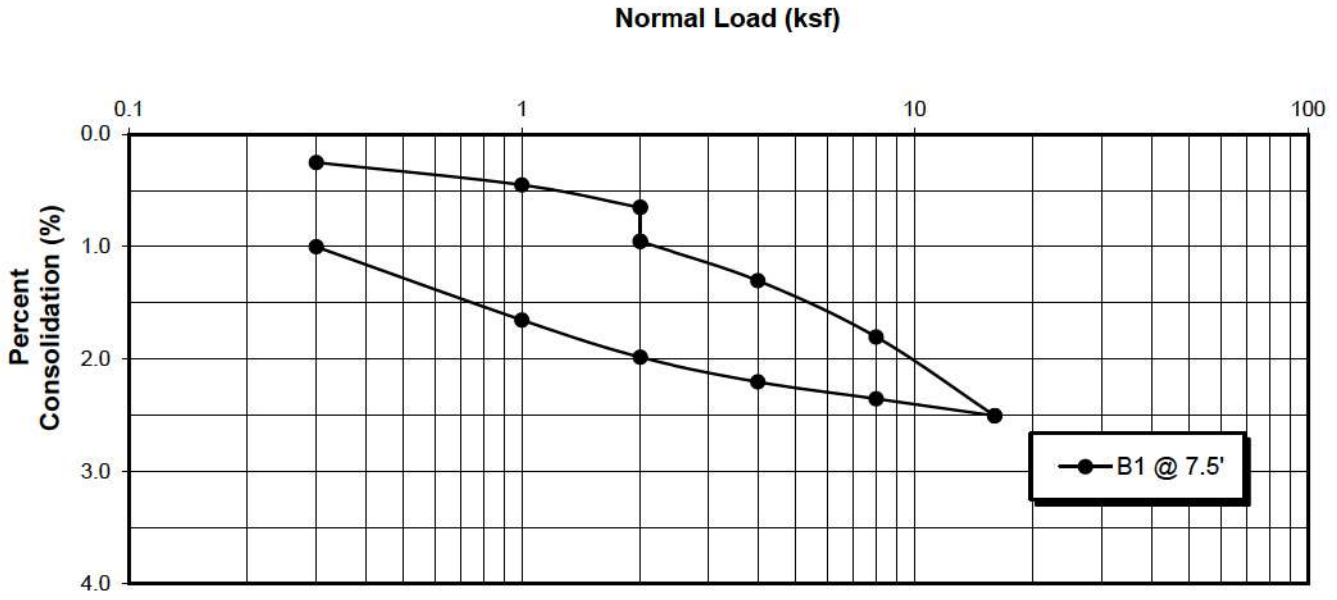
SHEAR TEST DIAGRAM

Geotechnologies, Inc.
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THE SALVATION ARMY
5600 RICKENBACKER ROAD, BELL

FILE NO. 22259 | **PLATE: B-2**





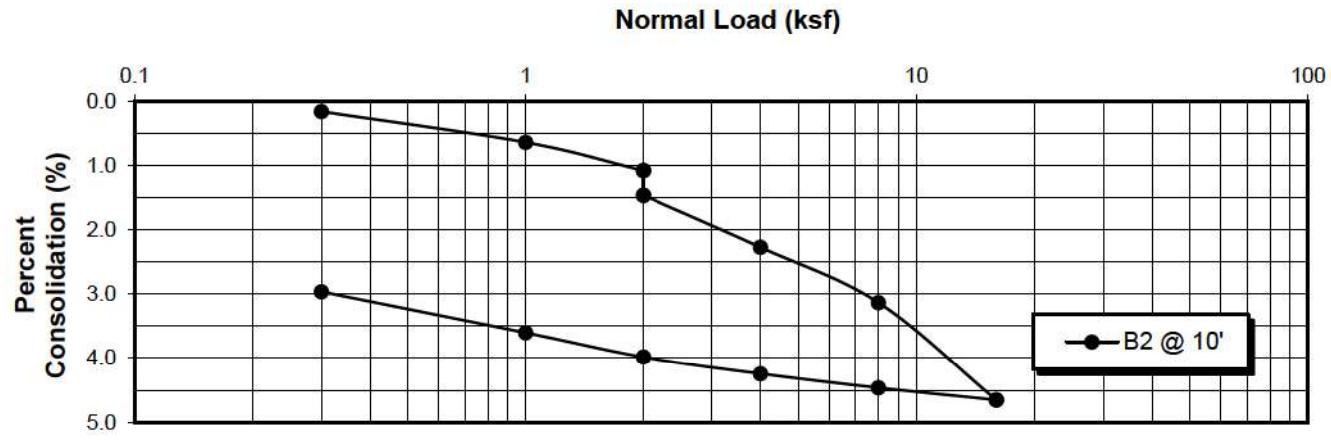
Water added at 2 KSF

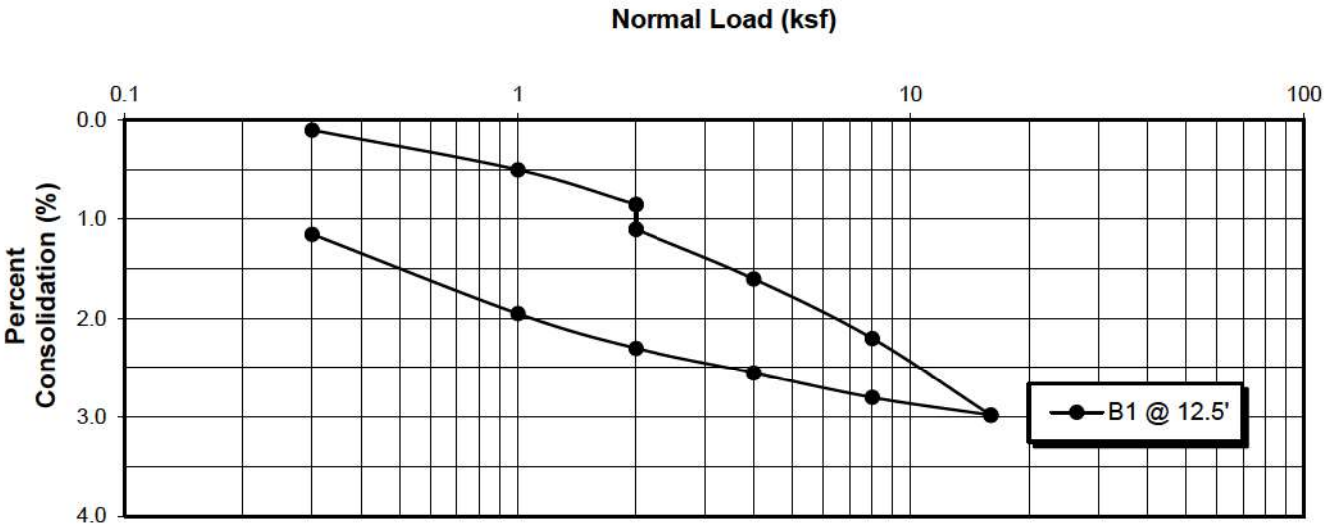
CONSOLIDATION

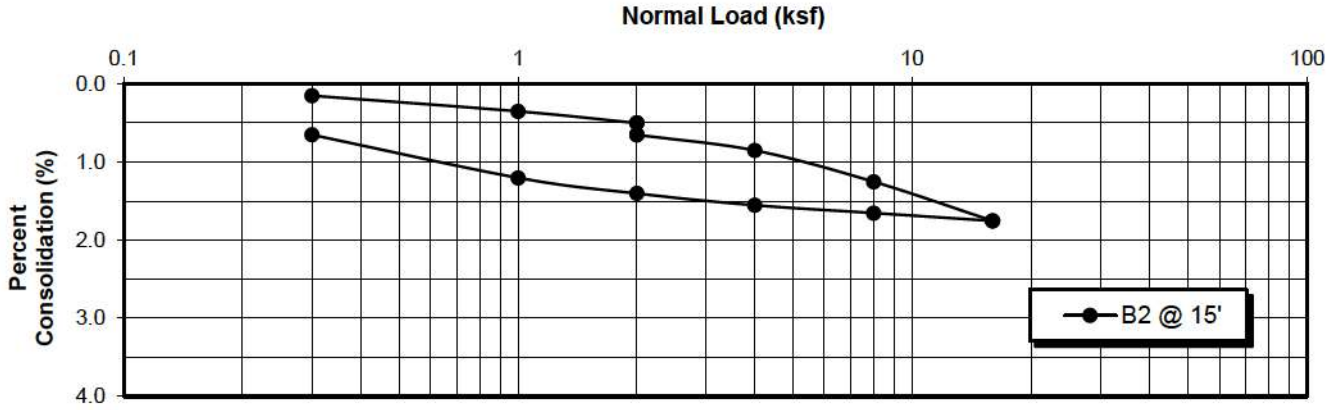
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PROJECT: The Salvation Army

FILE NO.: 22259 | PLATE: C-1







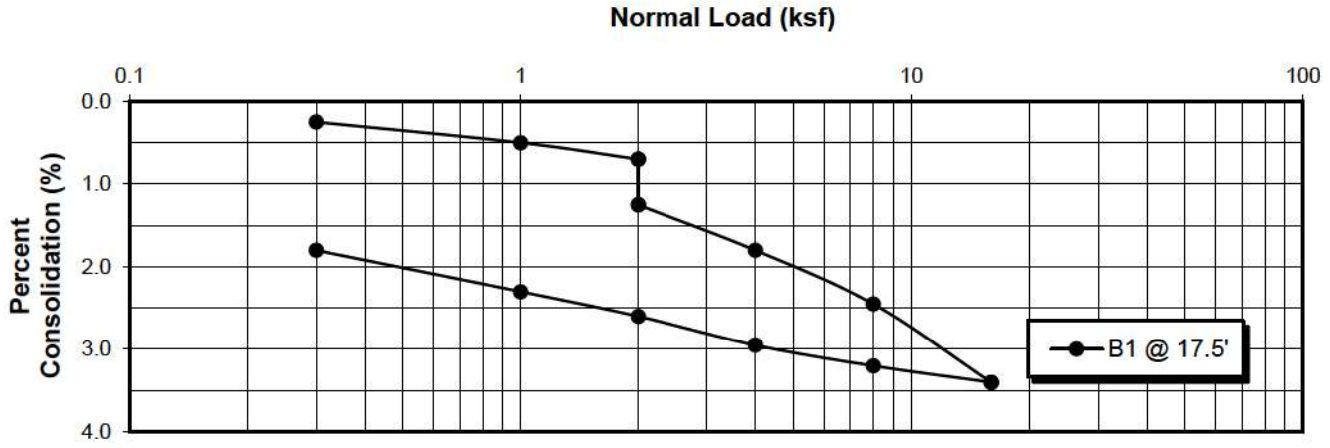
Water added at 2 KSF

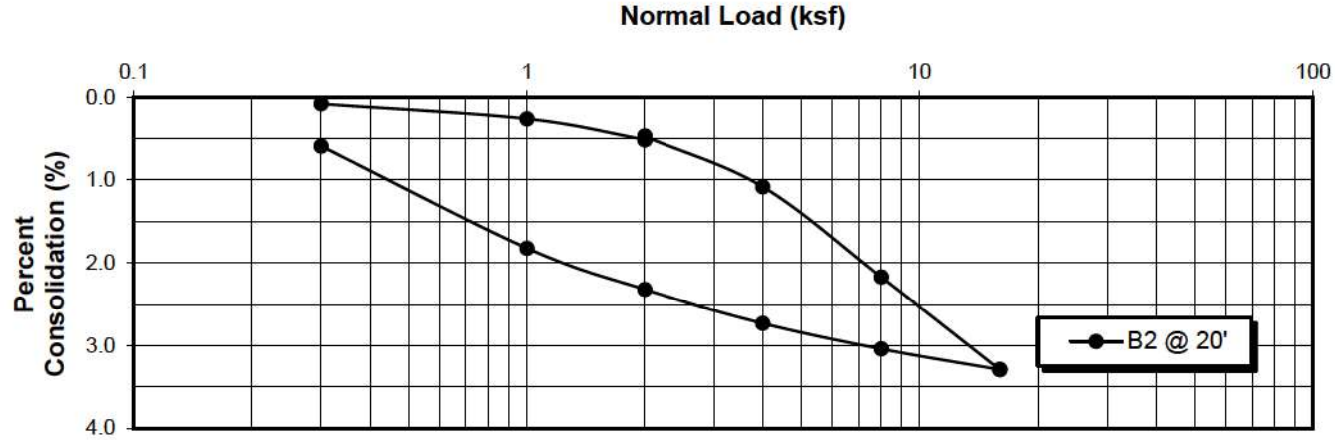
CONSOLIDATION

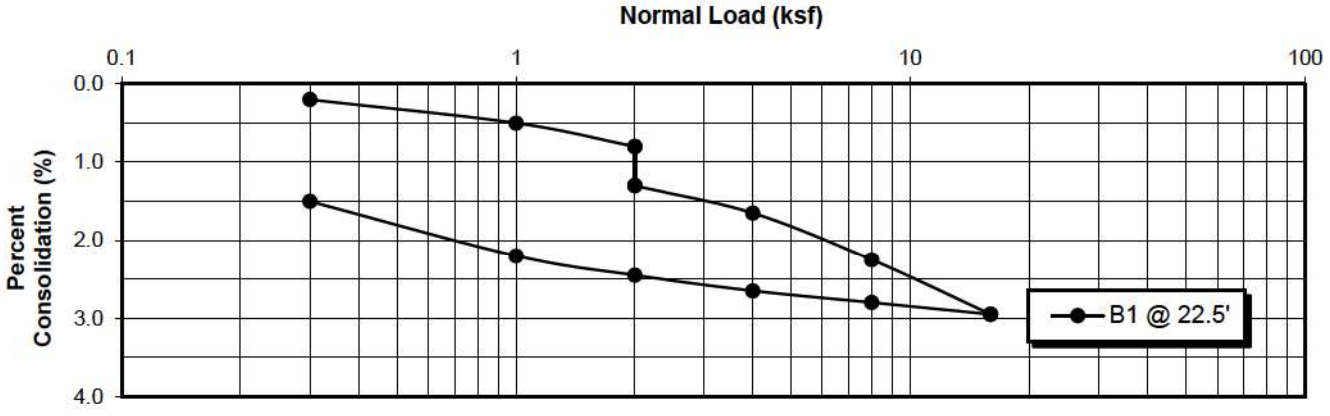
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PROJECT: The Salvation Army

FILE NO.: 22259 | PLATE: C-2







Water added at 2 KSF

CONSOLIDATION

Geotechnologies, Inc.
Consulting Geotechnical Engineers

PROJECT: The Salvation Army

FILE NO.: 22259 | PLATE: C-3

ASTM D-1557

SAMPLE	B1 @ 1'-5'	B2 @ 1'-5'
SOIL TYPE:	SM/SP	SM/SP
MAXIMUM DENSITY pcf.	126.8	116.3
OPTIMUM MOISTURE %	9.8	13.1

ASTM D 4829

SAMPLE	B1 @ 1'-5'	B2 @ 1'-5'
SOIL TYPE:	SM/SP	SM/SP
EXPANSION INDEX UBC STANDARD 18-2	7	4
EXPANSION CHARACTER	VERY LOW	VERY LOW

SULFATE CONTENT

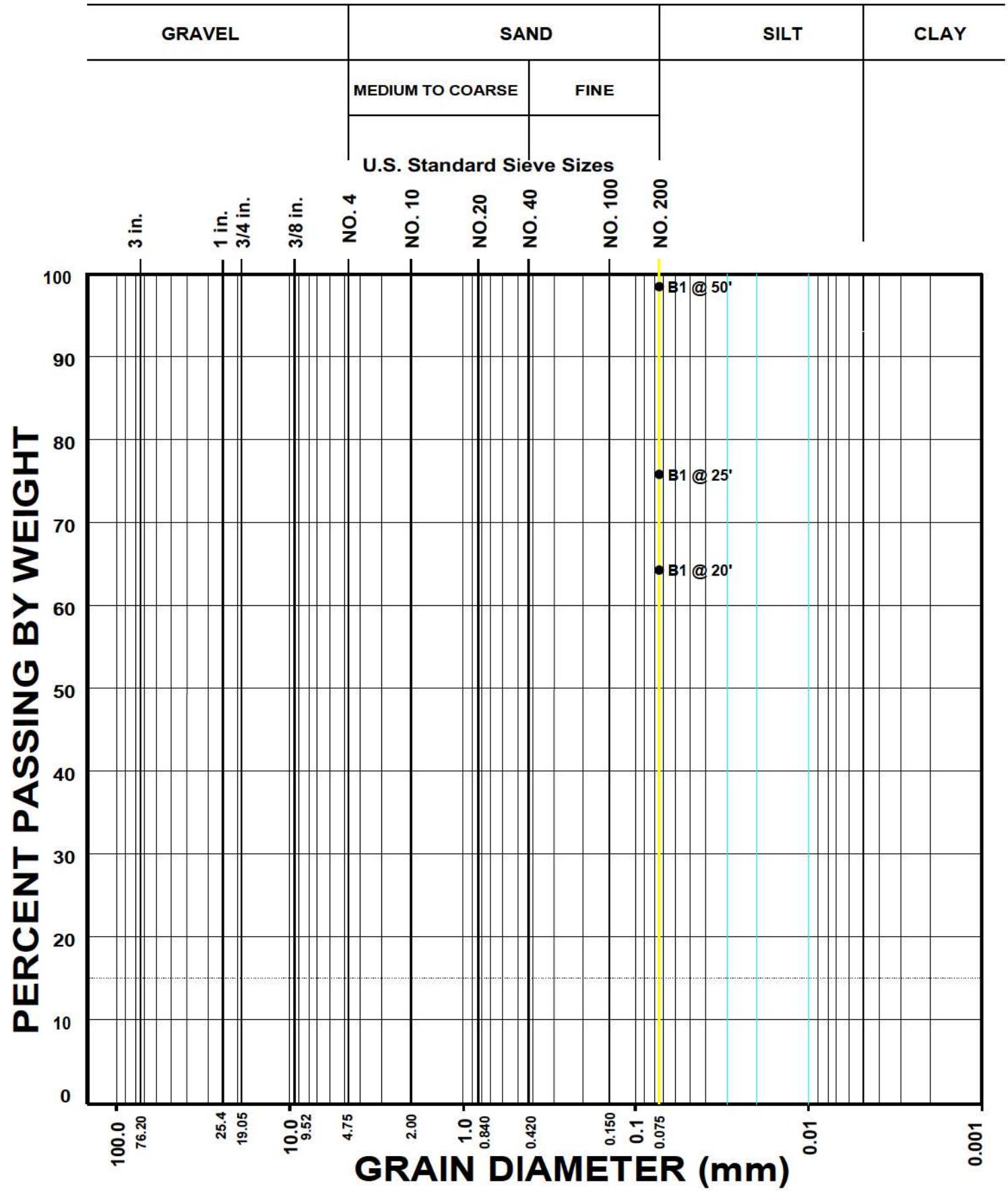
SAMPLE	B1 @ 1'-5'	B2 @ 1'-5'
SULFATE CONTENT: (percentage by weight)	< 0.10%	< 0.10%

COMPACTION/EXPANSION/SULFATE DATA SHEET

Geotechnologies, Inc.
Consulting Geotechnical Engineers

THE SALVATION ARMY
5600 RICKENBACKER ROAD, BELL

FILE NO. 22259 | PLATE: D

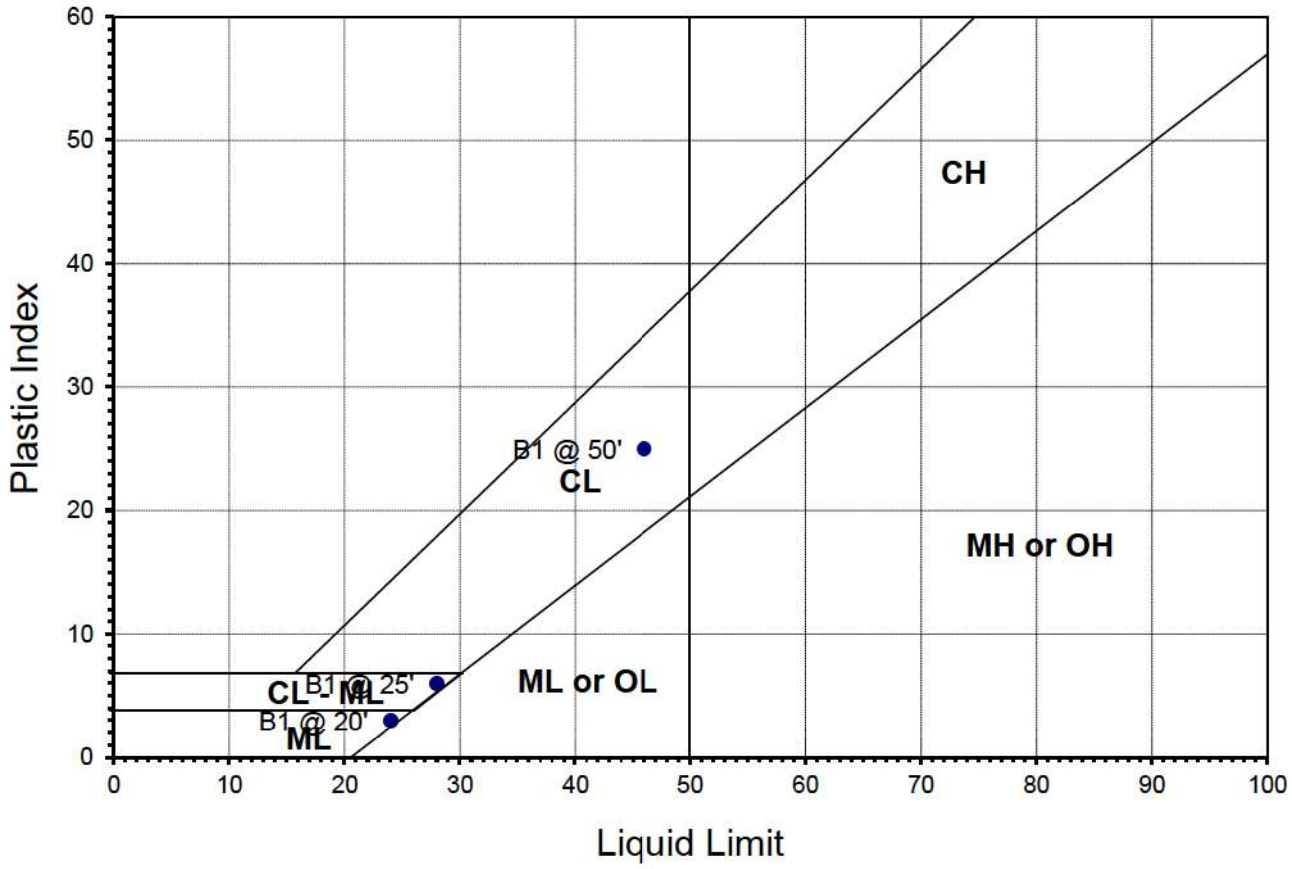


GRAIN SIZE DISTRIBUTION

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THE SALVATION ARMY
5600 RICKENBACKER ROAD, BELL

FILE NO. 22259 | **PLATE: E**



Sample ID	Descriptions	Passing #200	Liquid Limit	Plastic Limit	Plastic Index
B1 @ 20'	ML	64.3	24.0	21.0	3.0
B1 @ 25'	CL-ML	75.8	28.0	22.0	6.0
B1 @ 50'	CL	98.5	46.0	21.0	25.0

ATTERBERG LIMITS

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CONSULTING GEOTECHNICAL ENGINEERS

PROJECT: The Salvation Army

FILE NO.: 22259

PLATE: F-1

Geotechnologies, Inc.

Project: The Salvation Army
File No.: 22259
Description: Liquefaction Analysis
Boring Numbe 1

LIQUEFACTION EVALUATION (Idriss & Boulanger, EERI NO 12)

EARTHQUAKE INFORMATION:

Earthquake Magnitude (M):	6.9
Peak Ground Horizontal Acceleration, PGA (g):	0.86
Calculated Mag.Wtg.Factor:	1.181

GROUNDWATER INFORMATION:

Current Groundwater Level (ft):	51.0
Historically Highest Groundwater Level* (ft):	18.0
Unit Weight of Water (pcf):	62.4

* Based on California Geological Survey Seismic Hazard Evaluation Report

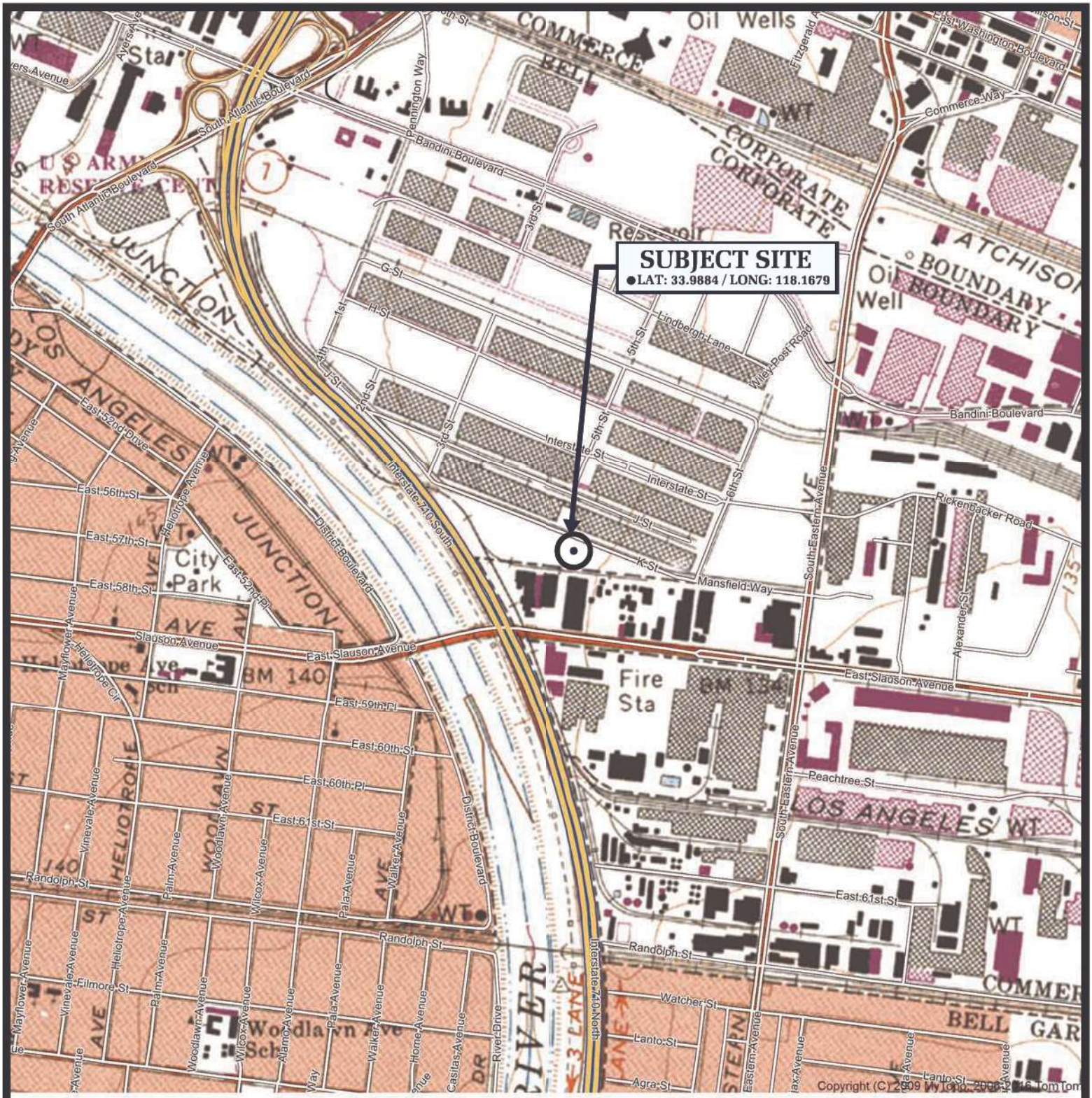
BOREHOLE AND SAMPLER INFORMATION:

Borehole Diameter (inches):	8
SPT Sampler with room for Liner (Y/N):	Y

LIQUEFACTION BOUNDARY:

Plastic Index Cut Off (PI):	18
Minimum Liquefaction FS:	1.3

Depth to Base Layer (feet)	Total Unit Weight (pcf)	Current Water Level (feet)	Historical Water Level (feet)	Field SPT Blowcount N	Depth of SPT Blowcount (feet)	Fines Content #200 Sieve (%)	Plastic Index (PI)	Vetical Stress σ_{vc} (psf)	Effective Vert. Stress σ_{vc}' (psf)	Fines Corrected $(N_1)_{60\text{-}cs}$	Stress Reduction Coeff, r_d	Cyclic Shear Ratio CSR	Cyclic Resistance Ratio (CRR)	Factor of Safety CRR/CSR (F.S.)	Liquefaction Settlment ΔS_i (inches)
1	113.1	Unsaturated	Unsaturated	5	5	0.0	0	113.1	113.1	10.1	1.00	0.560	0.154	Non-Liq.	0.00
2	113.1	Unsaturated	Unsaturated	5	5	0.0	0	226.2	226.2	10.1	1.00	0.558	0.154	Non-Liq.	0.00
3	113.1	Unsaturated	Unsaturated	5	5	0.0	0	339.3	339.3	10.1	1.00	0.557	0.154	Non-Liq.	0.00
4	113.1	Unsaturated	Unsaturated	5	5	0.0	0	452.4	452.4	10.1	0.99	0.555	0.154	Non-Liq.	0.00
5	113.1	Unsaturated	Unsaturated	5	5	0.0	0	565.5	565.5	10.8	0.99	0.553	0.160	Non-Liq.	0.00
6	113.1	Unsaturated	Unsaturated	5	5	0.0	0	678.6	678.6	10.8	0.99	0.551	0.160	Non-Liq.	0.00
7	113.1	Unsaturated	Unsaturated	5	5	0.0	0	791.7	791.7	10.8	0.98	0.549	0.159	Non-Liq.	0.00
8	127.1	Unsaturated	Unsaturated	9	10	0.0	0	918.8	918.8	18.5	0.98	0.546	0.246	Non-Liq.	0.00
9	127.1	Unsaturated	Unsaturated	9	10	0.0	0	1045.9	1045.9	18.3	0.98	0.544	0.239	Non-Liq.	0.00
10	127.1	Unsaturated	Unsaturated	9	10	0.0	0	1173.0	1173.0	17.1	0.97	0.542	0.221	Non-Liq.	0.00
11	127.1	Unsaturated	Unsaturated	9	10	0.0	0	1300.1	1300.1	16.1	0.97	0.540	0.207	Non-Liq.	0.00
12	127.1	Unsaturated	Unsaturated	9	10	0.0	0	1427.2	1427.2	15.3	0.96	0.537	0.195	Non-Liq.	0.00
13	128.6	Unsaturated	Unsaturated	18	15	0.0	0	1555.8	1555.8	30.9	0.96	0.535	0.692	Non-Liq.	0.00
14	128.6	Unsaturated	Unsaturated	18	15	0.0	0	1684.4	1684.4	29.8	0.95	0.532	0.584	Non-Liq.	0.00
15	128.6	Unsaturated	Unsaturated	18	15	0.0	0	1813.0	1813.0	32.8	0.95	0.530	0.893	Non-Liq.	0.00
16	128.6	Unsaturated	Unsaturated	18	15	0.0	0	1941.6	1941.6	31.8	0.94	0.527	0.749	Non-Liq.	0.00
17	128.6	Unsaturated	Unsaturated	18	15	0.0	0	2070.2	2070.2	30.9	0.94	0.524	0.647	Non-Liq.	0.00
18	135.7	Unsaturated	Unsaturated	17	20	64.3	3	2205.9	2205.9	33.6	0.93	0.521	0.988	Non-Liq.	0.00
19	135.7	Unsaturated	Saturated	17	20	64.3	3	2341.6	2279.2	33.2	0.93	0.533	0.910	1.7	0.00
20	135.7	Unsaturated	Saturated	17	20	64.3	3	2477.3	2352.5	32.8	0.92	0.543	0.843	1.6	0.00
21	135.7	Unsaturated	Saturated	17	20	64.3	3	2613.0	2425.8	32.4	0.92	0.552	0.786	1.4	0.00
22	135.7	Unsaturated	Saturated	17	20	64.3	3	2748.7	2499.1	32.0	0.91	0.561	0.737	1.3	0.00
23	130.2	Unsaturated	Saturated	19	25	75.8	6	2878.9	2566.9	35.5	0.91	0.569	1.391	2.4	0.00
24	130.2	Unsaturated	Saturated	19	25	75.8	6	3009.1	2634.7	35.2	0.90	0.576	1.285	2.2	0.00
25	130.2	Unsaturated	Saturated	19	25	75.8	6	3139.3	2702.5	34.9	0.90	0.582	1.193	2.0	0.00
26	130.2	Unsaturated	Saturated	19	25	75.8	6	3269.5	2770.3	34.6	0.89	0.588	1.112	1.9	0.00
27	130.2	Unsaturated	Saturated	19	25	75.8	6	3399.7	2838.1	34.2	0.89	0.593	1.042	1.8	0.00
28	112.7	Unsaturated	Saturated	37	30	0.0	0	3512.4	2888.4	63.7	0.88	0.598	2.000	3.3	0.00
29	112.7	Unsaturated	Saturated	37	30	0.0	0	3625.1	2938.7	63.4	0.88	0.603	2.000	3.3	0.00
30	112.7	Unsaturated	Saturated	37	30	0.0	0	3737.8	2989.0	63.1	0.87	0.607	2.000	3.3	0.00
31	112.7	Unsaturated	Saturated	37	30	0.0	0	3850.5	3039.3	62.8	0.86	0.611	2.000	3.3	0.00
32	112.7	Unsaturated	Saturated	37	30	0.0	0	3963.2	3089.6	62.5	0.86	0.614	2.000	3.3	0.00
33	112.7	Unsaturated	Saturated	32	35	0.0	0	4075.9	3139.9	53.9	0.85	0.617	2.000	3.2	0.00
34	112.7	Unsaturated	Saturated	32	35	0.0	0	4188.6	3190.2	53.6	0.85	0.620	2.000	3.2	0.00
35	112.7	Unsaturated	Saturated	32	35	0.0	0	4301.3	3240.5	53.4	0.84	0.623	2.000	3.2	0.00
36	112.7	Unsaturated	Saturated	32	35	0.0	0	4414.0	3290.8	53.2	0.84	0.625	2.000	3.2	0.00
37	112.7	Unsaturated	Saturated	32	35	0.0	0	4526.7	3341.1	53.0	0.83	0.627	2.000	3.2	0.00
38	117.3	Unsaturated	Saturated	45	40	0.0	0	4644.0	3396.0	74.2	0.82	0.628	2.000	3.2	0.00
39	117.3	Unsaturated	Saturated	45	40	0.0	0	4761.3	3450.9	73.9	0.82	0.629	2.000	3.2	0.00
40	117.3	Unsaturated	Saturated	45	40	0.0	0	4878.6	3505.8	73.6	0.81	0.630	2.000	3.2	0.00
41	117.3	Unsaturated	Saturated	45	40	0.0	0	4995.9	3560.7	73.3	0.81	0.631	1.997	3.2	0.00
42	117.3	Unsaturated	Saturated	45	40	0.0	0	5113.2	3615.6	73.0	0.80	0.631	1.986	3.1	0.00
43	107.1	Unsaturated	Saturated	23	45	0.0	0	5220.3	3660.3	35.6	0.79	0.632	1.274	2.0	0.00
44	107.1	Unsaturated	Saturated	23	45	0.0	0	5327.4	3705.0	35.5	0.79	0.632	1.225	1.9	0.00
45	107.1	Unsaturated	Saturated	23	45	0.0	0	5434.5	3749.7	35.3	0.78	0.633	1.181	1.9	0.00
46	107.1	Unsaturated	Saturated	23	45	0.0	0	5541.6	3794.4	35.1	0.78	0.633	1.138	1.8	0.00
47	107.1	Unsaturated	Saturated	23	45	0.0	0	5648.7	3839.1	35.0	0.77	0.633	1.099	1.7	0.00
48	125.3	Unsaturated	Saturated	16	50	98.5	25	5774.0	3902.0	26.8	0.77	0.632	0.356	Non-Liq.	0.00
49	125.3	Unsaturated	Saturated	16	50	98.5	25	5899.3	3964.9	26.6	0.76	0.631	0.350	Non-Liq.	0.00
50	125.3	Unsaturated	Saturated	16	50	98.5	25	6024.6	4027.8	26.4	0.75	0.629	0.345	Non-Liq.	0.00
												Total Liquefaction Settlement, S =			0.00 inches



SCALE 1:12000

0.0 0.1 0.2 0.3 0.4 0.5 0.6
MILES
0 1000 2000 3000
FEET

REFERENCE: U.S.G.S. TOPOGRAPHIC MAPS, 7.5 MINUTE SERIES, SOUTH GATE, CA QUADRANGLE

VICINITY MAP

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Consulting Geotechnical Engineers

THE SALVATION ARMY
SOCAL DIVISION

FILE NO. 21179



ONE MILE

SCALE

20 Depth to groundwater in feet

REFERENCE: CDMG, SEISMIC HAZARD ZONE REPORT, 034
SOUTH GATE 7.5 - MINUTE QUADRANGLE, LOS ANGELES COUNTY, CALIFORNIA (1998, REVISED 2006)

HISTORICALLY HIGHEST GROUNDWATER LEVELS

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THE SALVATION ARMY
SOCAL DIVISION

FILE NO. 21179



SCALE 1:24,000

1 .5 0 1 MILE

1000 0 1000 2000 3000 4000 5000 6000 7000 FEET

1 .5 0 1 KILOMETER

N

LIQUEFACTION AREA

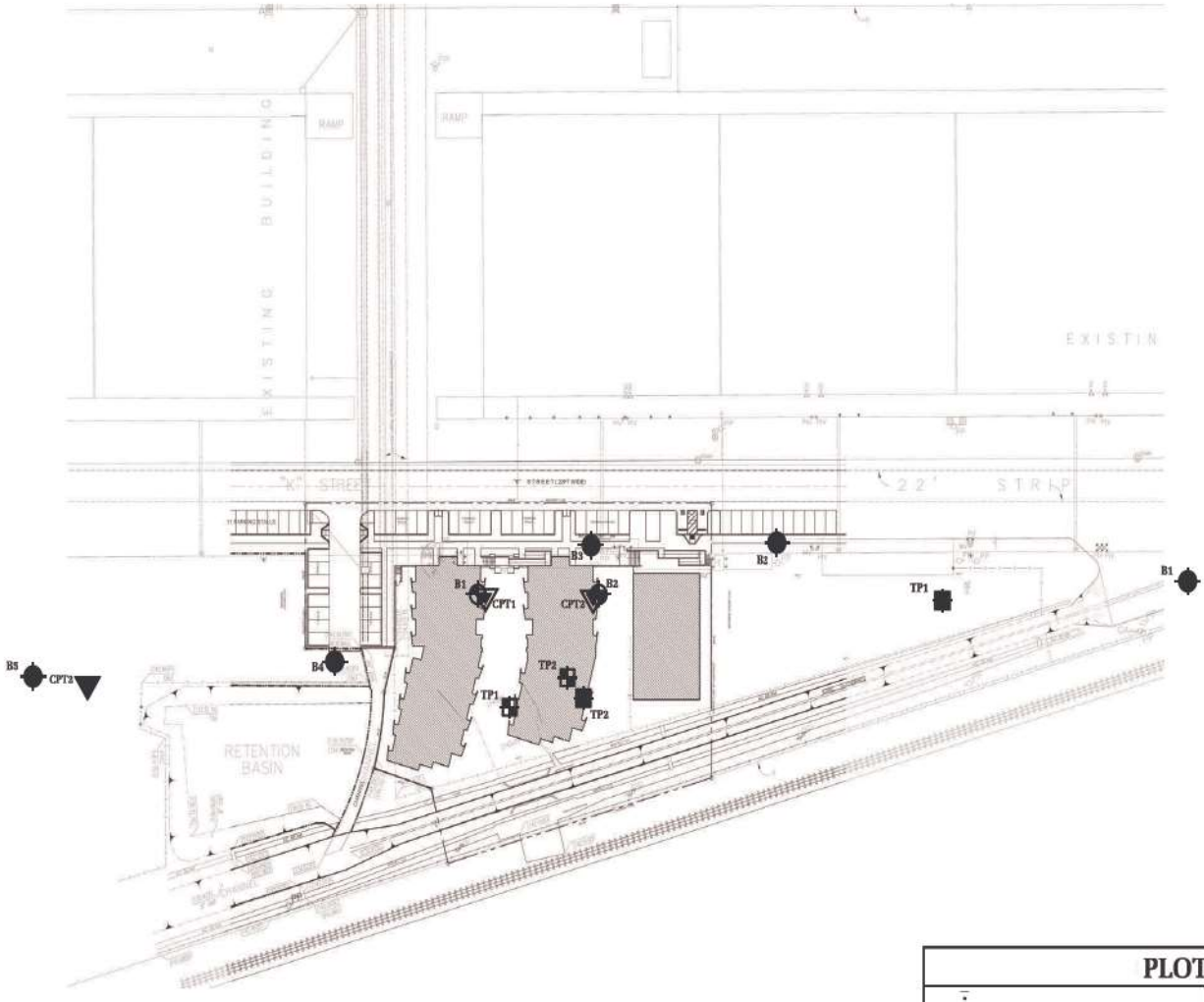
REFERENCE: SEISMIC HAZARD ZONES, SOUTH GATE QUADRANGLE OFFICIAL MAP (CDMG, 1999)

SEISMIC HAZARD ZONE MAP

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THE SALVATION ARMY
SOCAL DIVISION

FILE NO. 21179





LEGEND

- B2 — LOCATION & NUMBER OF BORING
- TP2 — LOCATION & NUMBER OF TEST PIT
- CPT2 — LOCATION & NUMBER OF CONE PENETROMETER TEST
- B5 — LOCATION & NUMBER OF BORING (PREVIOUS INVESTIGATION, FILE NO. 19372)
- TP2 — LOCATION & NUMBER OF TEST PIT (PREVIOUS INVESTIGATION, FILE NO. 19372)
- CPT2 — LOCATION & NUMBER OF CONE PENETROMETER TEST (PREVIOUS INVESTIGATION, FILE NO. 19372)

REFERENCE: OVERALL SITE PLAN BY CAREY TEN ARCHITECTS DATED MARCH 7, 2016

PLOT PLAN

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Consulting Geotechnical Engineers

THE SALVATION ARMY
SOCAL DIVISION

FILE No. 21179 | DRAWN BY: TC

DATE: May '16

BORING LOG NUMBER 1

Salvation Army **Date: 03/14/16**

File No. 21179 **Method: 8-inch diameter Hollow Stem Auger**

km

Sample Depth ft.	Blows per ft.	Moisture content %	Dry Density p.c.f.	Depth in feet	USCS Class.	Description Surface Conditions: Asphalt
				0 --		3-inch Asphalt over 1-inch Base over 3-inch Asphalt
				-		
				1 --		FILL: Silty Sand, dark and yellowish brown, moist, medium dense, fine grained
				-		
				2 --		
2.5	48	4.5	97.2	-		
				3 --		
				-	SP	Sand, dark and grayish brown, moist, medium dense, fine grained
				4 --		
				-		
5	16	5.8	SPT	5 --		
				-	SM	Silty Sand, dark brown, moist, medium dense, fine grained
				6 --		
				-		
				7 --		
7.5	57	3.6	104.8	-		
				8 --	SP	Sand, yellow and grayish brown, moist, dense, fine grained
				-		
				9 --		
				-		
10	17	10.6	SPT	10 --		
				-	SM/ML	Silty Sand to Sandy Silt, dark and grayish brown, moist, medium dense, fine grained, stiff
				11 --		
				-		
				12 --		
12.5	62	9.4	100.2	-		
				13 --		
				-		
				14 --		
				-		
15	17	10.5	SPT	15 --		
				-		
				16 --		
				-		
				17 --		
17.5	63	13.8	117.5	-		
				18 --		
				-		
				19 --		
				-		
20	21	8.8	SPT	20 --		
				-		
				21 --		
				-		
				22 --		
22.5	56	15.3	118.2	-		
				23 --		
				-		
				24 --		
				-		
25	19	18.2	SPT	25 --		
				-	ML	Sandy to Clayey Silt, dark brown, moist, stiff

BORING LOG NUMBER 1

Salvation Army

File No. 21179

km

Sample Depth ft.	Blows per ft.	Moisture content %	Dry Density p.c.f.	Depth in feet	USCS Class.	Description
				26 --		
				27 --		
27.5	68	11.5	103.6	28 --	SM	Silty Sand to Sand, dark and grayish brown, moist, dense, fine grained
				29 --		
30	17	6.9	SPT	30 --	SM/SP	Sandy to Silty Sand, dark and yellowish brown, moist, medium dense, fine grained
				31 --		
				32 --		
32.5	86	3.6	106.1	33 --		Silty Sand to Sand, dark and grayish brown, moist, very dense, fine grained
				34 --		
35	21	12.7	SPT	35 --	SM/ML	Silty Sand to Sandy Silt, dark and grayish brown, moist, medium dense, fine grained, stiff
				36 --		
				37 --		
37.5	86	32.7	90.1	38 --	ML/CL	Clayey Silt to Silty Clay, dark grayish brown, moist, stiff
				39 --		
40	15	39.6	SPT	40 --	ML	Sandy to Clayey Silt, dark and yellowish brown, moist, stiff
				41 --		
				42 --		
42.5	75	22.8	99.9	43 --	SM/ML	Silty Sand to Sandy Silt, dark and grayish brown, moist, dense, fine grained, stiff
				44 --		
45	18	16.6	SPT	45 --		NOTE: The stratification lines represent the approximate boundary between earth types; the transition may be gradual. Used 8-inch diameter Hollow-Stem Auger 140-lb. Automatic Hammer, 30-inch drop Modified California Sampler used unless otherwise noted SPT=Standard Penetration Test
				46 --		
				47 --		
47.5	64	29.6	93.9	48 --	ML	Sandy to Clayey Silt, dark and grayish brown, moist, stiff
				49 --		
50	15	21.3	SPT	50 --		Total Depth 50 feet No Water Fill to 3 feet

BORING LOG NUMBER 2

Salvation Army **Date: 03/14/16**

File No. 21179 **Method: 8-inch diameter Hollow Stem Auger**

km

Sample Depth ft.	Blows per ft.	Moisture content %	Dry Density p.c.f.	Depth in feet	USCS Class.	Description Surface Conditions: Asphalt
				0 --		2½-inch Asphalt over 2-inch Base
				-		
				1 --		FILL: Silty Sand, dark brown, moist, medium dense, fine grained
				-		
				2 --		
2.5	23	0.5	101.1	-		
				3 --		
				-	SP	Sand, yellow and grayish brown, slightly moist, medium dense, fine grained
				4 --		
				-		
5	16	5.2	SPT	5 --		
				-	SM	Silty Sand, dark brown, moist, medium dense, fine grained
				6 --		
				-		
				7 --		
7.5	36	3.7	97.7	-		
				8 --	SM/SP	Silty Sand to Sand, dark and grayish brown, moist, medium dense, fine grained
				-		
				9 --		
				-		
10	19	6.3	SPT	10 --		
				-		
				11 --		
				-		
				12 --		
12.5	80	6.8	105.2	-		
				13 --	SM/ML	Silty Sand to Sandy Silt, dark and grayish brown, moist, dense, fine grained
				-		
				14 --		
				-		
15	19	14.3	SPT	15 --		
				-		
				16 --		
				-		
				17 --		
17.5	80	11.8	102.3	-		
				18 --		
				-		
				19 --		
				-		
20	29	6.3	SPT	20 --		
				-		
				21 --		
				-		
				22 --		
22.5	80	10.0	119.3	-		
				23 --		
				-		
				24 --		
				-		
25	30	9.1	SPT	25 --		
				-	ML	Sandy Silt to Silty Sand, dark and medium brown, moist, very dense, fine grained, very stiff

BORING LOG NUMBER 2

Salvation Army

File No. 21179

km

Sample Depth ft.	Blows per ft.	Moisture content %	Dry Density p.c.f.	Depth in feet	USCS Class.	Description
				26 --		
				27 --		
27.5	36 50/5"	4.7	106.8	28 --	SM/SP	Silty Sand to Sand, dark and grayish brown, moist
				29 --		
30	47	10.0	SPT	30 --	SM/ML	Silty Sand to Sandy Silt, dark and grayish brown, moist, medium dense to dense, fine grained, stiff
				31 --		
				32 --		
32.5	80	23.3	104.8	33 --	ML	Sandy Silt, dark and grayish brown, moist, very stiff
				34 --		
35	20	33.8	SPT	35 --		Sand to Clayey Silt, dark and grayish brown, moist, stiff
				36 --		
				37 --		
37.5	68	16.3	110.6	38 --	SM/ML	Silty Sand to Sandy Silt, with Clay, dark and grayish brown, moist, dense, fine grained, stiff
				39 --		
40	18	17.8	SPT	40 --		NOTE: The stratification lines represent the approximate boundary between earth types; the transition may be gradual. Used 8-inch diameter Hollow-Stem Auger 140-lb. Automatic Hammer, 30-inch drop Modified California Sampler used unless otherwise noted SPT=Standard Penetration Test
				41 --		
				42 --		
42.5	61	10.9	118.6	43 --	SM	Silty Sand, yellow and grayish brown, moist, dense, fine grained
				44 --		
45	27	26.4	SPT	45 --	SM/ML	Silty Sand to Sandy Silt, with Clay, dark and grayish brown, moist, medium dense, fine grained, stiff
				46 --		
				47 --		
47.5	44	23.3	99.7	48 --	ML/CL	Sandy Silt to Silty Clay, dark brown, moist, stiff
				49 --		
					ML	Sandy to Clayey Silt, dark and grayish brown, moist, stiff
50	19	22.2	SPT	50 --		Total Depth 50 feet No Water Fill to 3 feet

LOG OF TEST PIT NUMBER 1

Salvation Army **Drilling Date: 03/14/16**

File No. 21179 **Method: Hand Dug Test Pit**

km

Sample Depth ft.	Moisture Content %	Dry Density p.c.f.	Depth in feet	USCS Class.	Description Surface Conditions: Bare Ground
			0 --		FILL: Silty Sand to Sand, dark brown, moist, medium dense, fine grained
			1 --	SM/SP	Silty Sand to Sand, dark and grayish brown, moist, medium dense, fine grained
			2 --		
			3 --		
			4 --	SM	Silty Sand, dark brown, moist, medium dense, fine grained
			5 --		
			6 --		Total Depth 6 feet No Water Fill to 1 foot
			7 --		
			8 --		
			9 --		NOTE: The stratification lines represent the approximate boundary between earth types; the transition may be gradual.
			10 --		
			11 --		Used 4-inch diameter Hand-Augering Equipment; Hand Sampler
			12 --		
			13 --		
			14 --		
			15 --		
			16 --		
			17 --		
			18 --		
			19 --		
			20 --		
			21 --		
			22 --		
			23 --		
			24 --		
			25 --		

LOG OF TEST PIT NUMBER 2

Salvation Army **Drilling Date: 03/14/16**

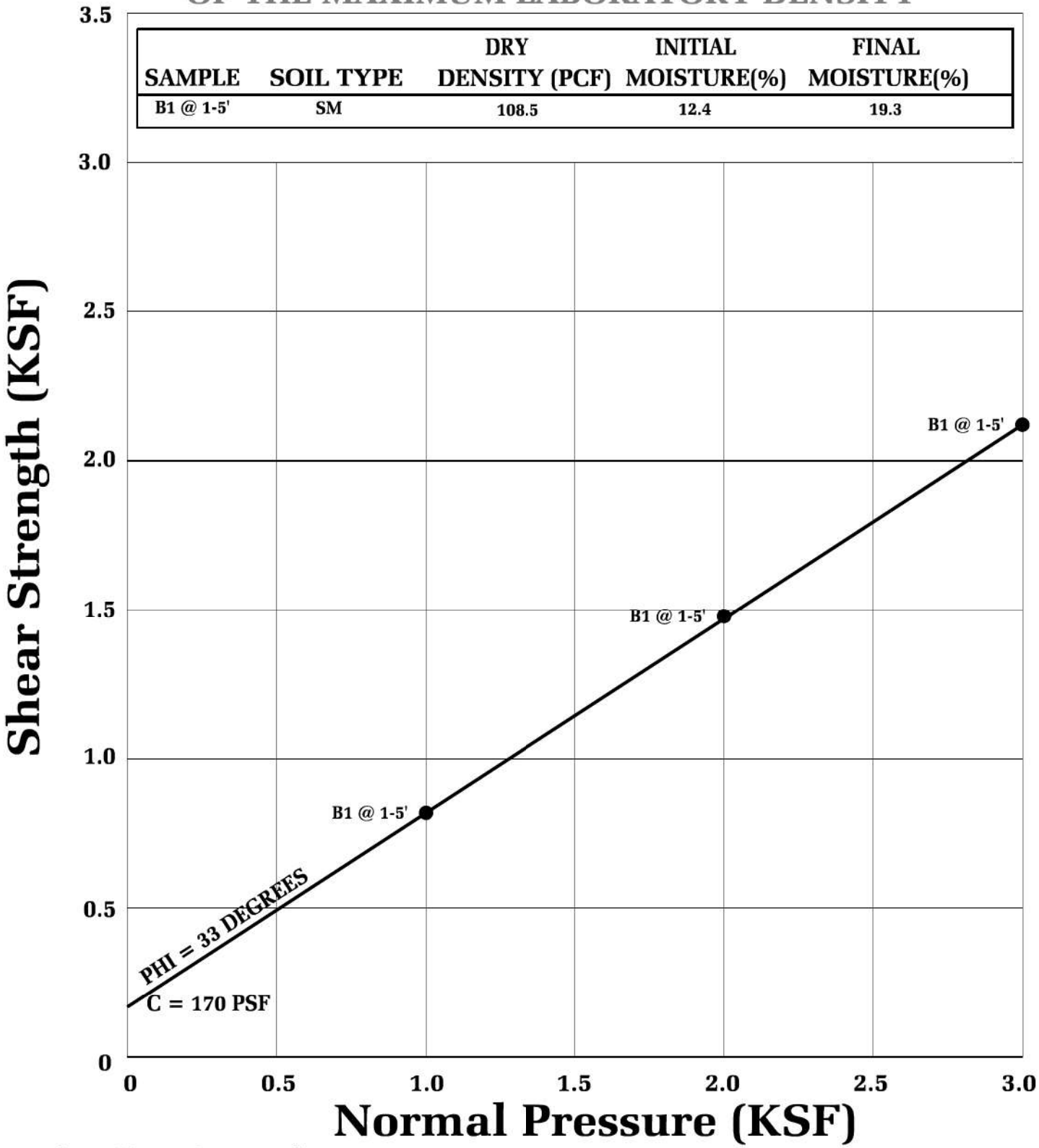
File No. 21179 **Method: Hand Dug Test Pit**

km

Sample Depth ft.	Moisture Content %	Dry Density p.c.f.	Depth in feet	USCS Class.	Description Surface Conditions: Bare Ground
			0 --		FILL: Silty Sand, dark and yellowish brown, moist, medium dense, fine grained
			1 --	SM/SP	Silty Sand to Sand, dark and grayish brown, moist, medium dense, fine grained
			2 --		
			3 --	SM	Silty Sand, dark brown, moist, medium dense, fine grained
			4 --		
			5 --		
			6 --		Total Depth 6 feet No Water Fill to 1 foot
			7 --		
			8 --		
			9 --		NOTE: The stratification lines represent the approximate boundary between earth types; the transition may be gradual.
			10 --		
			11 --		Used 4-inch diameter Hand-Augering Equipment; Hand Sampler
			12 --		
			13 --		
			14 --		
			15 --		
			16 --		
			17 --		
			18 --		
			19 --		
			20 --		
			21 --		
			22 --		
			23 --		
			24 --		
			25 --		

BULK SAMPLE REMOLDED TO 90 PERCENT OF THE MAXIMUM LABORATORY DENSITY

SAMPLE	SOIL TYPE	DRY DENSITY (PCF)	INITIAL MOISTURE(%)	FINAL MOISTURE(%)
B1 @ 1-5'	SM	108.5	12.4	19.3



● Direct Shear, Saturated

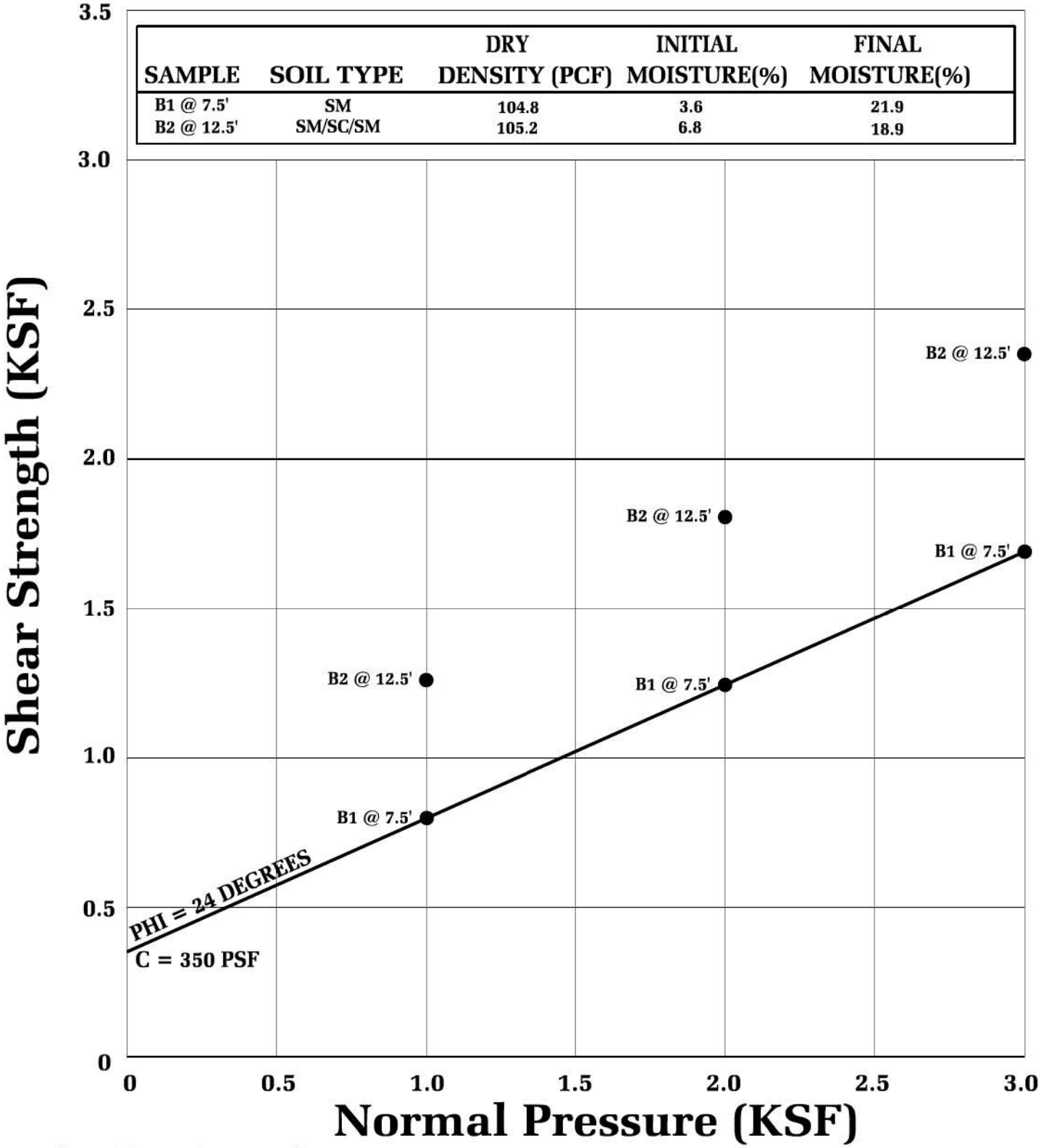
SHEAR TEST DIAGRAM

Geotechnologies, Inc.
Consulting Geotechnical Engineers

THE SALVATION ARMY
SOCAL DIVISION

FILE NO. 21179 | PLATE: B-1

SAMPLE	SOIL TYPE	DRY DENSITY (PCF)	INITIAL MOISTURE(%)	FINAL MOISTURE(%)
B1 @ 7.5'	SM	104.8	3.6	21.9
B2 @ 12.5'	SM/SC/SM	105.2	6.8	18.9



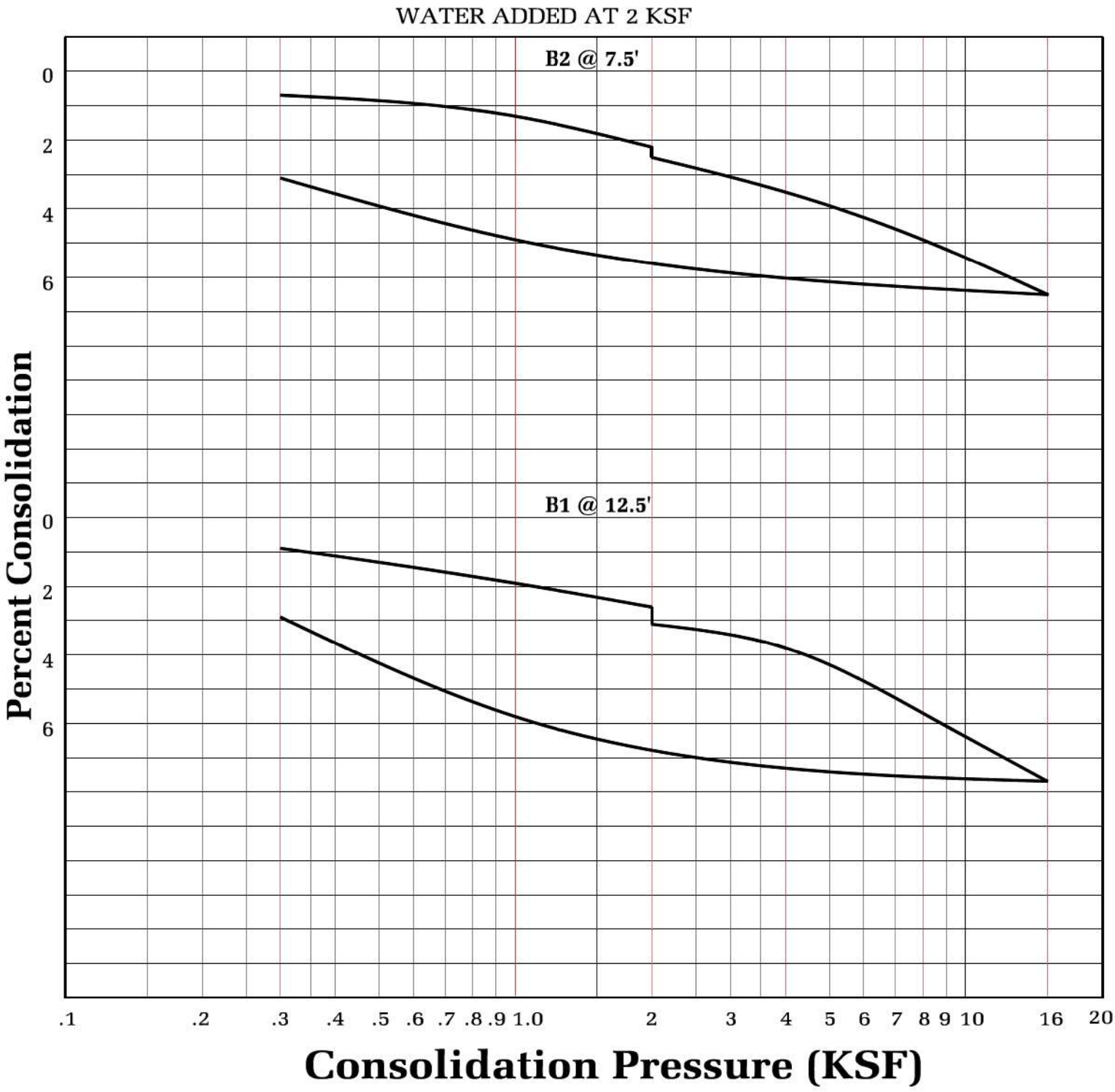
● Direct Shear, Saturated

SHEAR TEST DIAGRAM

Geotechnologies, Inc.
Consulting Geotechnical Engineers

THE SALVATION ARMY
SOCAL DIVISION

FILE NO. 21179 | PLATE: B-2



CONSOLIDATION TEST

Geotechnologies, Inc.
Consulting Geotechnical Engineers

THE SALVATION ARMY
SOCAL DIVISION

FILE NO. 21179 | **PLATE: C**

ASTM D-1557

SAMPLE	B1 @ 1-5'
SOIL TYPE:	SM
MAXIMUM DENSITY pcf.	120.5
OPTIMUM MOISTURE %	12.4

ASTM D 4829

SAMPLE	B1 @ 1-5'
SOIL TYPE:	SM
EXPANSION INDEX UBC STANDARD 18-2	3
EXPANSION CHARACTER	VERY LOW

SULFATE CONTENT

SAMPLE	B1 @ 1-5'
SULFATE CONTENT: (percentage by weight)	< 0.20 %

COMPACTION/EXPANSION/SULFATE DATA SHEET

Geotechnologies, Inc.
Consulting Geotechnical Engineers

THE SALVATION ARMY
SOCAL DIVISION

FILE NO. 21179 | PLATE: D

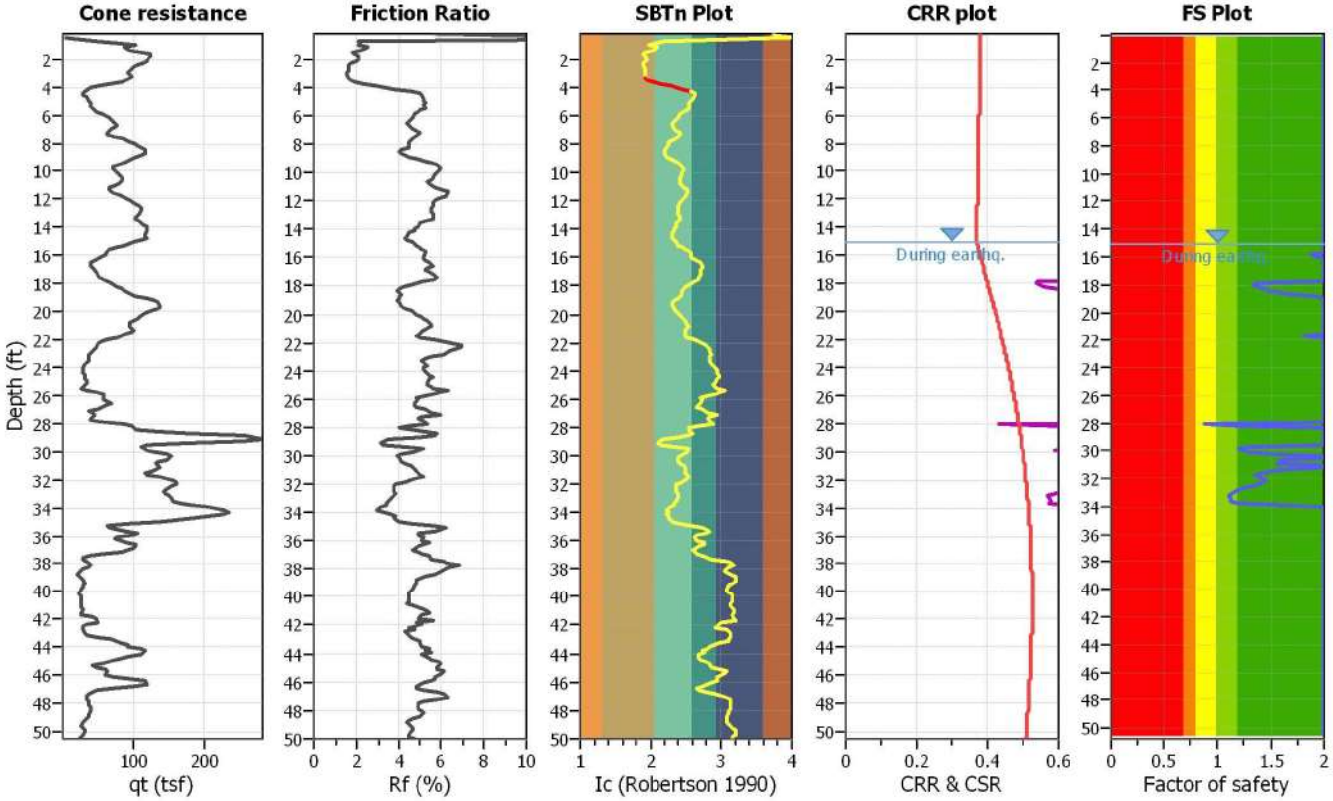
GeoLogismiki
Geotechnical Engineers
Merarhias 56
http://www.geologismiki.gr

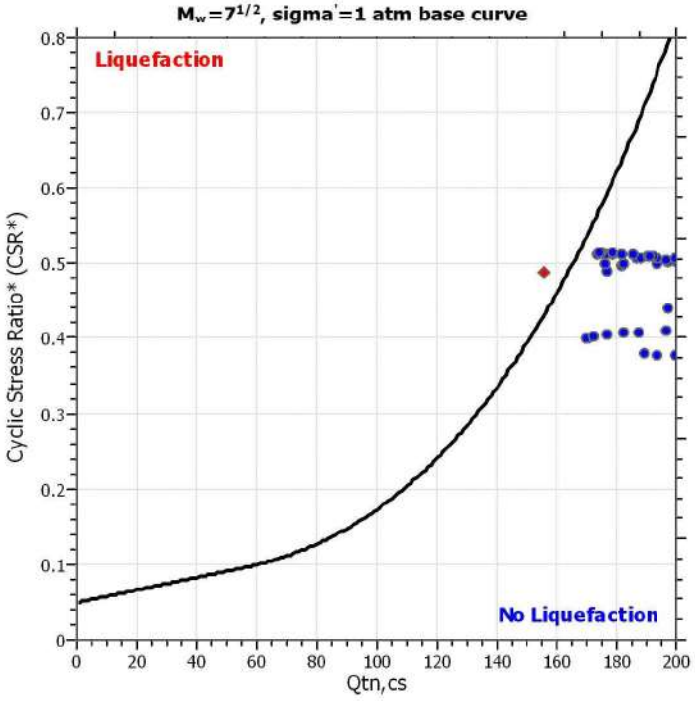
LIQUEFACTION ANALYSIS REPORT

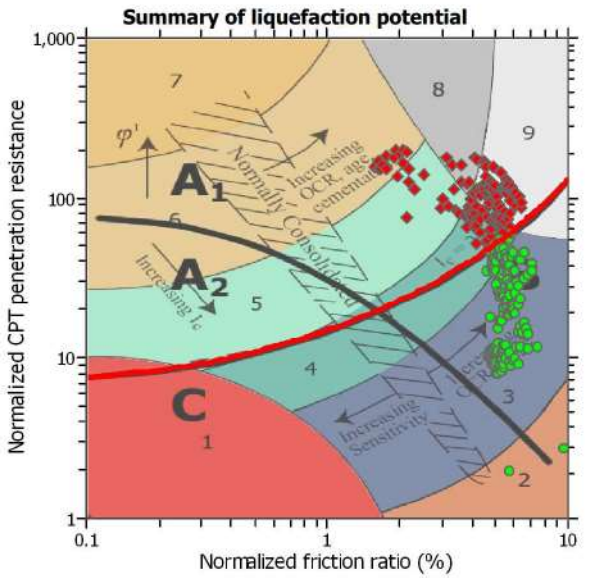
Project title : Salvation Army Southern California Division / **Location : Mansfield Way and K St., Bell, CA**
CPT file : CPT-01

Input parameters and analysis data

Analysis method:	NCEER (1998)	G.W.T. (in-situ):	50.00 ft	Use fill:	No	Clay like behavior applied:	Sands only
Fines correction method:	NCEER (1998)	G.W.T. (earthq.):	15.00 ft	Fill height:	N/A	Limit depth applied:	No
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth:	N/A
Earthquake magnitude M_w:	6.64	Ic cut-off value:	2.60	Trans. detect. applied:	Yes	MSF method:	Method based
Peak ground acceleration:	0.80	Unit weight calculation:	Based on SBT	K_σ applied:	Yes		

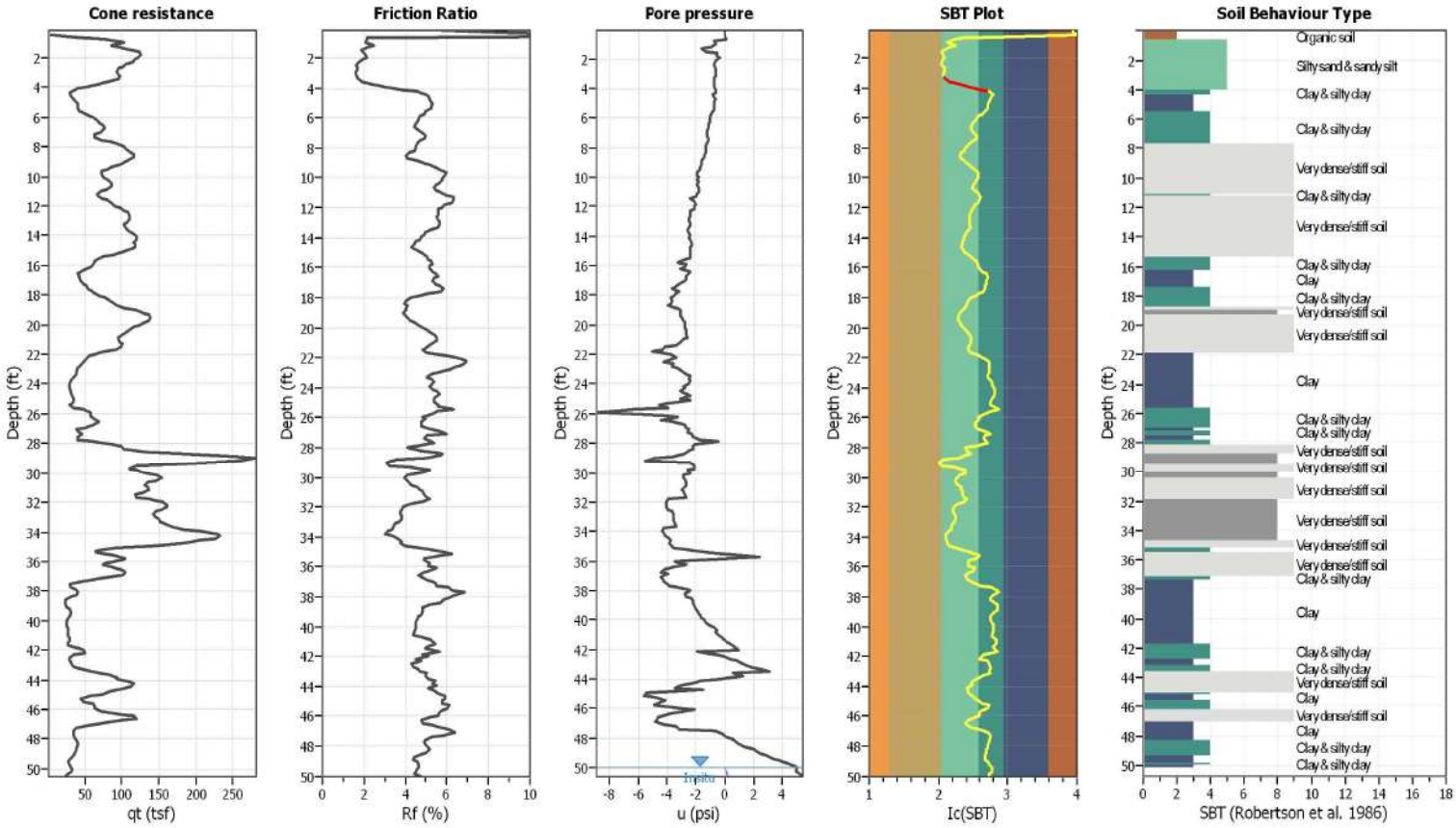






Zone A_1: Cyclic liquefaction likely depending on size and duration of cyclic loading
Zone A_2: Cyclic liquefaction and strength loss likely depending on loading and ground geometry
Zone B: Liquefaction and post-earthquake strength loss unlikely, check cyclic softening
Zone C: Cyclic liquefaction and strength loss possible depending on soil plasticity, brittleness/sensitivity, strain to peak undrained strength and ground geometry

CPT basic interpretation plots



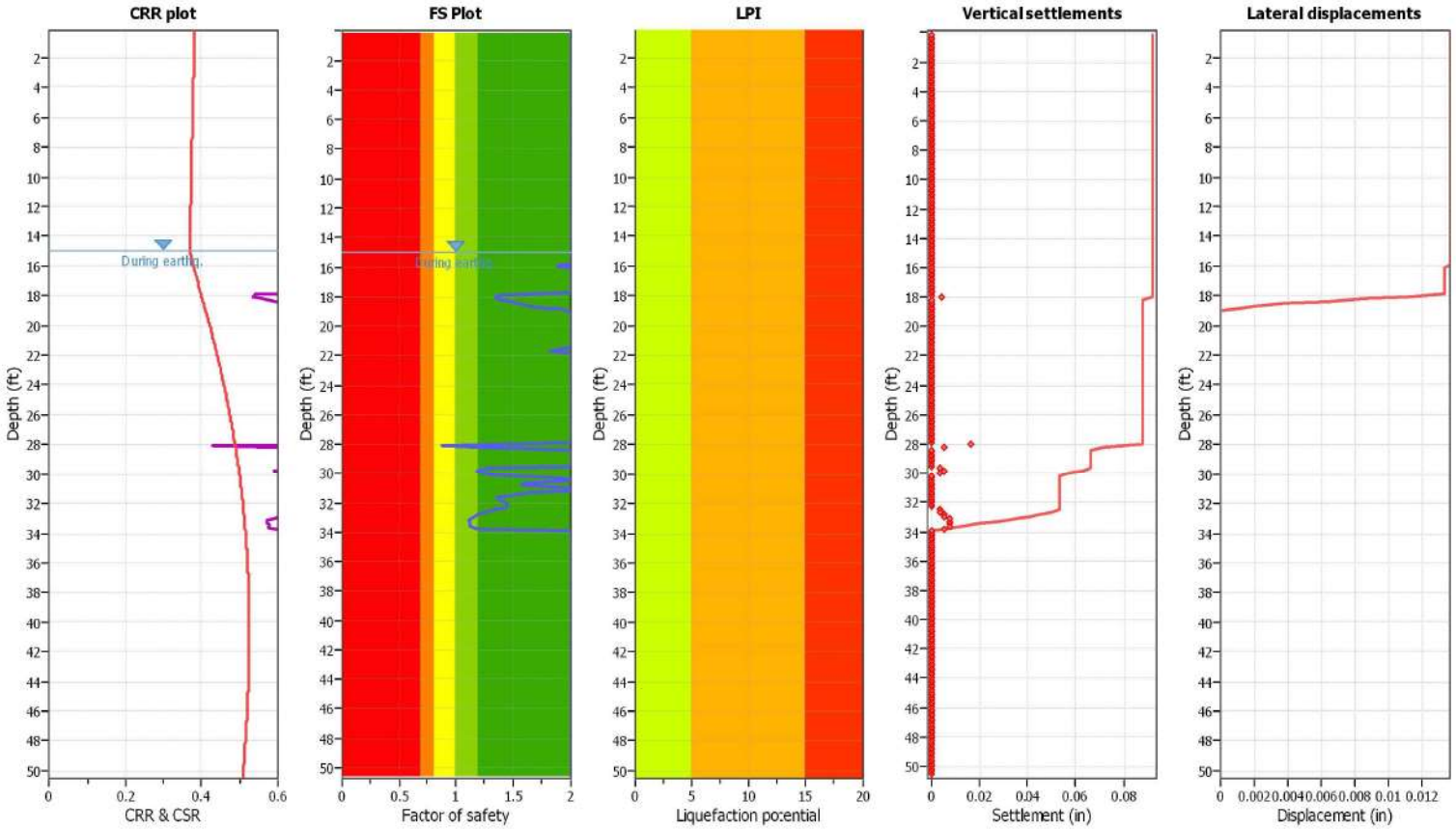
Input parameters and analysis data

Analysis method:	NCEER (1998)	Depth to water table (erthq.):	15.00 ft	Fil weight:	N/A
Fines correction method:	NCEER (1998)	Average results interval:	3	Transition detect. applied:	Yes
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K_σ applied:	Yes
Earthquake magnitude M_w:	6.64	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.80	Use fill:	No	Limit depth applied:	No
Depth to water table (insitu):	50.00 ft	Fill height:	N/A	Limit depth:	N/A

SBT legend

1. Sensitive fine grained
2. Organic material
3. Clay to silty clay
4. Clayey silt to silty
5. Silty sand to sandy silt
6. Clean sand to silty sand
7. Gravely sand to sand
8. Very stiff sand to
9. Very stiff fine grained

Liquefaction analysis overall plots



Input parameters and analysis data

Analysis method:	NCEER (1998)	Depth to water table (erthq.):	15.00 ft	Fil weight:	N/A
Fines correction method:	NCEER (1998)	Average results interval:	3	Transition detect. applied:	Yes
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K_σ applied:	Yes
Earthquake magnitude M_w:	6.64	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.80	Use fill:	No	Limit depth applied:	No
Depth to water table (insitu):	50.00 ft	Fill height:	N/A	Limit depth:	N/A

F.S. color scheme

- Almost certain it will liquefy
- Very likely to liquefy
- Liquefaction and no liq. are equally likely
- Unlike to liquefy
- Almost certain it will not liquefy

LPI color scheme

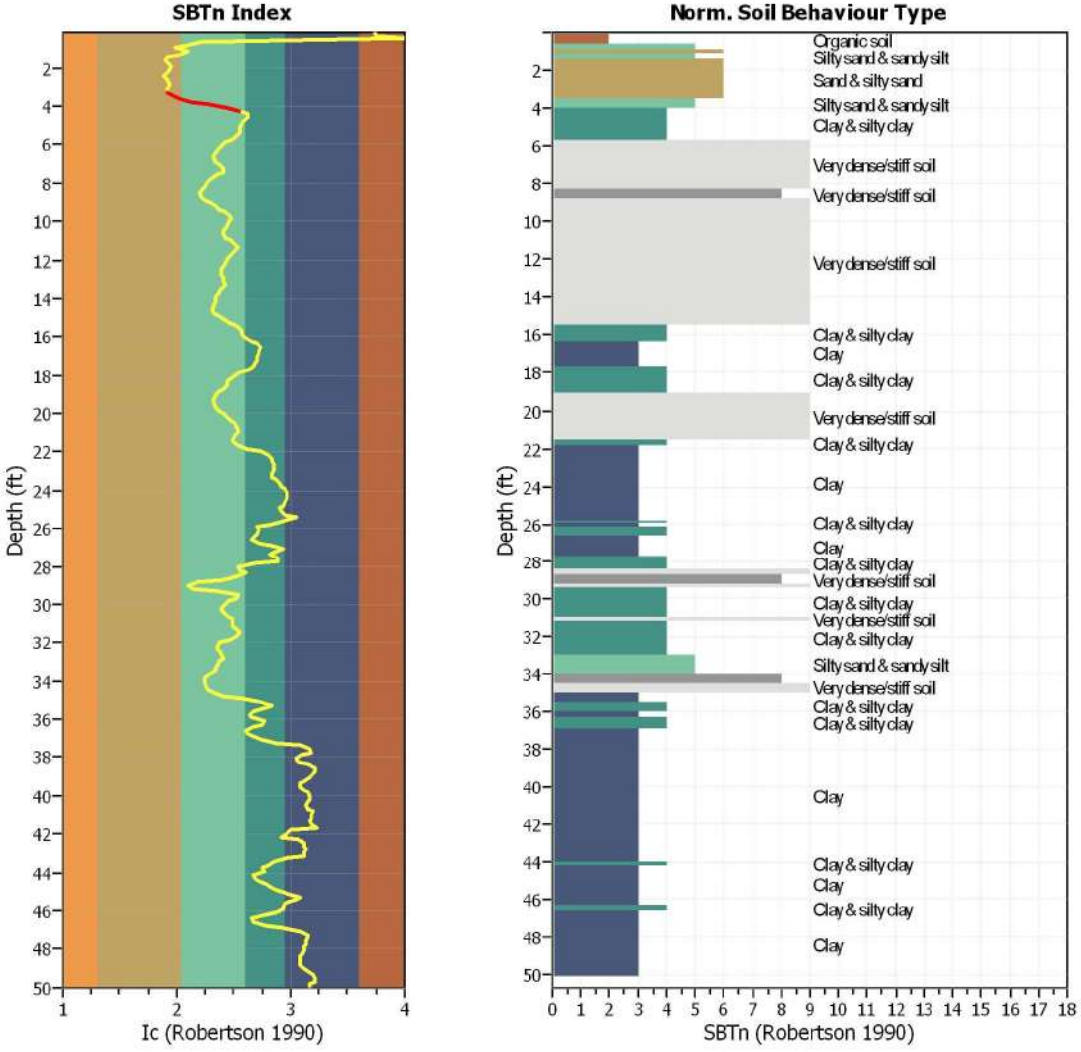
- Very high risk
- High risk
- Low risk

TRANSITION LAYER DETECTION ALGORITHM REPORT
Summary Details & Plots

Short description

The software will delete data when the cone is in transition from either clay to sand or vise-versa. To do this the software requires a range of I_c values over which the transition will be defined (typically somewhere between $1.80 < I_c < 3.0$) and a rate of change of I_c. Transitions typically occur when the rate of change of I_c is fast (i.e. delta I_c is small).

The SBT_n plot below, displays in red the detected transition layers based on the parameters listed below the graphs.



Transition layer algorithm properties

I_c minimum check value:	1.70
I_c maximum check value:	3.00
I_c change ratio value:	0.0250
Minimum number of points in layer:	2

General statistics

Total points in CPT file:	308
Total points excluded:	7
Exclusion percentage:	2.27%
Number of layers detected:	1

:: Field input data ::

Point ID	Depth (ft)	q_c (tsf)	f_s (tsf)	u (tsf)	Fines content (%)	Unit weight (pcf)
1	0.16	0.87	0.06	0.05	100.00	91.27
2	0.33	1.93	0.09	0.00	100.00	98.24
3	0.49	1.24	0.30	0.06	100.00	106.05
4	0.66	2.29	0.99	0.10	19.67	119.70
5	0.82	137.98	1.73	-0.74	15.08	124.82
6	0.98	94.77	2.41	-0.68	12.53	127.09
7	1.15	74.57	2.25	-0.88	15.58	126.83
8	1.31	90.96	1.85	-1.56	13.52	126.73
9	1.48	120.08	2.13	-1.34	11.00	127.28
10	1.64	126.65	2.37	-0.50	10.48	128.39
11	1.80	126.64	2.65	-0.50	11.09	129.00
12	1.97	122.41	2.74	-0.30	11.56	129.07
13	2.13	118.55	2.50	-0.65	11.06	128.16
14	2.30	115.43	1.80	-0.74	10.41	126.99
15	2.46	108.93	1.77	-0.69	10.22	125.77
16	2.62	96.87	1.68	-0.64	10.91	125.38
17	2.79	95.62	1.64	-0.65	11.20	124.75
18	2.95	92.86	1.44	-0.65	11.04	124.46
19	3.12	94.37	1.51	-0.67	10.71	124.50
20	3.28	101.80	1.63	-0.73	10.97	125.04
21	3.44	98.17	1.76	-0.75	11.62	125.26
22	3.61	88.03	1.70	-0.74	13.39	124.88
23	3.77	70.27	1.56	-0.75	16.63	124.12
24	3.94	51.78	1.57	-0.72	21.71	123.44
25	4.10	41.52	1.65	-0.62	28.25	122.62
26	4.27	30.39	1.47	-0.67	33.72	121.84
27	4.43	27.89	1.41	-0.85	36.76	121.38
28	4.59	30.84	1.54	-0.69	36.61	121.99
29	4.76	34.13	1.79	-0.65	35.22	123.04
30	4.92	37.90	1.95	-0.70	34.18	124.02
31	5.09	40.54	2.12	-0.74	33.50	124.76
32	5.25	41.78	2.28	-0.77	33.01	124.85
33	5.41	40.30	1.99	-0.73	33.13	124.82
34	5.58	39.93	2.11	-0.83	31.67	125.06
35	5.74	49.12	2.36	-0.96	29.92	126.06
36	5.91	56.29	2.65	-1.01	27.59	127.14
37	6.07	62.31	2.86	-1.05	26.32	128.04
38	6.23	66.74	3.10	-1.06	25.16	128.69
39	6.40	72.08	3.20	-1.09	24.24	129.19
40	6.56	75.73	3.29	-1.14	23.51	129.60
41	6.73	78.44	3.47	-1.13	23.58	129.93
42	6.89	76.59	3.60	-1.19	24.29	130.03
43	7.05	71.39	3.49	-1.18	25.61	129.63
44	7.22	62.75	3.16	-1.21	26.95	128.91
45	7.38	58.02	2.92	-1.15	26.91	128.70
46	7.55	69.00	3.26	-1.15	24.83	129.60
47	7.71	89.06	3.94	-1.24	22.70	131.08
48	7.87	99.22	4.50	-1.28	21.48	132.22

:: Field input data :: (continued)

Point ID	Depth (ft)	q_c (tsf)	f_s (tsf)	u (tsf)	Fines content (%)	Unit weight (pcf)
49	8.04	102.45	4.68	-1.30	20.95	132.74
50	8.20	105.80	4.65	-1.35	20.45	133.02
51	8.37	111.54	4.86	-1.34	19.41	133.01
52	8.53	118.37	4.43	-1.37	18.91	133.21
53	8.69	119.66	4.84	-1.41	19.18	133.34
54	8.86	111.97	5.09	-1.57	20.58	133.62
55	9.02	106.22	5.17	-1.58	22.38	133.56
56	9.19	96.27	5.09	-1.58	23.92	133.26
57	9.35	89.37	4.85	-1.71	25.81	132.75
58	9.51	78.57	4.63	-1.72	27.62	132.11
59	9.68	70.71	4.33	-1.87	29.09	131.53
60	9.84	70.34	4.15	-1.89	29.29	131.31
61	10.01	75.10	4.31	-1.82	28.72	131.52
62	10.17	79.04	4.53	-1.84	28.18	131.98
63	10.33	82.58	4.75	-1.81	27.46	132.34
64	10.50	88.12	4.75	-1.89	26.94	132.49
65	10.66	87.28	4.66	-1.83	26.82	132.35
66	10.83	82.35	4.48	-1.82	27.81	131.86
67	10.99	72.80	4.13	-1.82	29.56	131.21
68	11.15	65.02	3.92	-1.84	31.40	130.80
69	11.32	65.32	4.12	-2.02	32.32	131.14
70	11.48	72.36	4.72	-2.33	31.58	131.95
71	11.65	81.89	5.03	-2.08	30.48	132.74
72	11.81	86.32	5.25	-1.99	28.97	133.02
73	11.98	90.11	4.93	-2.06	28.22	133.28
74	12.14	94.17	5.35	-2.04	27.27	133.75
75	12.30	105.14	5.91	-2.32	26.65	134.44
76	12.47	111.47	6.12	-2.34	26.19	134.86
77	12.63	109.30	6.08	-2.37	26.03	134.99
78	12.80	111.17	6.13	-2.43	26.19	135.03
79	12.96	111.76	6.21	-2.45	26.57	135.05
80	13.12	106.59	6.17	-2.38	27.01	134.80
81	13.29	101.97	5.67	-2.40	27.38	134.36
82	13.45	99.79	5.38	-2.44	26.52	134.12
83	13.62	112.06	5.53	-2.52	25.38	134.06
84	13.78	114.25	5.31	-2.43	24.82	134.30
85	13.94	112.89	5.71	-2.39	24.06	134.55
86	14.11	128.45	5.83	-2.45	23.99	134.58
87	14.27	117.24	5.35	-2.35	23.41	134.24
88	14.44	113.52	4.93	-2.30	23.52	133.82
89	14.60	118.44	5.08	-2.25	23.25	133.82
90	14.76	121.73	5.28	-2.33	23.63	134.00
91	14.93	114.01	5.31	-2.37	24.98	133.90
92	15.09	100.63	5.13	-2.35	26.59	133.07
93	15.26	87.94	4.10	-2.38	28.98	131.94
94	15.42	72.60	3.86	-2.37	31.22	130.57
95	15.58	63.54	3.46	-2.74	33.17	129.76
96	15.75	65.60	3.27	-3.26	34.29	129.17

:: Field input data :: (continued)

Point ID	Depth (ft)	q_c (tsf)	f_s (tsf)	u (tsf)	Fines content (%)	Unit weight (pcf)
97	15.91	59.96	3.25	-2.68	34.47	128.85
98	16.08	59.60	3.10	-2.77	35.61	128.13
99	16.24	52.71	2.58	-3.00	37.77	127.19
100	16.40	41.68	2.47	-2.33	40.34	126.12
101	16.57	41.27	2.30	-2.54	42.35	125.55
102	16.73	42.19	2.21	-2.65	41.76	125.25
103	16.90	41.85	2.19	-2.65	41.27	125.40
104	17.06	44.39	2.38	-2.76	40.95	126.08
105	17.22	48.95	2.74	-3.13	40.67	127.08
106	17.39	51.65	3.08	-3.44	40.20	127.90
107	17.55	54.01	3.16	-3.59	39.22	128.21
108	17.72	56.41	2.98	-3.08	36.58	128.22
109	17.88	64.11	2.87	-3.30	33.45	128.26
110	18.04	71.07	2.93	-3.48	30.90	128.63
111	18.21	76.67	3.13	-3.67	29.08	129.25
112	18.37	85.54	3.35	-3.58	27.96	129.88
113	18.54	89.58	3.51	-3.68	28.02	130.45
114	18.70	85.85	3.81	-3.88	27.03	131.12
115	18.86	106.20	4.08	-3.26	25.80	132.09
116	19.03	120.35	4.69	-3.06	24.00	133.19
117	19.19	130.48	5.21	-3.04	23.40	134.17
118	19.36	138.23	5.64	-2.98	23.32	134.86
119	19.52	140.05	5.94	-2.90	23.62	135.26
120	19.69	137.87	6.05	-2.85	24.39	135.42
121	19.85	132.38	6.12	-2.78	25.57	135.38
122	20.01	123.81	6.08	-2.73	27.04	135.15
123	20.18	114.67	5.85	-2.70	28.46	134.79
124	20.34	108.68	5.63	-2.62	29.67	134.48
125	20.51	105.47	5.68	-2.61	30.69	134.29
126	20.67	101.70	5.63	-2.60	31.79	134.05
127	20.83	94.75	5.33	-2.59	32.51	133.62
128	21.00	92.06	4.96	-2.81	32.30	133.30
129	21.16	98.56	5.01	-3.00	31.27	133.29
130	21.33	103.97	5.14	-3.35	30.48	133.43
131	21.49	102.44	5.07	-4.05	30.44	133.00
132	21.65	91.64	4.25	-4.26	32.32	132.40
133	21.82	78.41	4.40	-5.08	36.54	131.52
134	21.98	60.43	4.22	-3.71	42.08	130.83
135	22.15	53.85	3.82	-3.35	46.00	129.91
136	22.31	52.57	3.47	-3.63	47.64	129.09
137	22.47	47.24	3.29	-4.13	48.10	128.43
138	22.64	47.01	3.06	-3.52	48.69	127.57
139	22.80	44.04	2.56	-3.61	49.36	126.41
140	22.97	36.82	2.18	-3.21	48.79	125.12
141	23.13	39.88	1.93	-2.89	48.56	124.44
142	23.29	40.52	2.03	-2.69	48.07	124.20
143	23.46	36.83	1.98	-2.39	49.94	123.97
144	23.62	34.19	1.84	-2.46	52.27	123.28

:: Field input data :: (continued)

Point ID	Depth (ft)	q_c (tsf)	f_s (tsf)	u (tsf)	Fines content (%)	Unit weight (pcf)
145	23.79	31.58	1.65	-2.32	53.35	122.54
146	23.95	30.98	1.55	-2.41	54.82	121.92
147	24.11	28.63	1.52	-2.86	55.83	121.91
148	24.28	29.96	1.67	-2.76	56.45	122.20
149	24.44	31.49	1.73	-3.06	56.53	122.62
150	24.61	30.78	1.77	-2.80	54.88	122.86
151	24.77	34.65	1.76	-2.32	53.90	123.15
152	24.93	35.26	1.87	-3.03	52.46	123.72
153	25.10	37.27	2.09	-2.40	53.16	124.04
154	25.26	35.37	2.01	-3.89	55.19	123.40
155	25.43	27.79	1.50	-4.46	61.37	122.75
156	25.59	22.85	1.89	-3.89	53.95	124.02
157	25.75	56.44	2.58	-6.35	46.78	126.42
158	25.92	63.19	3.07	-8.77	41.06	127.81
159	26.08	56.48	2.83	-4.22	41.88	127.83
160	26.25	53.68	2.65	-3.21	40.68	127.96
161	26.41	70.00	3.12	-4.33	39.47	128.66
162	26.57	69.90	3.47	-3.51	38.42	129.38
163	26.74	67.68	3.37	-2.74	41.99	128.98
164	26.90	48.84	2.93	-2.69	47.21	127.40
165	27.07	35.21	2.13	-2.42	54.38	125.41
166	27.23	33.37	1.94	-2.50	49.05	125.14
167	27.40	60.74	2.46	-2.29	47.35	125.51
168	27.56	43.13	2.34	-2.16	50.83	125.12
169	27.72	21.27	1.79	-1.71	51.55	125.20
170	27.89	59.73	2.55	-0.42	40.24	127.69
171	28.05	102.53	3.89	-2.09	32.56	130.57
172	28.22	102.50	4.35	-2.14	33.00	132.69
173	28.38	92.49	5.64	-2.15	35.86	134.67
174	28.54	116.53	7.92	-2.46	31.90	137.16
175	28.71	197.04	9.48	-2.70	26.29	137.28
176	28.87	226.43	9.40	-3.55	18.21	137.28
177	29.04	345.21	8.39	-4.87	15.90	137.28
178	29.20	274.23	8.57	-5.48	17.20	137.28
179	29.36	148.50	7.92	-2.32	24.49	137.28
180	29.53	106.75	6.04	-2.09	32.49	135.34
181	29.69	105.42	4.75	-2.06	32.08	133.70
182	29.86	118.31	4.60	-2.52	29.09	133.56
183	30.02	133.83	5.34	-2.37	27.20	134.36
184	30.18	146.07	5.88	-2.81	26.14	135.44
185	30.35	160.76	6.50	-2.84	26.09	136.04
186	30.51	152.21	6.61	-2.72	27.28	135.98
187	30.68	128.52	5.97	-2.67	29.21	135.60
188	30.84	126.95	6.03	-2.66	30.14	135.48
189	31.00	138.98	6.49	-2.73	30.27	135.91
190	31.17	138.42	6.93	-2.95	30.34	136.23
191	31.33	134.97	6.76	-2.85	31.93	135.69
192	31.50	108.64	5.54	-2.73	33.57	135.05

:: Field input data :: (continued)

Point ID	Depth (ft)	q_c (tsf)	f_s (tsf)	u (tsf)	Fines content (%)	Unit weight (pcf)
193	31.66	108.30	5.81	-2.69	31.86	134.70
194	31.82	144.65	5.77	-3.91	28.54	135.21
195	31.99	157.94	5.99	-3.99	25.53	135.69
196	32.15	162.51	6.25	-3.95	24.80	135.94
197	32.32	164.01	6.16	-3.95	24.87	135.88
198	32.48	155.84	5.87	-3.90	25.47	135.42
199	32.64	140.63	5.38	-3.56	26.47	135.04
200	32.81	140.29	5.57	-3.47	26.52	134.80
201	32.97	149.54	5.41	-3.50	25.81	134.70
202	33.14	148.27	5.07	-3.53	24.89	134.58
203	33.30	150.75	5.19	-3.47	24.50	134.67
204	33.46	158.50	5.50	-3.37	23.96	134.80
205	33.63	160.98	5.21	-3.31	22.38	134.88
206	33.79	179.46	5.05	-4.21	20.70	135.36
207	33.96	205.35	6.07	-4.29	20.84	137.28
208	34.12	230.86	9.46	-4.21	20.65	137.28
209	34.28	251.82	9.21	-4.06	21.28	137.28
210	34.45	218.50	8.09	-3.77	21.29	137.28
211	34.61	212.76	8.19	-3.67	23.51	137.28
212	34.78	189.04	8.85	-3.82	27.04	137.28
213	34.94	149.11	8.66	-3.73	34.07	137.16
214	35.10	72.49	5.47	-3.48	42.86	133.96
215	35.27	51.88	2.84	-2.79	48.21	129.92
216	35.43	68.80	2.67	-1.17	45.05	129.10
217	35.60	76.94	4.23	1.11	38.79	132.10
218	35.76	125.00	6.31	2.40	37.27	133.99
219	35.93	112.66	5.73	-1.63	37.91	133.53
220	36.09	64.29	3.45	-3.40	43.95	131.54
221	36.25	57.33	3.66	-2.69	43.57	130.79
222	36.42	105.19	4.61	-3.72	39.37	132.14
223	36.58	107.88	5.03	-4.10	35.87	133.06
224	36.75	98.07	4.75	-4.33	36.75	133.50
225	36.91	106.94	5.47	-3.93	38.09	133.39
226	37.07	96.38	4.99	-4.38	42.74	132.25
227	37.24	50.37	3.34	-4.19	50.52	128.99
228	37.40	32.72	1.59	-4.16	64.25	125.14
229	37.57	28.88	1.93	-3.93	70.65	123.23
230	37.73	29.08	2.14	-3.78	72.02	124.17
231	37.89	35.16	2.32	-2.68	65.81	125.26
232	38.06	45.87	2.55	-2.31	61.92	125.90
233	38.22	41.63	2.51	-2.76	63.08	125.05
234	38.39	27.52	1.66	-2.67	68.53	122.80
235	38.55	23.84	1.13	-2.29	73.78	119.94
236	38.71	22.73	1.08	-2.18	74.17	118.71
237	38.88	23.02	1.12	-2.15	73.31	119.08
238	39.04	26.23	1.26	-2.08	70.09	120.08
239	39.21	30.61	1.45	-1.99	66.31	121.15
240	39.37	33.22	1.55	-1.91	64.29	121.60

:: Field input data :: (continued)

Point ID	Depth (ft)	q_c (tsf)	f_s (tsf)	u (tsf)	Fines content (%)	Unit weight (pcf)
241	39.53	31.89	1.44	-1.81	64.50	121.21
242	39.70	28.66	1.25	-1.71	66.58	120.36
243	39.86	26.24	1.18	-1.60	68.90	119.64
244	40.03	25.76	1.17	-1.42	70.17	119.34
245	40.19	25.92	1.15	-1.32	70.39	119.27
246	40.35	25.85	1.16	-1.06	69.50	119.46
247	40.52	27.83	1.23	-0.76	67.99	119.81
248	40.68	29.56	1.26	-0.58	68.75	120.28
249	40.85	26.77	1.39	-0.60	72.34	120.70
250	41.01	24.53	1.51	-0.44	71.88	121.53
251	41.17	33.70	1.69	-0.12	71.89	121.72
252	41.34	27.70	1.49	-0.05	69.94	121.29
253	41.50	25.81	1.23	0.21	71.83	120.44
254	41.67	27.67	1.29	0.44	74.72	121.42
255	41.83	27.75	2.06	0.67	58.39	124.76
256	41.99	73.79	2.85	1.02	56.43	126.40
257	42.16	45.04	2.53	-1.89	53.57	125.77
258	42.32	31.50	1.40	-0.66	63.40	122.84
259	42.49	30.57	1.15	-0.11	66.31	120.52
260	42.65	28.80	1.36	0.41	67.08	120.56
261	42.81	30.57	1.43	0.91	67.18	121.18
262	42.98	33.26	1.46	1.32	66.39	121.82
263	43.14	33.27	1.68	1.80	66.02	122.89
264	43.31	36.66	2.04	2.22	56.53	126.35
265	43.47	78.04	3.65	3.10	49.11	129.73
266	43.64	90.22	4.79	0.64	46.19	132.11
267	43.80	80.52	5.17	1.30	43.15	133.00
268	43.96	108.87	4.81	-0.22	43.95	133.42
269	44.13	92.75	5.64	-1.56	38.94	134.51
270	44.29	134.97	6.64	-2.25	39.60	135.29
271	44.46	119.88	6.52	-2.90	40.70	135.09
272	44.62	80.81	5.34	-3.41	45.10	134.05
273	44.78	86.67	5.04	-1.54	48.08	132.85
274	44.95	85.25	4.60	-5.38	50.52	131.40
275	45.11	50.35	3.18	-5.61	56.77	128.92
276	45.28	36.93	2.17	-4.79	64.59	126.79
277	45.44	45.35	2.76	-4.09	62.33	127.49
278	45.60	61.49	3.76	-4.37	54.99	129.50
279	45.77	78.52	3.99	-4.80	54.26	129.78
280	45.93	51.03	3.06	-3.21	54.32	129.46
281	46.10	58.35	3.36	-2.04	49.80	130.17
282	46.26	103.54	4.57	-3.37	41.92	132.44
283	46.42	123.05	5.68	-3.85	38.26	134.58
284	46.59	123.65	6.76	-4.55	39.20	135.31
285	46.75	111.71	6.23	-4.68	44.78	134.31
286	46.92	64.15	4.29	-4.73	53.08	131.70
287	47.08	43.67	2.90	-4.04	63.94	127.98
288	47.24	37.81	2.06	-3.28	68.55	125.10

:: Field input data :: (continued)

Point ID	Depth (ft)	q_c (tsf)	f_s (tsf)	u (tsf)	Fines content (%)	Unit weight (pcf)
289	47.41	34.21	1.78	-3.10	68.68	123.46
290	47.57	34.54	1.70	-0.62	68.15	122.94
291	47.74	36.20	1.70	-0.12	67.31	123.09
292	47.90	36.74	1.85	0.13	66.97	123.41
293	48.06	37.08	1.89	0.47	66.08	124.20
294	48.23	42.61	2.21	0.78	65.13	124.64
295	48.39	41.60	2.13	0.90	64.66	124.49
296	48.56	37.35	1.75	1.32	63.94	123.71
297	48.72	39.79	1.64	2.03	63.98	123.13
298	48.88	38.38	1.76	2.17	64.27	122.83
299	49.05	35.24	1.58	2.56	67.02	122.50
300	49.21	32.70	1.52	2.93	69.73	121.80
301	49.38	30.22	1.43	3.29	72.99	120.98
302	49.54	26.54	1.22	3.71	74.54	120.23
303	49.70	27.58	1.19	4.28	73.51	120.30
304	49.87	32.06	1.44	4.80	70.22	121.32
305	50.03	36.07	1.65	4.98	70.36	122.22
306	50.20	31.64	1.68	4.91	N/A	137.28
307	50.36	25.75	-231506.28	4.99	N/A	137.28
308	50.52	22.39	-231506.28	5.29	N/A	137.28

Abbreviations

Depth:	Depth from free surface, at which CPT was performed (ft)
q_c:	Measured cone resistance (tsf)
f_s:	Sleeve friction resistance (tsf)
u:	Pore pressure (tsf)
Fines content:	Percentage of fines in soil (%)
Unit weight:	Bulk soil unit weight (pcf)

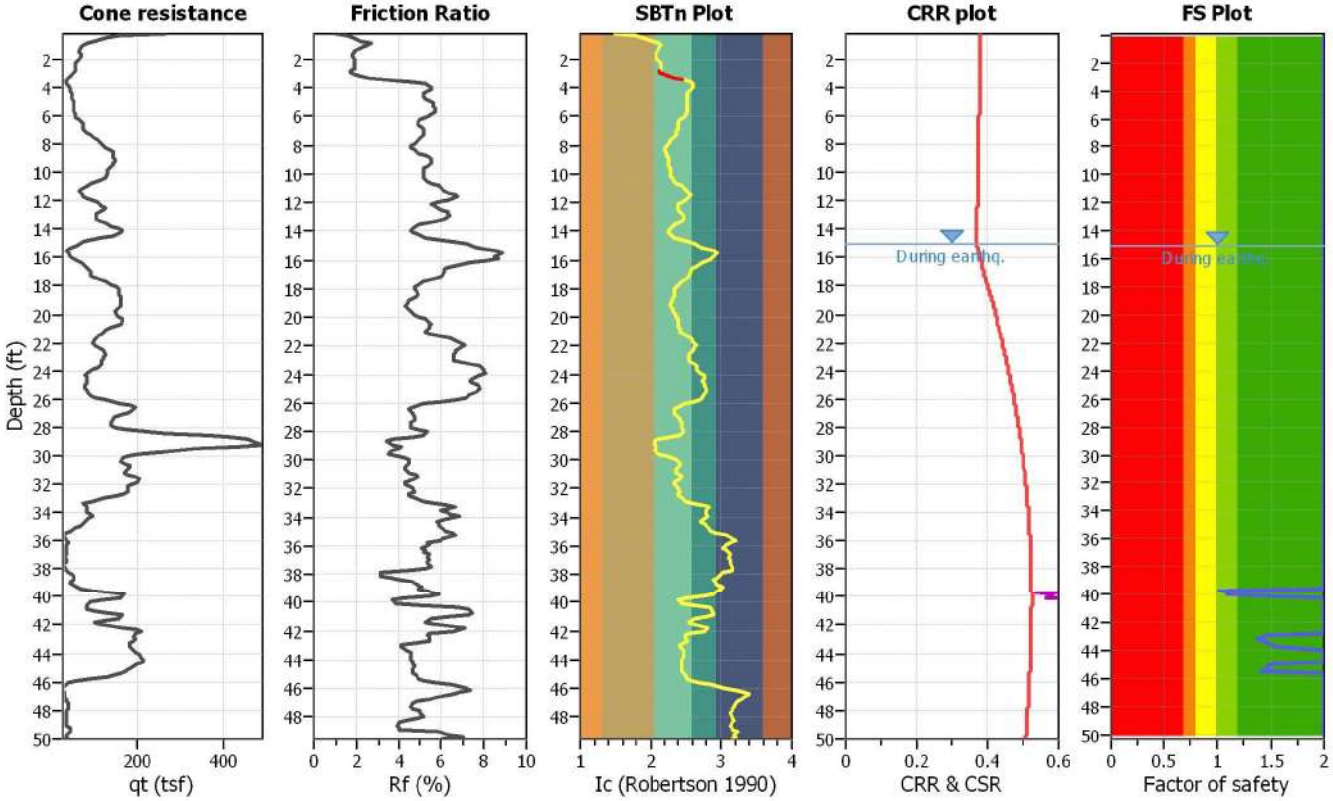
GeoLogismiki
Geotechnical Engineers
Merarhias 56
http://www.geologismiki.gr

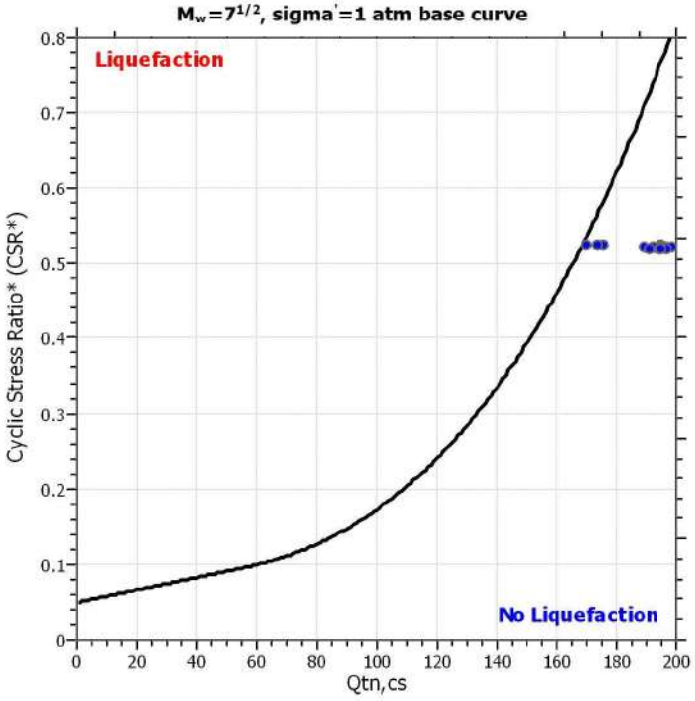
LIQUEFACTION ANALYSIS REPORT

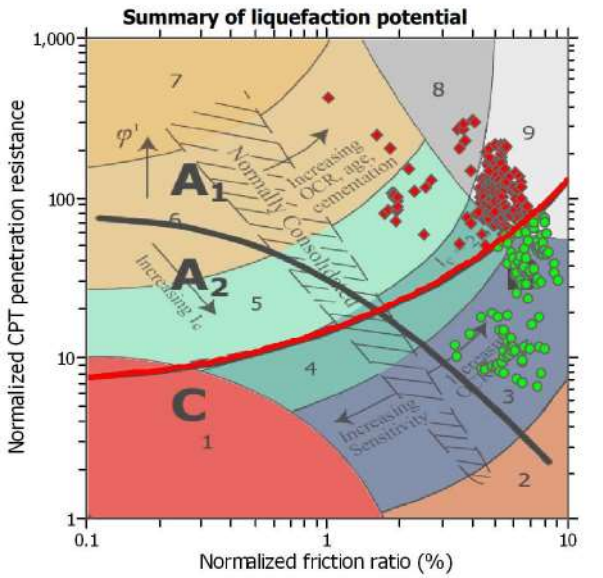
Project title : Salvation Army Southern California Division / **Location : Mansfield Way and K St., Bell, CA**
CPT file : CPT-02

Input parameters and analysis data

Analysis method:	NCEER (1998)	G.W.T. (in-situ):	50.00 ft	Use fill:	No	Clay like behavior applied:	Sands only
Fines correction method:	NCEER (1998)	G.W.T. (earthq.):	15.00 ft	Fill height:	N/A	Limit depth applied:	No
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth:	N/A
Earthquake magnitude M_w:	6.64	Ic cut-off value:	2.60	Trans. detect. applied:	Yes	MSF method:	Method based
Peak ground acceleration:	0.80	Unit weight calculation:	Based on SBT	K_σ applied:	Yes		

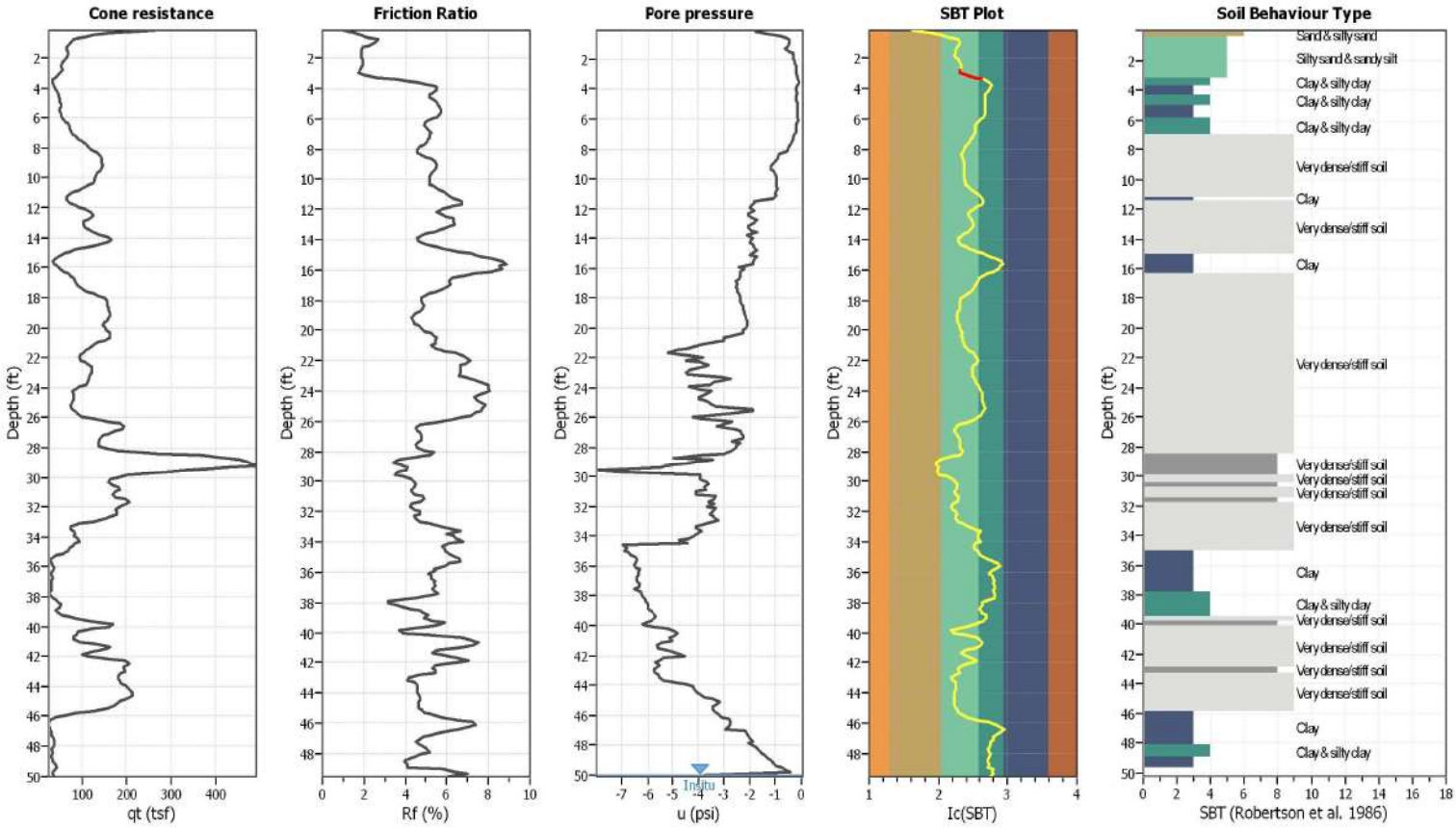






Zone A_1: Cyclic liquefaction likely depending on size and duration of cyclic loading
Zone A_2: Cyclic liquefaction and strength loss likely depending on loading and ground geometry
Zone B: Liquefaction and post-earthquake strength loss unlikely, check cyclic softening
Zone C: Cyclic liquefaction and strength loss possible depending on soil plasticity, brittleness/sensitivity, strain to peak undrained strength and ground geometry

CPT basic interpretation plots



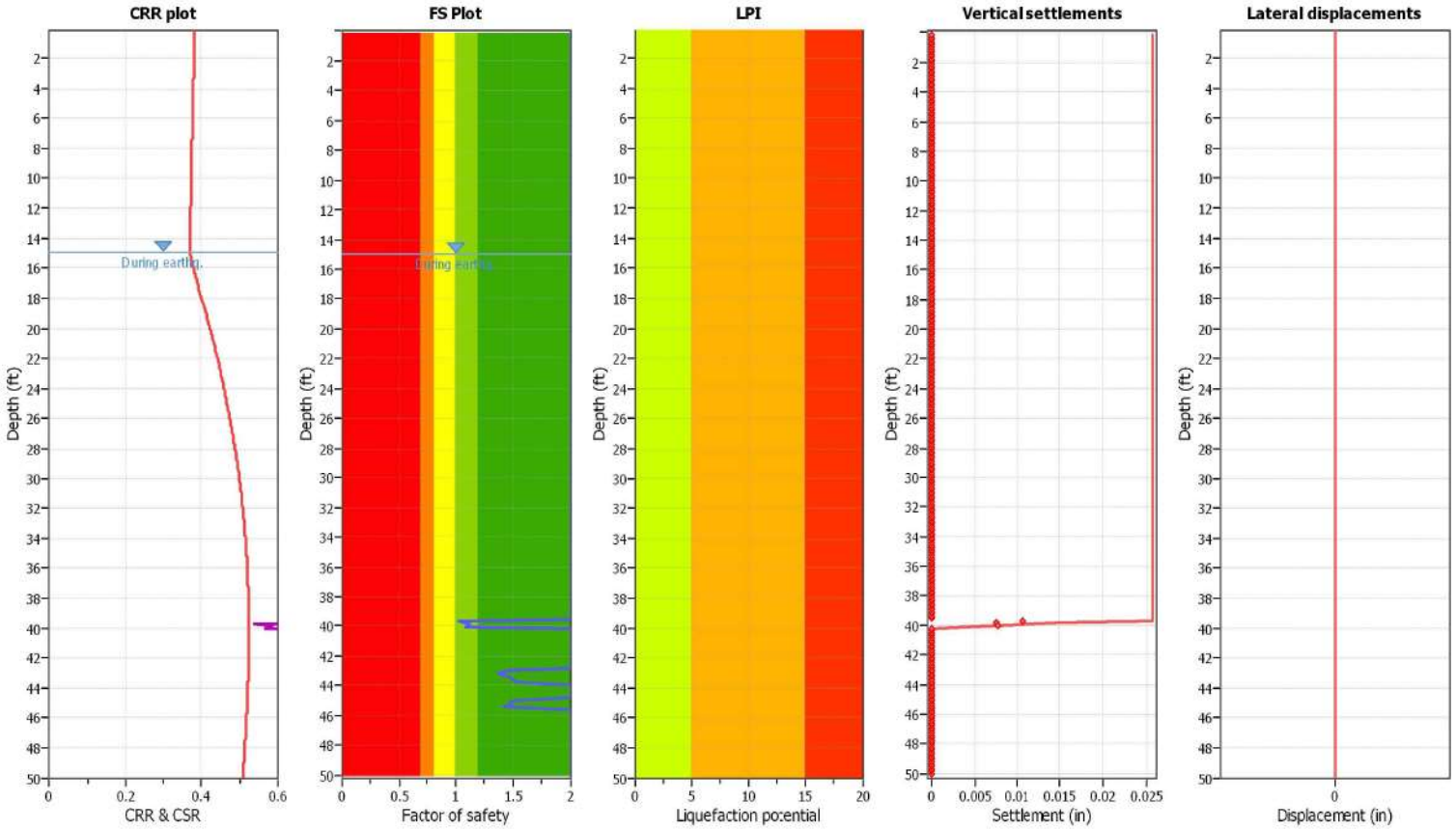
Input parameters and analysis data

Analysis method:	NCEER (1998)	Depth to water table (erthq.):	15.00 ft	Fil weight:	N/A
Fines correction method:	NCEER (1998)	Average results interval:	3	Transition detect. applied:	Yes
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K_σ applied:	Yes
Earthquake magnitude M_w:	6.64	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.80	Use fill:	No	Limit depth applied:	No
Depth to water table (insitu):	50.00 ft	Fill height:	N/A	Limit depth:	N/A

SBT legend

1. Sensitive fine grained
2. Organic material
3. Clay to silty clay
4. Clayey silt to silty
5. Silty sand to sandy silt
6. Clean sand to silty sand
7. Gravely sand to sand
8. Very stiff sand to
9. Very stiff fine grained

Liquefaction analysis overall plots



Input parameters and analysis data

Analysis method:	NCEER (1998)	Depth to water table (erthq.):	15.00 ft	Fil weight:	N/A
Fines correction method:	NCEER (1998)	Average results interval:	3	Transition detect. applied:	Yes
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K_σ applied:	Yes
Earthquake magnitude M_w:	6.64	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.80	Use fill:	No	Limit depth applied:	No
Depth to water table (insitu):	50.00 ft	Fill height:	N/A	Limit depth:	N/A

F.S. color scheme

- Almost certain it will liquefy
- Very likely to liquefy
- Liquefaction and no liq. are equally likely
- Unlike to liquefy
- Almost certain it will not liquefy

LPI color scheme

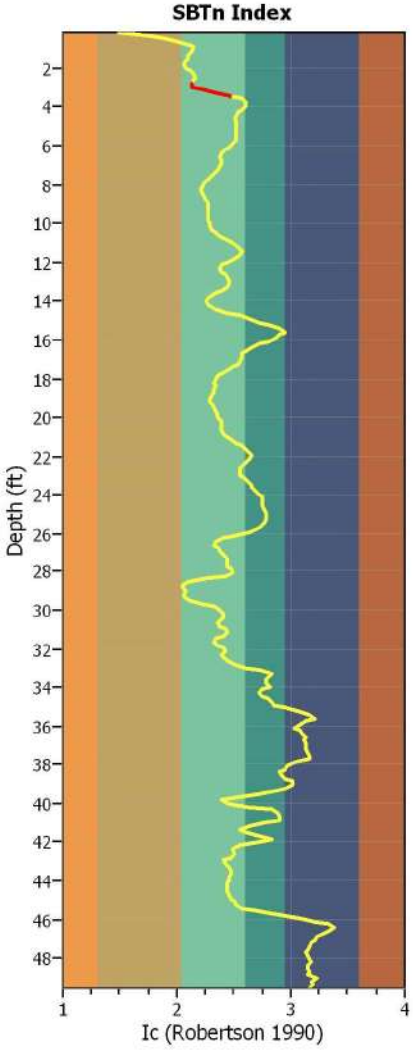
- Very high risk
- High risk
- Low risk

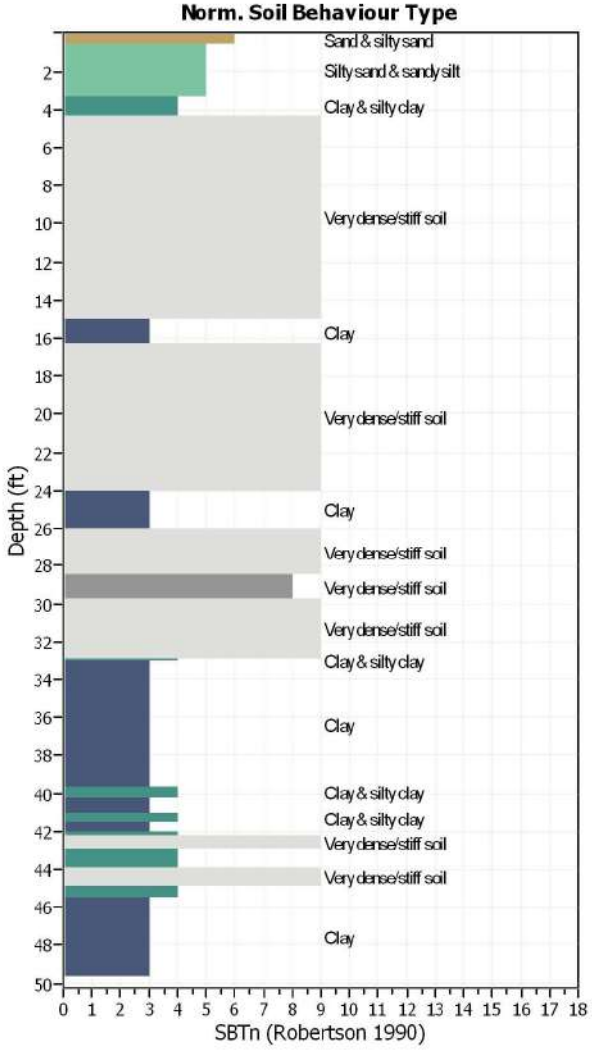
TRANSITION LAYER DETECTION ALGORITHM REPORT
Summary Details & Plots

Short description

The software will delete data when the cone is in transition from either clay to sand or vise-versa. To do this the software requires a range of I_c values over which the transition will be defined (typically somewhere between $1.80 < I_c < 3.0$) and a rate of change of I_c. Transitions typically occur when the rate of change of I_c is fast (i.e. delta I_c is small).

The SBT_n plot below, displays in red the detected transition layers based on the parameters listed below the graphs.





Transition layer algorithm properties		General statistics	
I_c minimum check value:	1.70	Total points in CPT file:	305
I_c maximum check value:	3.00	Total points excluded:	5
I_c change ratio value:	0.0250	Exclusion percentage:	1.64%
Minimum number of points in layer:	2	Number of layers detected:	1

:: Field input data ::

Point ID	Depth (ft)	q_c (tsf)	f_s (tsf)	u (tsf)	Fines content (%)	Unit weight (pcf)
1	0.16	311.62	2.66	-1.75	2.65	131.12
2	0.33	171.80	2.74	-1.11	7.81	129.20
3	0.49	120.01	1.95	-0.75	9.85	128.20
4	0.66	90.76	2.22	-0.48	13.53	126.83
5	0.82	76.37	2.13	-0.48	16.93	126.60
6	0.98	74.37	2.12	-0.48	17.33	125.41
7	1.15	69.36	1.41	-0.52	16.74	123.80
8	1.31	60.95	1.13	-0.63	15.86	122.08
9	1.48	61.69	1.22	-0.46	15.54	121.76
10	1.64	68.60	1.26	-0.33	15.17	122.10
11	1.80	68.23	1.25	-0.31	14.91	122.16
12	1.97	64.94	1.23	-0.29	15.47	121.86
13	2.13	59.94	1.16	-0.26	16.38	121.36
14	2.30	54.99	1.09	-0.23	17.27	120.72
15	2.46	51.54	1.02	-0.20	17.77	120.22
16	2.62	51.73	1.00	-0.21	17.46	119.95
17	2.79	54.66	0.98	-0.23	16.79	119.60
18	2.95	53.13	0.88	-0.22	16.98	118.87
19	3.12	43.96	0.77	-0.17	19.36	118.37
20	3.28	36.14	0.92	-0.12	24.23	118.70
21	3.44	32.42	1.15	-0.11	30.30	119.78
22	3.61	29.25	1.38	-0.10	34.22	121.33
23	3.77	33.62	1.76	-0.12	36.03	122.88
24	3.94	36.55	2.08	-0.21	35.40	124.15
25	4.10	39.27	2.18	-0.19	34.46	124.82
26	4.27	41.34	2.19	-0.16	32.92	125.24
27	4.43	45.17	2.30	-0.18	31.79	125.47
28	4.59	45.57	2.29	-0.20	31.40	125.85
29	4.76	46.11	2.46	-0.20	31.49	126.32
30	4.92	48.90	2.70	-0.15	31.45	126.95
31	5.09	51.55	2.86	-0.15	31.49	127.33
32	5.25	49.48	2.82	-0.13	31.60	127.38
33	5.41	48.98	2.76	-0.13	32.01	127.30
34	5.58	48.94	2.81	-0.13	32.01	127.39
35	5.74	50.33	2.90	-0.13	31.52	127.56
36	5.91	52.93	2.90	-0.13	30.62	127.66
37	6.07	54.12	2.82	-0.12	29.22	127.85
38	6.23	59.41	2.97	-0.14	27.50	128.34
39	6.40	68.07	3.23	-0.20	26.31	129.11
40	6.56	71.29	3.54	-0.21	25.78	129.80
41	6.73	72.32	3.71	-0.22	26.04	130.16
42	6.89	71.25	3.70	-0.23	26.17	130.49
43	7.05	75.01	3.97	-0.24	25.64	130.96
44	7.22	83.49	4.27	-0.29	24.91	131.52
45	7.38	86.00	4.37	-0.31	23.96	132.13
46	7.55	94.05	4.74	-0.36	23.01	132.83
47	7.71	106.05	5.22	-0.44	21.98	133.56
48	7.87	112.33	5.41	-0.49	20.84	133.81

:: Field input data :: (continued)

Point ID	Depth (ft)	q_c (tsf)	f_s (tsf)	u (tsf)	Fines content (%)	Unit weight (pcf)
49	8.04	113.79	4.96	-0.50	20.23	134.02
50	8.20	119.17	5.47	-0.54	19.67	134.62
51	8.37	136.71	6.37	-0.83	19.69	135.65
52	8.53	143.02	7.02	-0.89	19.94	136.53
53	8.69	142.22	7.50	-0.91	20.63	137.08
54	8.86	142.98	7.88	-1.01	21.26	137.28
55	9.02	143.80	8.03	-1.14	21.48	137.28
56	9.19	144.56	7.91	-1.17	21.59	137.28
57	9.35	143.76	7.94	-1.17	21.50	137.28
58	9.51	140.96	7.42	-1.09	21.60	136.99
59	9.68	133.33	6.93	-1.02	21.71	136.46
60	9.84	128.42	6.63	-0.98	21.98	136.09
61	10.01	128.37	6.62	-0.97	22.12	135.92
62	10.17	128.18	6.55	-0.95	22.46	135.88
63	10.33	123.82	6.60	-0.96	22.84	135.58
64	10.50	116.81	6.03	-0.98	24.13	135.04
65	10.66	99.37	5.68	-0.90	25.63	134.21
66	10.83	89.38	5.22	-0.94	28.14	133.26
67	10.99	75.31	4.72	-0.99	29.85	132.02
68	11.15	66.20	3.85	-0.95	31.94	131.03
69	11.32	62.06	4.00	-1.07	33.17	130.67
70	11.48	64.13	4.34	-1.82	34.04	131.22
71	11.65	68.92	4.73	-1.82	33.26	132.02
72	11.81	78.31	5.13	-1.93	31.03	132.80
73	11.98	91.98	5.28	-2.00	28.27	133.54
74	12.14	105.49	5.58	-1.81	26.28	134.50
75	12.30	118.48	6.57	-2.02	25.78	135.75
76	12.47	126.99	7.81	-2.05	26.15	136.58
77	12.63	122.53	7.63	-1.86	27.24	136.66
78	12.80	108.02	7.01	-1.72	28.24	135.99
79	12.96	101.19	6.39	-1.85	29.24	135.25
80	13.12	97.42	6.10	-2.04	29.04	134.86
81	13.29	103.20	6.10	-2.03	27.94	134.71
82	13.45	110.18	5.81	-1.96	26.27	134.81
83	13.62	118.95	5.96	-1.74	24.19	135.22
84	13.78	139.60	6.48	-2.08	22.44	135.97
85	13.94	156.44	7.00	-1.85	21.24	136.91
86	14.11	168.53	7.81	-1.91	21.02	137.28
87	14.27	167.67	8.13	-1.97	22.07	137.28
88	14.44	143.88	7.74	-1.90	24.28	137.00
89	14.60	109.65	6.41	-1.82	28.13	135.56
90	14.76	82.55	5.56	-1.74	33.03	133.93
91	14.93	68.00	5.21	-1.85	37.21	132.48
92	15.09	60.73	4.34	-2.01	41.38	130.96
93	15.26	43.80	3.58	-1.73	46.58	128.95
94	15.42	30.13	2.92	-1.82	52.56	127.10
95	15.58	31.71	2.63	-1.88	55.02	126.38
96	15.75	34.65	2.99	-1.91	52.21	127.20

:: Field input data :: (continued)

Point ID	Depth (ft)	q_c (tsf)	f_s (tsf)	u (tsf)	Fines content (%)	Unit weight (pcf)
97	15.91	41.67	3.58	-2.44	50.51	128.51
98	16.08	45.47	3.99	-2.20	46.34	129.77
99	16.24	58.12	4.26	-2.38	41.89	130.69
100	16.40	68.38	4.44	-2.37	37.76	131.39
101	16.57	74.11	4.56	-2.38	35.54	131.96
102	16.73	79.05	4.85	-2.40	34.26	132.54
103	16.90	85.94	5.21	-2.52	33.79	133.06
104	17.06	86.30	5.39	-2.50	33.26	133.34
105	17.22	88.37	5.26	-2.52	32.25	133.48
106	17.39	96.90	5.29	-2.46	30.34	133.79
107	17.55	109.03	5.64	-2.45	28.24	134.43
108	17.72	122.51	6.10	-2.44	26.22	135.11
109	17.88	136.08	6.25	-2.35	24.74	135.94
110	18.04	150.69	7.10	-2.38	23.96	136.73
111	18.21	157.74	7.75	-2.35	23.84	137.28
112	18.37	157.49	7.71	-2.31	24.01	137.28
113	18.54	153.80	7.52	-2.27	23.88	137.28
114	18.70	156.54	7.32	-2.24	23.49	137.17
115	18.86	159.66	7.13	-2.22	22.88	137.04
116	19.03	161.29	7.02	-2.18	22.46	136.94
117	19.19	161.64	6.94	-2.16	22.38	136.84
118	19.36	159.23	6.86	-2.15	22.66	136.73
119	19.52	154.13	6.82	-2.12	23.33	136.62
120	19.69	148.12	6.83	-2.10	24.23	136.56
121	19.85	144.11	6.92	-2.11	24.90	136.66
122	20.01	147.93	7.21	-2.15	25.10	137.12
123	20.18	159.75	8.00	-2.25	25.92	137.28
124	20.34	151.30	8.76	-2.29	25.92	137.28
125	20.51	172.82	9.36	-2.70	26.29	137.28
126	20.67	162.62	8.81	-3.02	26.21	137.28
127	20.83	145.12	7.91	-3.03	27.14	137.28
128	21.00	134.10	7.16	-3.39	27.81	136.54
129	21.16	124.56	6.15	-3.99	29.39	135.91
130	21.33	111.21	6.73	-4.39	31.91	135.68
131	21.49	103.28	7.13	-4.81	34.13	135.77
132	21.65	106.58	6.77	-5.18	35.82	135.62
133	21.82	94.44	6.65	-4.70	36.96	135.28
134	21.98	88.70	6.53	-3.85	38.32	135.06
135	22.15	93.36	6.49	-4.49	37.47	135.22
136	22.31	104.05	6.84	-3.95	35.43	135.80
137	22.47	116.75	7.51	-3.60	34.36	136.58
138	22.64	120.15	8.22	-3.80	33.69	137.10
139	22.80	123.25	8.07	-4.29	33.61	137.25
140	22.97	121.95	7.88	-4.46	33.70	137.13
141	23.13	117.20	7.89	-4.43	34.96	137.20
142	23.29	113.37	8.54	-3.09	36.69	137.28
143	23.46	112.68	9.01	-2.74	37.82	137.28
144	23.62	114.49	9.02	-3.37	38.43	137.28

:: Field input data :: (continued)

Point ID	Depth (ft)	q_c (tsf)	f_s (tsf)	u (tsf)	Fines content (%)	Unit weight (pcf)
145	23.79	110.72	8.91	-3.57	39.43	137.28
146	23.95	94.69	7.71	-4.36	41.65	136.10
147	24.11	74.92	5.96	-3.94	43.33	134.61
148	24.28	76.25	5.56	-3.49	43.50	133.65
149	24.44	80.13	5.68	-3.72	42.99	133.73
150	24.61	79.50	6.05	-3.96	43.27	134.00
151	24.77	79.24	6.13	-3.99	44.20	134.05
152	24.93	76.25	5.89	-3.62	45.26	133.81
153	25.10	71.17	5.69	-3.54	45.61	133.48
154	25.26	73.43	5.49	-3.32	45.46	133.45
155	25.43	77.22	5.81	-1.86	43.91	133.70
156	25.59	83.21	5.97	-1.87	42.60	134.05
157	25.75	86.58	6.01	-2.88	40.49	134.21
158	25.92	93.08	5.82	-4.22	36.90	134.63
159	26.08	116.28	6.31	-3.92	31.10	135.59
160	26.25	159.13	7.08	-2.67	26.63	137.02
161	26.41	187.27	8.25	-2.83	24.11	137.28
162	26.57	201.94	9.19	-3.29	23.82	137.28
163	26.74	192.11	9.07	-2.61	24.52	137.28
164	26.90	172.72	8.30	-2.36	25.74	137.28
165	27.07	158.79	7.66	-2.30	26.84	137.28
166	27.23	146.46	6.86	-2.27	27.80	136.66
167	27.40	135.89	6.43	-2.27	27.93	135.89
168	27.56	136.98	5.88	-2.69	28.05	135.66
169	27.72	139.78	6.37	-2.39	28.26	135.71
170	27.89	135.09	6.55	-2.52	29.46	136.27
171	28.05	137.57	7.38	-2.54	30.04	137.28
172	28.22	167.01	9.62	-2.71	27.28	137.28
173	28.38	226.70	10.59	-2.95	21.44	137.28
174	28.54	398.07	16.37	-3.84	15.99	137.28
175	28.71	467.59	13.58	-4.94	14.10	137.28
176	28.87	403.25	13.74	-3.44	14.40	137.28
177	29.04	492.84	22.81	-4.26	15.35	137.28
178	29.20	530.86	21.71	-5.26	14.95	137.28
179	29.36	448.79	14.49	-5.42	14.77	137.28
180	29.53	311.71	11.00	-7.94	16.10	137.28
181	29.69	244.09	9.61	-7.14	20.10	137.28
182	29.86	191.61	8.66	-3.96	23.39	137.28
183	30.02	172.64	7.69	-3.95	25.52	137.28
184	30.18	166.93	7.21	-3.93	26.80	137.11
185	30.35	144.26	6.71	-3.65	26.87	136.82
186	30.51	163.57	6.97	-3.62	25.86	137.09
187	30.68	191.42	7.64	-3.80	25.11	137.28
188	30.84	182.72	8.48	-3.69	25.51	137.28
189	31.00	171.63	8.17	-4.10	27.48	137.28
190	31.17	163.83	8.49	-4.12	27.90	137.28
191	31.33	170.09	7.97	-3.35	26.97	137.28
192	31.50	191.07	8.27	-3.41	24.46	137.28

:: Field input data :: (continued)

Point ID	Depth (ft)	q_c (tsf)	f_s (tsf)	u (tsf)	Fines content (%)	Unit weight (pcf)
193	31.66	222.14	8.88	-3.61	23.76	137.28
194	31.82	200.52	8.95	-3.40	24.74	137.28
195	31.99	175.87	8.81	-3.67	26.55	137.28
196	32.15	173.11	7.98	-3.32	27.21	137.28
197	32.32	175.55	7.86	-3.44	26.27	137.28
198	32.48	184.49	7.93	-3.57	26.58	137.28
199	32.64	167.88	7.97	-3.43	27.98	137.28
200	32.81	149.36	7.75	-3.33	31.06	137.28
201	32.97	127.19	7.16	-3.25	35.64	136.20
202	33.14	90.70	6.00	-3.69	42.42	134.09
203	33.30	56.99	4.09	-4.07	48.23	132.15
204	33.46	68.75	4.24	-4.12	45.73	131.68
205	33.63	96.76	4.98	-3.89	45.67	132.63
206	33.79	70.48	5.65	-3.97	45.45	133.12
207	33.96	77.34	5.09	-4.13	47.32	133.22
208	34.12	88.95	5.37	-4.38	43.06	133.46
209	34.28	97.67	5.59	-4.77	41.53	133.43
210	34.45	86.74	4.84	-4.41	43.58	132.71
211	34.61	66.29	4.31	-6.97	45.80	131.69
212	34.78	72.55	4.14	-6.79	47.81	131.44
213	34.94	74.67	4.62	-6.91	49.58	131.01
214	35.10	54.08	3.81	-6.74	54.85	129.56
215	35.27	38.88	2.53	-6.63	63.34	126.37
216	35.43	26.54	1.60	-6.45	69.95	122.74
217	35.60	22.65	1.22	-6.43	74.27	120.99
218	35.76	26.03	1.62	-6.45	67.16	121.98
219	35.93	40.74	1.96	-6.53	63.72	123.30
220	36.09	35.20	1.93	-6.50	61.03	123.41
221	36.25	32.19	1.59	-6.33	64.37	122.71
222	36.42	30.84	1.62	-6.38	65.90	122.13
223	36.58	29.94	1.62	-6.40	67.17	122.38
224	36.75	31.43	1.77	-6.43	66.04	122.52
225	36.91	33.61	1.67	-6.43	67.41	122.32
226	37.07	26.88	1.54	-6.40	68.31	121.75
227	37.24	27.62	1.46	-6.33	67.21	122.32
228	37.40	38.12	1.97	-6.34	68.97	122.26
229	37.57	23.96	1.55	-6.52	69.63	121.20
230	37.73	22.28	0.88	-6.28	70.24	118.73
231	37.89	28.10	0.84	-6.26	60.73	117.45
232	38.06	33.07	0.92	-6.19	56.38	119.01
233	38.22	36.83	1.34	-6.09	55.24	121.59
234	38.39	43.90	1.94	-6.07	51.96	124.45
235	38.55	59.28	2.51	-6.01	52.66	126.02
236	38.71	46.96	2.56	-6.02	55.12	125.90
237	38.88	36.50	1.94	-6.02	59.98	124.54
238	39.04	37.49	1.66	-5.82	59.15	124.38
239	39.21	48.18	2.40	-5.75	55.59	127.02
240	39.37	65.23	3.96	-5.69	50.90	130.49

:: Field input data :: (continued)

Point ID	Depth (ft)	q_c (tsf)	f_s (tsf)	u (tsf)	Fines content (%)	Unit weight (pcf)
241	39.53	86.35	5.37	-5.74	41.99	133.43
242	39.70	133.58	6.24	-5.88	31.32	135.22
243	39.86	192.47	5.98	-6.19	26.27	136.19
244	40.03	179.96	6.54	-6.12	28.00	135.89
245	40.19	100.34	5.90	-5.18	36.46	135.19
246	40.35	81.95	5.84	-5.01	47.87	134.39
247	40.52	85.80	6.38	-4.82	50.65	134.39
248	40.68	86.28	6.25	-4.96	52.43	134.14
249	40.85	70.16	5.50	-5.12	52.05	133.80
250	41.01	83.16	5.61	-5.00	45.35	134.51
251	41.17	133.22	6.91	-5.41	37.16	136.50
252	41.34	172.21	8.84	-5.60	33.03	137.28
253	41.50	179.27	9.95	-5.56	35.07	137.28
254	41.67	112.89	7.75	-5.25	40.91	137.28
255	41.83	83.03	6.39	-4.88	47.64	135.60
256	41.99	97.71	6.59	-4.55	43.60	136.26
257	42.16	152.38	8.78	-5.32	33.64	137.28
258	42.32	235.88	10.97	-5.52	30.47	137.28
259	42.49	203.75	11.71	-5.68	30.38	137.28
260	42.65	175.46	10.77	-5.51	31.30	137.28
261	42.81	201.56	9.24	-5.67	29.34	137.28
262	42.98	197.27	7.53	-5.76	26.84	137.28
263	43.14	186.74	7.53	-5.65	27.26	137.28
264	43.31	177.80	7.99	-5.58	28.96	137.28
265	43.47	177.30	8.41	-5.53	29.49	137.28
266	43.64	185.71	8.17	-5.36	29.31	137.28
267	43.80	187.52	8.49	-4.99	28.96	137.28
268	43.96	190.65	8.92	-4.33	28.65	137.28
269	44.13	208.16	9.51	-4.20	28.45	137.28
270	44.29	206.60	9.69	-4.16	28.18	137.28
271	44.46	209.51	9.98	-4.04	28.14	137.28
272	44.62	217.01	10.14	-3.96	27.99	137.28
273	44.78	203.63	9.08	-3.78	28.74	137.28
274	44.95	175.75	8.35	-3.46	29.80	137.28
275	45.11	176.55	8.30	-3.19	31.19	137.28
276	45.28	175.20	8.63	-3.36	31.76	137.28
277	45.44	169.94	8.60	-3.47	34.31	137.28
278	45.60	130.10	7.49	-3.45	39.96	136.56
279	45.77	79.86	5.63	-3.39	50.21	133.96
280	45.93	53.54	4.08	-3.25	62.68	130.45
281	46.10	36.98	2.61	-3.10	74.21	126.64
282	46.26	23.14	1.69	-2.82	83.00	123.03
283	46.42	22.59	1.38	-2.75	88.19	120.99
284	46.59	24.00	1.48	-2.74	82.91	120.62
285	46.75	27.57	1.37	-2.80	80.47	120.56
286	46.92	25.33	1.30	-2.94	75.45	120.41
287	47.08	29.88	1.30	-2.16	74.18	120.42
288	47.24	29.50	1.35	-2.10	71.10	120.98

:: Field input data :: (continued)

Point ID	Depth (ft)	q_c (tsf)	f_s (tsf)	u (tsf)	Fines content (%)	Unit weight (pcf)
289	47.41	32.30	1.50	-2.03	70.50	121.64
290	47.57	33.92	1.62	-1.97	69.16	122.95
291	47.74	38.29	2.08	-1.87	67.37	123.68
292	47.90	39.76	1.91	-2.05	69.46	123.39
293	48.06	28.52	1.49	-1.84	70.67	122.03
294	48.23	29.63	1.28	-1.72	71.16	120.75
295	48.39	33.40	1.25	-1.63	69.07	120.33
296	48.56	30.19	1.25	-1.52	68.74	120.10
297	48.72	29.33	1.17	-1.39	70.50	119.99
298	48.88	30.32	1.24	-1.26	69.21	120.42
299	49.05	34.21	1.41	-1.20	75.00	123.61
300	49.21	34.66	3.14	-1.07	71.53	126.05
301	49.38	49.97	3.06	-0.96	72.79	126.92
302	49.54	37.15	2.30	-0.75	70.51	125.59
303	49.70	31.39	1.79	-0.60	N/A	137.28
304	49.87	32.35	-231506.28	-0.42	N/A	137.28
305	50.03	37.64	-231506.28	-3.80	N/A	137.28

Abbreviations

Depth:	Depth from free surface, at which CPT was performed (ft)
q_c:	Measured cone resistance (tsf)
f_s:	Sleeve friction resistance (tsf)
u:	Pore pressure (tsf)
Fines content:	Percentage of fines in soil (%)
Unit weight:	Bulk soil unit weight (pcf)



Geotechnologies, Inc.

Project: The Salvation Army
File No.: 21179
Description: Liquefaction Analysis (2% Exceedance in 50 Years)
Boring No: 1

LIQUEFACTION EVALUATION (Idriss & Boulanger, EERI NO 12)

EARTHQUAKE INFORMATION:

Earthquake Magnitude (M):	6.6
Peak Ground Horizontal Acceleration, PGA (g):	0.80
Calculated Mag.Wtg.Factor:	1.267

GROUNDWATER INFORMATION:

Current Groundwater Level (ft):	51.0
Historically Highest Groundwater Level* (ft):	15.0
Unit Weight of Water (pcf):	62.4

* Based on California Geological Survey Seismic Hazard Evaluation Report

BOREHOLE AND SAMPLER INFORMATION:

Borehole Diameter (inches):	8
SPT Sampler with room for Liner (Y/N):	Y

LIQUEFACTION BOUNDARY:

Plastic Index Cut Off (PI):	18
Minimum Liquefaction FS:	1.3

Depth to Base Layer (feet)	Total Unit Weight (pcf)	Current Water Level (feet)	Historical Water Level (feet)	Field SPT Blowcount N	Depth of SPT Blowcount (feet)	Fines Content #200 Sieve (%)	Plastic Index (PI)	Vetical Stress σ_{vo} (psf)	Effective Vert. Stress σ_{vo}' (psf)	Fines Corrected $(N_1)_{60\text{-}cs}$	Stress Reduction Coeff, r_d	Cyclic Shear Ratio CSR	Cyclic Resistance Ratio (CRR)	Factor of Safety CRR/CSR (F.S.)	Liquefaction Settlment ΔS_i (inches)
1	101.6	Unsaturated	Unsaturated	16	5	0.0	0	101.6	101.6	37.9	1.00	0.522	2.000	Non-Liq.	0.00
2	101.6	Unsaturated	Unsaturated	16	5	0.0	0	203.2	203.2	37.9	1.00	0.520	2.000	Non-Liq.	0.00
3	101.6	Unsaturated	Unsaturated	16	5	0.0	0	304.8	304.8	37.9	1.00	0.518	2.000	Non-Liq.	0.00
4	101.6	Unsaturated	Unsaturated	16	5	0.0	0	406.4	406.4	37.9	0.99	0.516	2.000	Non-Liq.	0.00
5	101.6	Unsaturated	Unsaturated	16	5	0.0	0	508.0	508.0	40.7	0.99	0.514	2.000	Non-Liq.	0.00
6	101.6	Unsaturated	Unsaturated	16	5	0.0	0	609.6	609.6	39.7	0.99	0.512	2.000	Non-Liq.	0.00
7	101.6	Unsaturated	Unsaturated	16	5	0.0	0	711.2	711.2	37.3	0.98	0.510	2.000	Non-Liq.	0.00
8	108.5	Unsaturated	Unsaturated	16	5	0.0	0	819.7	819.7	34.9	0.98	0.507	1.525	Non-Liq.	0.00
9	108.5	Unsaturated	Unsaturated	16	5	0.0	0	928.2	928.2	35.0	0.97	0.505	1.530	Non-Liq.	0.00
10	109.6	Unsaturated	Unsaturated	17	10	0.0	0	1037.8	1037.8	35.2	0.97	0.503	1.622	Non-Liq.	0.00
11	109.6	Unsaturated	Unsaturated	17	10	0.0	0	1147.4	1147.4	33.6	0.96	0.500	1.173	Non-Liq.	0.00
12	109.6	Unsaturated	Unsaturated	17	10	0.0	0	1257.0	1257.0	32.2	0.96	0.498	0.919	Non-Liq.	0.00
13	109.6	Unsaturated	Unsaturated	17	10	0.0	0	1366.6	1366.6	30.9	0.95	0.495	0.756	Non-Liq.	0.00
14	109.6	Unsaturated	Unsaturated	17	10	0.0	0	1476.2	1476.2	29.8	0.95	0.492	0.639	Non-Liq.	0.00
15	109.6	Unsaturated	Unsaturated	17	15	71.8	0	1585.8	1585.8	38.2	0.94	0.490	2.000	Non-Liq.	0.00
16	109.6	Unsaturated	Saturated	17	15	71.8	0	1695.4	1633.0	37.8	0.94	0.505	2.000	4.0	0.00
17	109.6	Unsaturated	Saturated	17	15	71.8	0	1805.0	1680.2	37.3	0.93	0.520	2.000	3.8	0.00
18	133.8	Unsaturated	Saturated	17	15	71.8	0	1938.8	1751.6	36.7	0.93	0.533	2.000	3.8	0.00
19	133.8	Unsaturated	Saturated	17	15	71.8	0	2072.6	1823.0	36.2	0.92	0.544	1.888	3.5	0.00
20	133.8	Unsaturated	Saturated	21	20	0.0	0	2206.4	1894.4	38.6	0.92	0.553	2.000	3.6	0.00
21	133.8	Unsaturated	Saturated	21	20	0.0	0	2340.2	1965.8	38.0	0.91	0.562	2.000	3.6	0.00
22	133.8	Unsaturated	Saturated	21	20	0.0	0	2474.0	2037.2	37.4	0.90	0.570	2.000	3.5	0.00
23	136.4	Unsaturated	Saturated	21	20	0.0	0	2610.4	2111.2	36.9	0.90	0.576	2.000	3.5	0.00
24	136.4	Unsaturated	Saturated	21	20	0.0	0	2746.8	2185.2	36.4	0.89	0.582	1.882	3.2	0.00
25	136.4	Unsaturated	Saturated	19	25	70.6	22	2883.2	2259.2	37.3	0.89	0.587	2.000	Non-Liq.	0.00
26	136.4	Unsaturated	Saturated	19	25	70.6	22	3019.6	2333.2	36.8	0.88	0.591	2.000	Non-Liq.	0.00
27	136.4	Unsaturated	Saturated	19	25	70.6	22	3156.0	2407.2	36.4	0.87	0.595	1.851	Non-Liq.	0.00
28	115.5	Unsaturated	Saturated	19	25	70.6	22	3271.5	2460.3	38.1	0.87	0.599	2.000	Non-Liq.	0.00
29	115.5	Unsaturated	Saturated	19	25	70.6	22	3387.0	2513.4	37.8	0.86	0.602	2.000	Non-Liq.	0.00
30	115.5	Unsaturated	Saturated	17	30	49.7	0	3502.5	2566.5	33.4	0.85	0.606	0.990	1.6	0.00
31	115.5	Unsaturated	Saturated	17	30	49.7	0	3618.0	2619.6	33.2	0.85	0.608	0.942	1.5	0.00
32	115.5	Unsaturated	Saturated	17	30	49.7	0	3733.5	2672.7	32.9	0.84	0.611	0.898	1.5	0.00
33	110.0	Unsaturated	Saturated	17	30	49.7	0	3843.5	2720.3	32.7	0.84	0.613	0.863	1.4	0.00
34	110.0	Unsaturated	Saturated	17	30	49.7	0	3953.5	2767.9	32.5	0.83	0.615	0.830	1.3	0.00
35	110.0	Unsaturated	Saturated	21	35	0.0	0	4063.5	2815.5	35.0	0.82	0.617	1.289	2.1	0.00
36	110.0	Unsaturated	Saturated	21	35	0.0	0	4173.5	2863.1	34.7	0.82	0.618	1.224	2.0	0.00
37	110.0	Unsaturated	Saturated	21	35	0.0	0	4283.5	2910.7	34.5	0.81	0.619	1.164	1.9	0.00
38	119.5	Unsaturated	Saturated	21	35	0.0	0	4403.0	2967.8	34.2	0.80	0.619	1.100	1.8	0.00
39	119.5	Unsaturated	Saturated	21	35	0.0	0	4522.5	3024.9	34.0	0.80	0.619	1.041	1.7	0.00
40	119.5	Unsaturated	Saturated	15	40	99.0	30	4642.0	3082.0	27.4	0.79	0.618	0.424	Non-Liq.	0.00
41	119.5	Unsaturated	Saturated	15	40	99.0	30	4761.5	3139.1	27.2	0.78	0.618	0.415	Non-Liq.	0.00
42	119.5	Unsaturated	Saturated	15	40	99.0	30	4881.0	3196.2	27.0	0.78	0.617	0.406	Non-Liq.	0.00
43	122.7	Unsaturated	Saturated	18	45	51.8	10	5003.7	3256.5	32.5	0.77	0.616	0.797	1.3	0.04
44	122.7	Unsaturated	Saturated	18	45	51.8	10	5126.4	3316.8	32.3	0.77	0.614	0.767	1.2	0.05
45	122.7	Unsaturated	Saturated	18	45	51.8	10	5249.1	3377.1	32.1	0.76	0.613	0.739	1.2	0.05
46	122.7	Unsaturated	Saturated	18	45	51.8	10	5371.8	3437.4	31.9	0.75	0.611	0.714	1.2	0.06
47	122.7	Unsaturated	Saturated	18	45	51.8	10	5494.5	3497.7	31.7	0.75	0.609	0.690	1.1	0.06
48	121.6	Unsaturated	Saturated	15	50	83.9	18	5616.1	3556.9	26.0	0.74	0.607	0.364	Non-Liq.	0.00
49	121.6	Unsaturated	Saturated	15	50	83.9	18	5737.7	3616.1	25.8	0.73	0.605	0.358	Non-Liq.	0.00
50	121.6	Unsaturated	Saturated	15	50	83.9	18	5859.3	3675.3	25.7	0.73	0.603	0.352	Non-Liq.	0.00
													Total Liquefaction Settlement, S =		**0.26 inches**

Geotechnologies, Inc.

Project: The Salvation Army
File No.: 21179
Description: Liquefaction Analysis (2% Exceedance in 50 Years)
Boring No: 2

LIQUEFACTION EVALUATION (Idriss & Boulanger, EERI NO 12)

EARTHQUAKE INFORMATION:

Earthquake Magnitude (M):	6.6
Peak Ground Horizontal Acceleration, PGA (g):	0.80
Calculated Mag.Wtg.Factor:	1.267

GROUNDWATER INFORMATION:

Current Groundwater Level (ft):	51.0
Historically Highest Groundwater Level* (ft):	15.0
Unit Weight of Water (pcf):	62.4

* Based on California Geological Survey Seismic Hazard Evaluation Report

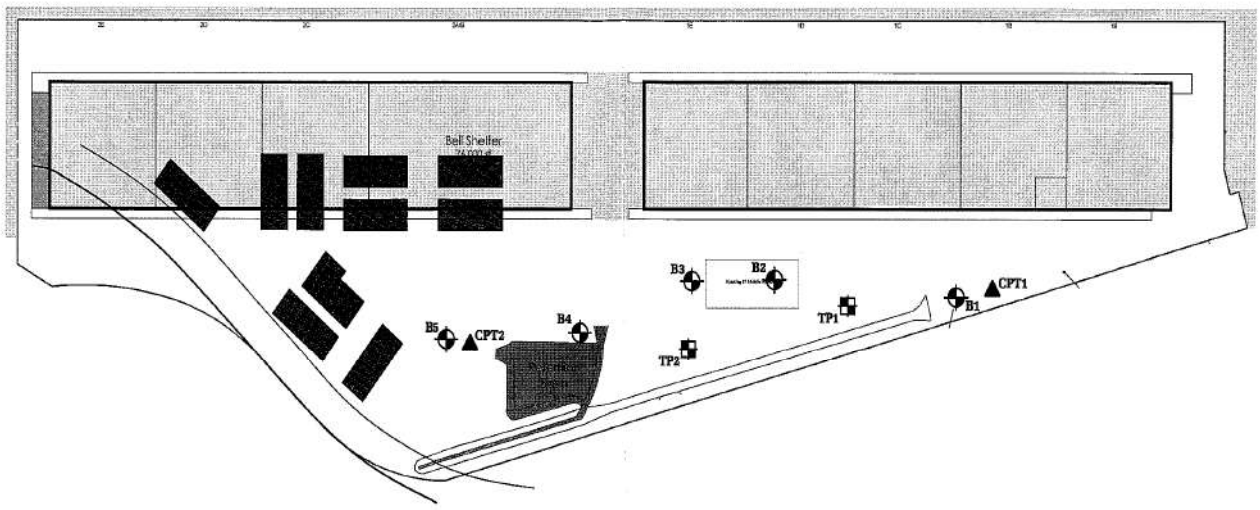
BOREHOLE AND SAMPLER INFORMATION:

Borehole Diameter (inches):	8
SPT Sampler with room for Liner (Y/N):	Y

LIQUEFACTION BOUNDARY:

Plastic Index Cut Off (PI):	18
Minimum Liquefaction FS:	1.3

Depth to Base Layer (feet)	Total Unit Weight (pcf)	Current Water Level (feet)	Historical Water Level (feet)	Field SPT Blowcount N	Depth of SPT Blowcount (feet)	Fines Content #200 Sieve (%)	Plastic Index (PI)	Vetical Stress σ_{vo} (psf)	Effective Vert. Stress σ_{vo}' (psf)	Fines Corrected $(N_1)_{60\text{-}cs}$	Stress Reduction Coeff, r_d	Cyclic Shear Ratio CSR	Cyclic Resistance Ratio (CRR)	Factor of Safety CRR/CSR (F.S.)	Liquefaction Settlment ΔS_i (inches)
1	101.6	Unsaturated	Unsaturated	16	5	0.0	0	101.6	101.6	37.9	1.00	0.522	2.000	Non-Liq.	0.00
2	101.6	Unsaturated	Unsaturated	16	5	0.0	0	203.2	203.2	37.9	1.00	0.520	2.000	Non-Liq.	0.00
3	101.6	Unsaturated	Unsaturated	16	5	0.0	0	304.8	304.8	37.9	1.00	0.518	2.000	Non-Liq.	0.00
4	101.6	Unsaturated	Unsaturated	16	5	0.0	0	406.4	406.4	37.9	0.99	0.516	2.000	Non-Liq.	0.00
5	101.6	Unsaturated	Unsaturated	16	5	0.0	0	508.0	508.0	40.7	0.99	0.514	2.000	Non-Liq.	0.00
6	101.6	Unsaturated	Unsaturated	16	5	0.0	0	609.6	609.6	39.7	0.99	0.512	2.000	Non-Liq.	0.00
7	101.6	Unsaturated	Unsaturated	16	5	0.0	0	711.2	711.2	37.3	0.98	0.510	2.000	Non-Liq.	0.00
8	101.4	Unsaturated	Unsaturated	19	10	0.0	0	812.6	812.6	40.6	0.98	0.507	2.000	Non-Liq.	0.00
9	101.4	Unsaturated	Unsaturated	19	10	0.0	0	914.0	914.0	40.9	0.97	0.505	2.000	Non-Liq.	0.00
10	101.4	Unsaturated	Unsaturated	19	10	0.0	0	1015.4	1015.4	39.3	0.97	0.503	2.000	Non-Liq.	0.00
11	101.4	Unsaturated	Unsaturated	19	10	0.0	0	1116.8	1116.8	38.0	0.96	0.500	2.000	Non-Liq.	0.00
12	101.4	Unsaturated	Unsaturated	19	10	0.0	0	1218.2	1218.2	36.7	0.96	0.498	2.000	Non-Liq.	0.00
13	112.4	Unsaturated	Unsaturated	19	15	0.0	0	1330.6	1330.6	35.3	0.95	0.495	1.646	Non-Liq.	0.00
14	112.4	Unsaturated	Unsaturated	19	15	0.0	0	1443.0	1443.0	34.0	0.95	0.492	1.266	Non-Liq.	0.00
15	112.4	Unsaturated	Unsaturated	19	15	0.0	0	1555.4	1555.4	37.3	0.94	0.490	2.000	Non-Liq.	0.00
16	112.4	Unsaturated	Saturated	19	15	0.0	0	1667.8	1605.4	36.8	0.94	0.506	2.000	4.0	0.00
17	112.4	Unsaturated	Saturated	19	15	0.0	0	1780.2	1655.4	36.3	0.93	0.520	2.000	3.8	0.00
18	114.3	Unsaturated	Saturated	19	15	0.0	0	1894.5	1707.3	35.8	0.93	0.534	1.782	3.3	0.00
19	114.3	Unsaturated	Saturated	19	15	0.0	0	2008.8	1759.2	35.4	0.92	0.546	1.595	2.9	0.00
20	114.3	Unsaturated	Saturated	29	20	0.0	0	2123.1	1811.1	53.6	0.92	0.557	2.000	3.6	0.00
21	114.3	Unsaturated	Saturated	29	20	0.0	0	2237.4	1863.0	53.2	0.91	0.567	2.000	3.5	0.00
22	114.3	Unsaturated	Saturated	29	20	0.0	0	2351.7	1914.9	52.8	0.90	0.576	2.000	3.5	0.00
23	131.2	Unsaturated	Saturated	29	20	0.0	0	2482.9	1983.7	52.3	0.90	0.583	2.000	3.4	0.00
24	131.2	Unsaturated	Saturated	29	20	0.0	0	2614.1	2052.5	51.9	0.89	0.590	2.000	3.4	0.00
25	131.2	Unsaturated	Saturated	30	25	0.0	0	2745.3	2121.3	53.2	0.89	0.595	2.000	3.4	0.00
26	131.2	Unsaturated	Saturated	30	25	0.0	0	2876.5	2190.1	52.7	0.88	0.600	2.000	3.3	0.00
27	131.2	Unsaturated	Saturated	30	25	0.0	0	3007.7	2258.9	52.3	0.87	0.604	2.000	3.3	0.00
28	111.8	Unsaturated	Saturated	30	25	0.0	0	3119.5	2308.3	54.7	0.87	0.608	2.000	3.3	0.00
29	111.8	Unsaturated	Saturated	30	25	0.0	0	3231.3	2357.7	54.4	0.86	0.613	2.000	3.3	0.00
30	111.8	Unsaturated	Saturated	47	30	0.0	0	3343.1	2407.1	84.8	0.85	0.616	2.000	3.2	0.00
31	111.8	Unsaturated	Saturated	47	30	0.0	0	3454.9	2456.5	84.4	0.85	0.619	2.000	3.2	0.00
32	111.8	Unsaturated	Saturated	47	30	0.0	0	3566.7	2505.9	83.9	0.84	0.622	2.000	3.2	0.00
33	129.3	Unsaturated	Saturated	20	35	0.0	0	3696.0	2572.8	34.1	0.84	0.623	1.111	1.8	0.00
34	129.3	Unsaturated	Saturated	20	35	0.0	0	3825.3	2639.7	33.7	0.83	0.624	1.032	1.7	0.00
35	129.3	Unsaturated	Saturated	20	35	0.0	0	3954.6	2706.6	33.4	0.82	0.624	0.964	1.5	0.00
36	129.3	Unsaturated	Saturated	20	35	0.0	0	4083.9	2773.5	33.0	0.82	0.624	0.904	1.4	0.00
37	128.7	Unsaturated	Saturated	20	35	0.0	0	4212.6	2839.8	32.7	0.81	0.624	0.851	1.4	0.00
38	128.7	Unsaturated	Saturated	18	40	47.4	0	4341.3	2906.1	33.9	0.80	0.623	1.040	1.7	0.00
39	128.7	Unsaturated	Saturated	18	40	47.4	0	4470.0	2972.4	33.6	0.80	0.623	0.983	1.6	0.00
40	128.7	Unsaturated	Saturated	18	40	47.4	0	4598.7	3038.7	33.3	0.79	0.621	0.932	1.5	0.00
41	128.7	Unsaturated	Saturated	18	40	47.4	0	4727.4	3105.0	33.1	0.78	0.620	0.886	1.4	0.00
42	128.7	Unsaturated	Saturated	18	40	47.4	0	4856.1	3171.3	32.8	0.78	0.619	0.845	1.4	0.00
43	131.6	Unsaturated	Saturated	18	40	47.4	0	4987.7	3240.5	32.6	0.77	0.617	0.806	1.3	0.00
44	131.6	Unsaturated	Saturated	18	40	47.4	0	5119.3	3309.7	32.3	0.77	0.615	0.770	1.3	0.05
45	131.6	Unsaturated	Saturated	27	45	0.0	0	5250.9	3378.9	44.6	0.76	0.613	2.000	3.3	0.00
46	131.6	Unsaturated	Saturated	27	45	0.0	0	5382.5	3448.1	44.3	0.75	0.610	2.000	3.3	0.00
47	131.6	Unsaturated	Saturated	27	45	0.0	0	5514.1	3517.3	44.1	0.75	0.608	2.000	3.3	0.00
48	123.0	Unsaturated	Saturated	27	45	0.0	0	5637.1	3577.9	43.9	0.74	0.606	2.000	3.3	0.00
49	123.0	Unsaturated	Saturated	27	45	0.0	0	5760.1	3638.5	43.7	0.73	0.604	2.000	3.3	0.00
50	123.0	Unsaturated	Saturated	19	50	91.4	0	5883.1	3699.1	32.8	0.73	0.601	0.812	1.4	0.00
													Total Liquefaction Settlement, S =		**0.05 inches**



SCALE IN FEET

0 40 80

LEGEND

B5 ⊕ LOCATION & NUMBER OF BORING

TP2 ■ LOCATION & NUMBER OF TEST PIT

CPT2 ▲ LOCATION & NUMBER OF CPT

■ APPROXIMATE LOCATION OF PROPOSED BUILDING

REFERENCE: SITE PLAN PROVIDED BY THE CLIENT
NOT DATED

PLOT PLAN

Geotechnologies, Inc.
Consulting Geotechnical Engineers

THE SALVATION ARMY
USA WESTERN TERRITORY

FILE No. 19372	DRAWN BY: BA
DATE: November 07'	SHEET: 1 of 1

BORING LOG NUMBER 1

Drilling Date: 12/27/06

Project: File No. 19372 **The Salvation Army**

km

Sample Depth ft.	Blows per ft.	Moisture content %	Dry Density p.c.f.	Depth in feet	USCS Class.	Description Surface Conditions: 3-inch Asphalt over 6-inch Base
				0		FILL: Silty Sand, yellowish-brown to medium brown, moist, medium dense, fine grained
1	13	17.7	100.3	1	SM	Silty Sand, medium brown, moist, medium dense to dense, fine grained
				2		
3	15	9.6	98.2	3		
				4		
5	17	18.8	102.0	5		yellowish-brown, moist, medium dense to dense, fine grained
				6		
7	26	29.1	90.1	7	ML/CL	Clayey Silt to Silty Clay, light gray, very moist, medium stiff to stiff
				8		
				9		
10	27	25.2	98.8	10		
				11		
				12		
				13		
				14		
15	34	14.8	118.5	15	SC	Clayey Sand, light brown, moist, dense, fine grained
				16		
				17		
				18		
				19		
20	50	25.6	96.2	20	SC/SM	Clayey Sand to Silty Sand, light brown to yellowish-brown, moist, dense, fine grained, occasional gravel
				21		
				22		Total depth: 20 feet No Water Fill to 1 foot
				23		
				24		
				25		NOTE: The stratification lines represent the approximate boundary between earth types; the transition may be gradual
				26		Used 8-inch diameter Hollow-Stem Auger 140-lb. Slide Hammer, 30-inch drop
				27		Modified California Sampler used unless otherwise noted
				28		SPT=Standard Penetration Test
				29		
				30		

BORING LOG NUMBER 2

Drilling Date: 12/27/06

Project: File No. 19372 **The Salvation Army**

km

Sample Depth ft.	Blows per ft.	Moisture content %	Dry Density p.c.f.	Depth in feet	USCS Class.	Description Surface Conditions: 3-inch Asphalt over 3-inch Base
				0		FILL: Silty Sand, yellowish-orange, moist, medium dense, fine grained
				1	SP	Sand, light brown, moist, medium dense, fine grained
2	22	19.5	86.1	2	SP/SM	Sand to Silty Sand, olive-brown, moist, medium dense to dense, fine grained
				3		
4	15	9.7	99.9	4	SM	Silty Sand, olive brown, moist, medium dense to dense, fine grained
				5		
				6		
7	48	10.7	107.3	7		medium brown to yellowish-brown, moist, dense, fine grained
				8		
				9		
10	35	26.8	81.2	10	ML	Clayey Silt, light gray, moist, stiff, fine grained
				11		
				12		
				13		
				14		
15	28	25.1	98.8	15		
				16		
				17		
				18		
				19		
20	39	13.8	114.9	20	SC	Clayey Sand, light brown to light gray, moist, dense, fine grained
				21		Total depth: 20 feet No Water Fill to 1 foot
				22		
				23		
				24		
				25		
				26		
				27		
				28		
				29		
				30		

BORING LOG NUMBER 3

Drilling Date: 12/27/06

Project: File No. 19372 **The Salvation Army**

km

Sample Depth ft.	Blows per ft.	Moisture content %	Dry Density p.c.f.	Depth in feet	USCS Class.	Description Surface Conditions: 3-inch Asphalt over 3-inch Base
				0		FILL: Silty Sand, yellowish-brown, moist, medium dense, fine grained
1	28	1.4	96.6	1	SP	Sand, tan, slightly moist, dense, fine grained
				2		
3	12	16.3	97.6	3	SP/SM	Sand to Silty Sand, tan, light to olive-brown, moist, medium dense, fine grained
				4		
5	15	12.9	100.2	5		
				6		
7	31	13.5	98.6	7		Sand to Silty Sand, yellowish-brown, moist, dense, fine grained
				8		
				9		
10	29	27.9	88.8	10	ML	Clayey Silt, olive-brown, very moist, medium stiff, fine grained
				11		
				12		
				13		
				14		
15	21	39.9	85.0	15	CL	Silty Clay, light gray, very moist, medium stiff, fine grained
				16		
				17		
				18		
				19		
20	25	17.2	112.0	20	SM	Silty Sand, yellowish-brown, moist, dense, fine grained
				21		Total depth: 20 feet No Water Fill to 1 foot
				22		
				23		
				24		
				25		
				26		
				27		
				28		
				29		
				30		

BORING LOG NUMBER 4

Drilling Date: 12/27/06

Project: File No. 19372 **The Salvation Army**

km

Sample Depth ft.	Blows per ft.	Moisture content %	Dry Density p.c.f.	Depth in feet	USCS Class.	Description Surface Conditions: 3-inch Asphalt over 3-inch Base
				0 --		FILL: Silty Sand, medium brown, moist, medium dense, fine grained
				1 --		
2	39	1.8	96.1	2 --	SP	Sand, tanish-white, slightly moist, dense, fine grained
				3 --		
4	27	1.5	91.1	4 --		
				5 --		
				6 --		
7	30	10.1	100.6	7 --	SM	Silty Sand, brown to yellowish-brown, moist, dense, fine grained
				8 --		
				9 --		
10	25	28.6	92.6	10 --	ML	Sandy Silt, olive-brown, moist, medium stiff, fine grained
				11 --		
				12 --		
				13 --		
				14 --		
15	46	13.1	96.6	15 --	SP	Sand, yellowish-brown to light gray, moist, dense, fine grained
				16 --		
				17 --		
				18 --		
				19 --		
20	35	13.9	110.7	20 --		Total depth: 20 feet No Water Fill to 1½ feet
				21 --		
				22 --		
				23 --		
				24 --		
				25 --		
				26 --		
				27 --		
				28 --		
				29 --		
				30 --		

BORING LOG NUMBER 5

Drilling Date: 12/27/06

Project: File No. 19372 **The Salvation Army**

km

Sample Depth ft.	Blows per ft.	Moisture content %	Dry Density p.c.f.	Depth in feet	USCS Class.	Description Surface Conditions: 3-inch Asphalt over 4-inch Base
				0 --		FILL: Silty Sand, medium brown, moist, medium dense, fine grained
				1 --		
				2 --	SP	Sand, tanish-white, slightly moist, medium dense, fine grained
2½	26	3.0	95.7	3 --		
				4 --		
5	4	20.2	SPT	5 --	SP/SM	Sand to Silty Sand, tanish-white to olive-gray, moist, loose, fine grained
				6 --		
				7 --		
7½	30	12.7	109.4	8 --	SM	Silty Sand, yellowish-brown to olive-brown, moist, dense, fine grained
				9 --		
10	12	12.2	SPT	10 --		
				11 --		
				12 --		
12½	26	20.6	104.3	13 --	SC	Clayey Sand, olive-brown, moist, dense, fine grained
				14 --		
15	16	17.2	SPT	15 --		
				16 --		
				17 --		
17½	14	22.2	94.3	18 --	ML/SC	Clayey Silt to Clayey Sand, light gray to olive-gray, moist, medium dense to medium stiff, fine grained
				19 --		
20	15	21.9	SPT	20 --		
				21 --		
				22 --		
22½	24 50/6"	19.9	105.9	23 --	SP	Sand, yellowish-brown with tanish-white, moist, very dense, fine grained
				24 --		
25	35	33.0	SPT	25 --	ML	Clayey Silt, olive-green to olive-gray, very moist, stiff, fine grained
				26 --		
				27 --		
27½	27	16.6	109.2	28 --		Sandy Silt, medium brown to yellowish-brown, moist, stiff, fine grained
				29 --		
30	22	18.3	SPT	30 --		

BORING LOG NUMBER 5

Project: File No. 19372 — **The Salvation Army**

km

Sample Depth ft.	Blows per ft.	Moisture content %	Dry Density p.c.f.	Depth in feet	USCS Class.	Description
				31 --		
				32 --		
32½	21 50/6"	18.9	106.5	33 --		light brown, moist, stiff, fine grained
				34 --		
35	28	16.0	SPT	35 --	SM	Silty Sand, brown to light gray, moist, medium dense to dense, fine grained
				36 --		
				37 --		
37½	52	13.6	119.0	38 --		
				39 --		
40	24	12.2	SPT	40 --		orange to light gray, moist, medium dense to dense, fine grained
				41 --		
				42 --		
42½	27 50/6"	13.7	114.7	43 --		
				44 --		
45	50/6"	7.3	SPT	45 --		
				46 --		
				47 --		
47½	25 50/5"	23.7	95.3	48 --	SC/ML	Clayey Sand to Sandy Silt, light gray to olive-gray, moist, very dense to very stiff, fine grained
				49 --		
50	50/5"	19.9	SPT	50 --		Total depth: 50 feet No Water Fill to 1½ feet
				51 --		
				52 --		
				53 --		
				54 --		
				55 --		
				56 --		
				57 --		
				58 --		
				59 --		
				60 --		

LOG OF TEST PIT NUMBER 1

Drilling Date: 12/27/06

Project: File No. 19372 **The Salvation Army**

km

Sample Depth ft.	Moisture Content %	Dry Density p.c.f.	Depth in feet	USCS Class.	Description Surface Conditions: Lawn Area
			0 --		FILL: Silty Sand, medium brown, moist, medium dense, fine grained
1	4.0	100.7	1 --	SM	Silty Sand, yellowish-brown, moist, medium dense, fine grained, occasional gravel
			2 --		
3	21.2	87.8	3 --	SP/SM	Sand to Silty Sand, olive-gray, moist, medium dense, fine grained
			4 --		
5	11.5	101.0	5 --	SM	Silty Sand, olive-brown, moist, medium dense to dense, fine grained
			6 --		
7	11.0	105.5	7 --		
			8 --		
			9 --		
10	24.0	85.5	10 --	SM/ML	Silty Sand to Sandy Silt, light gray yellowish-brown, moist, medium dense to medium stiff, fine grained
			11 --		
			12 --		
			13 --		
			14 --		
15	21.0	97.0	15 --	SM	Silty Sand, olive-brown, moist, dense, fine grained
			16 --		
			17 --		
			18 --		
			19 --		
20	14.1	106.2	20 --		Total depth: 20 feet No Water Fill to 1 foot
			21 --		
			22 --		
			23 --		
			24 --		
			25 --		
			26 --		
			27 --		
			28 --		
			29 --		
			30 --		

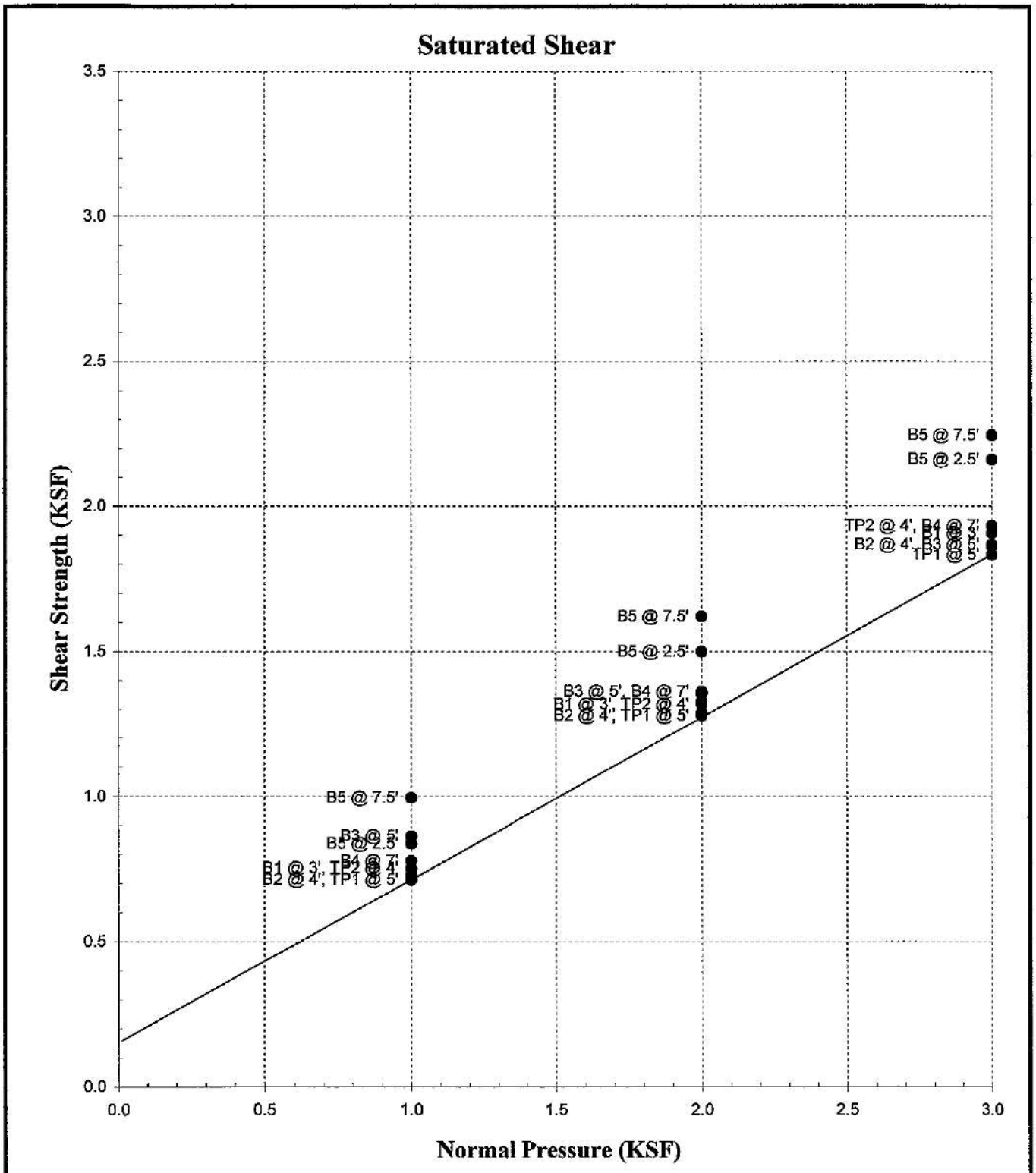
LOG OF TEST PIT NUMBER 2

Drilling Date: 12/27/06

Project: File No. 19372 **The Salvation Army**

km

Sample Depth ft.	Moisture Content %	Dry Density p.c.f.	Depth in feet	USCS Class.	Description Surface Conditions: Lawn Area
			0 --		FILL: Silty Sand, medium brown, moist, medium dense, fine grained
			1 --	SM	Silty Sand, yellowish-brown, moist, medium dense, fine grained
2	1.6	83.4	2 --	SP	Sand, white, slightly moist, medium dense, fine grained
			3 --		
4	2.7	93.3	4 --	SP/SM	Sand to Silty Sand, tanish-white to medium brown, slightly moist, medium dense to dense, fine grained
			5 --		
			6 --		
7	6.1	93.1	7 --	SM	Silty Sand, yellowish-brown, slightly moist, medium dense to dense, fine grained
			8 --		
			9 --		
10	8.0	81.5	10 --		
			11 --		
			12 --		
			13 --		
			14 --		
15	18.3	91.7	15 --	SM/ML	Silty Sand with Claycy Silt, yellowish-brown to light gray, moist, dense to stiff, fine grained
			16 --		
			17 --		
			18 --		
			19 --		
20	8.7	111.3	20 --	SP/SM	Silty Sand to Sand, yellowish-brown to light gray, slightly moist, dense, fine grained
			21 --		
			22 --		Total depth: 20 feet No Water Fill to 1 foot
			23 --		
			24 --		
			25 --		
			26 --		
			27 --		
			28 --		
			29 --		
			30 --		



ϕ: 29.0 degrees
c: 170.0 psf

SHEAR TEST DIAGRAM

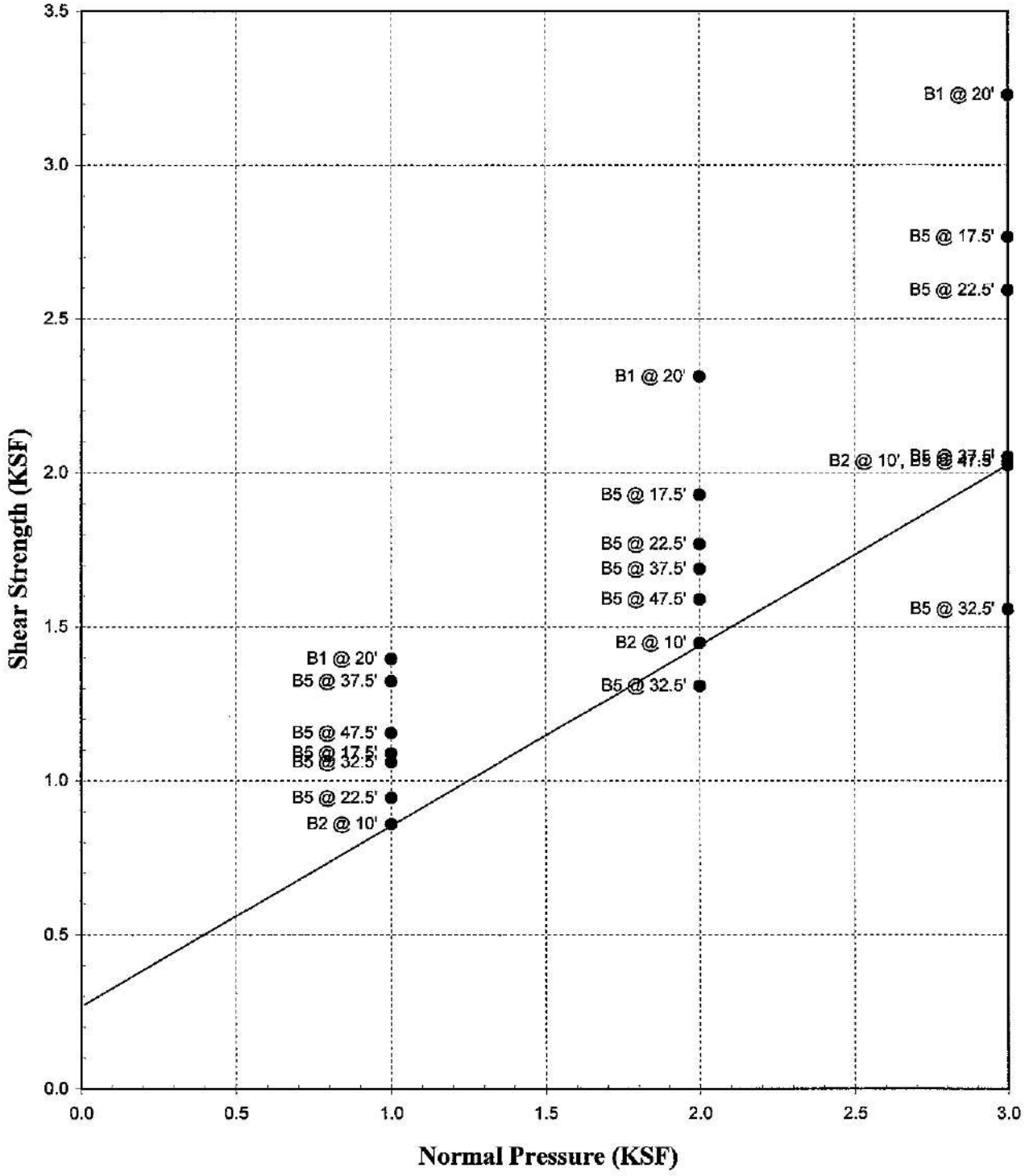
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PROJECT: THE SALVATION ARMY

FILE NO.: 19372

PLATE: B-1

Saturated Shear



ϕ: 30.5 degrees
c: 270.0 psf

SHEAR TEST DIAGRAM

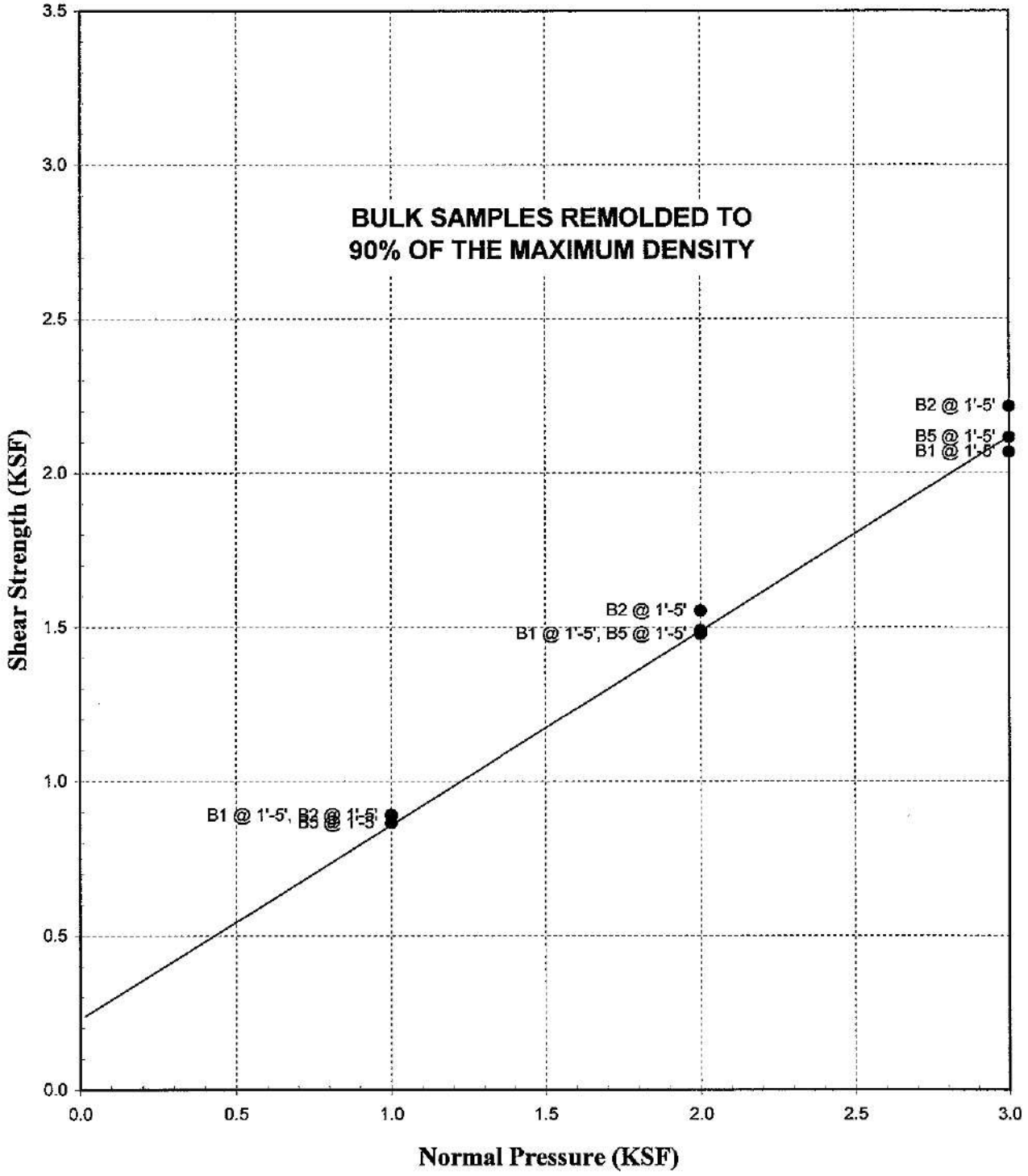
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PROJECT: THE SALVATION ARMY

FILE NO.: 19372

PLATE: B-2

Saturated Shear



ϕ: 32.0 degrees
c: 240.0 psf

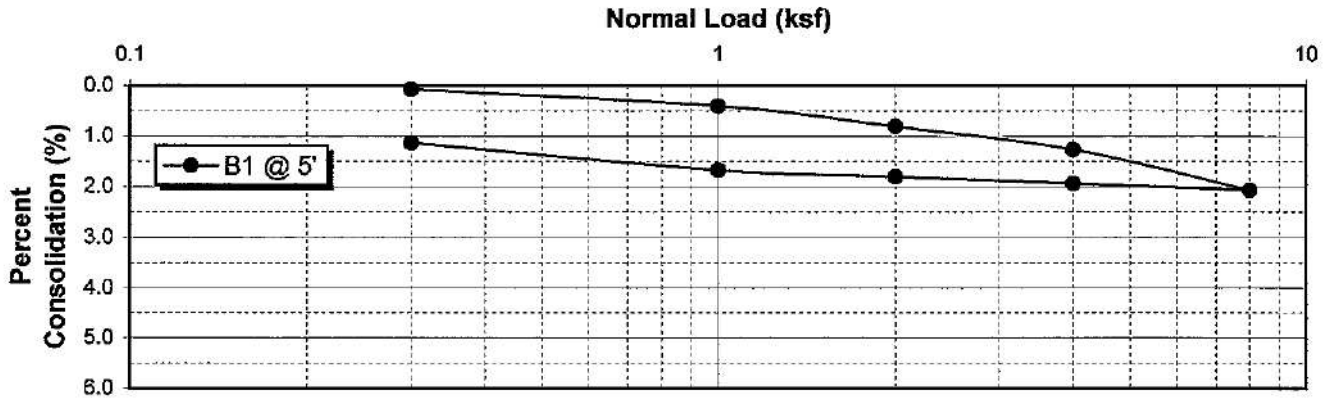
SHEAR TEST DIAGRAM

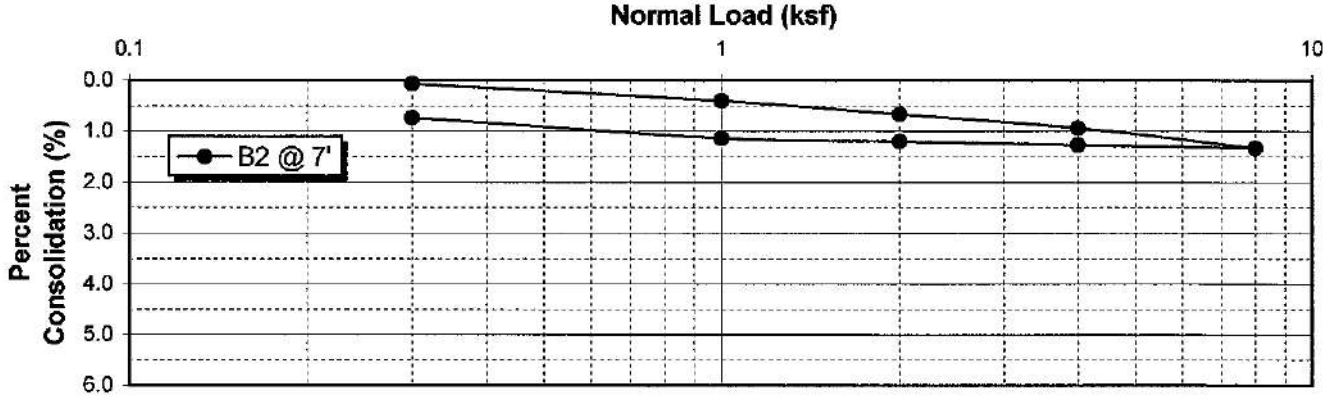
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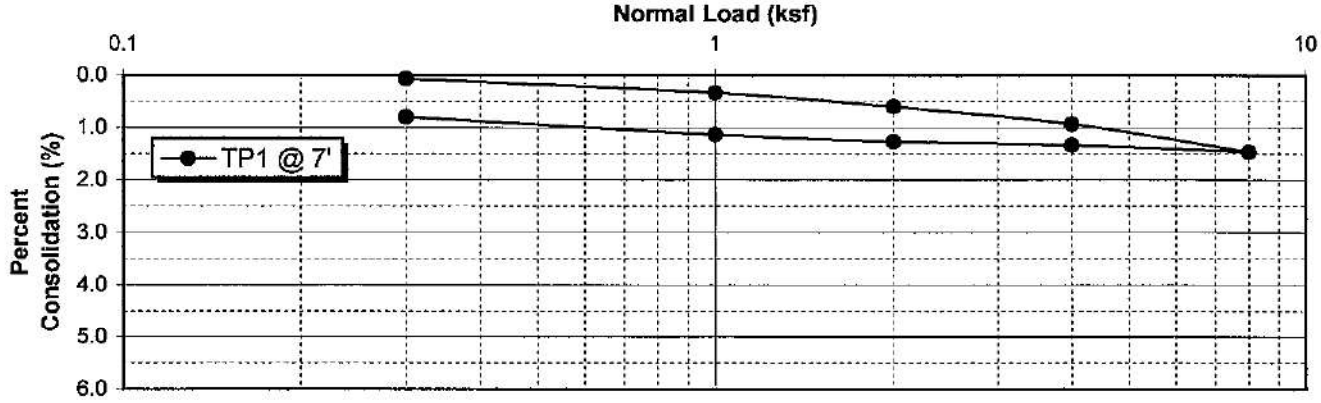
PROJECT: THE SALVATION ARMY

FILE NO.: 19372

PLATE: B-3







Water added at 2 KSF

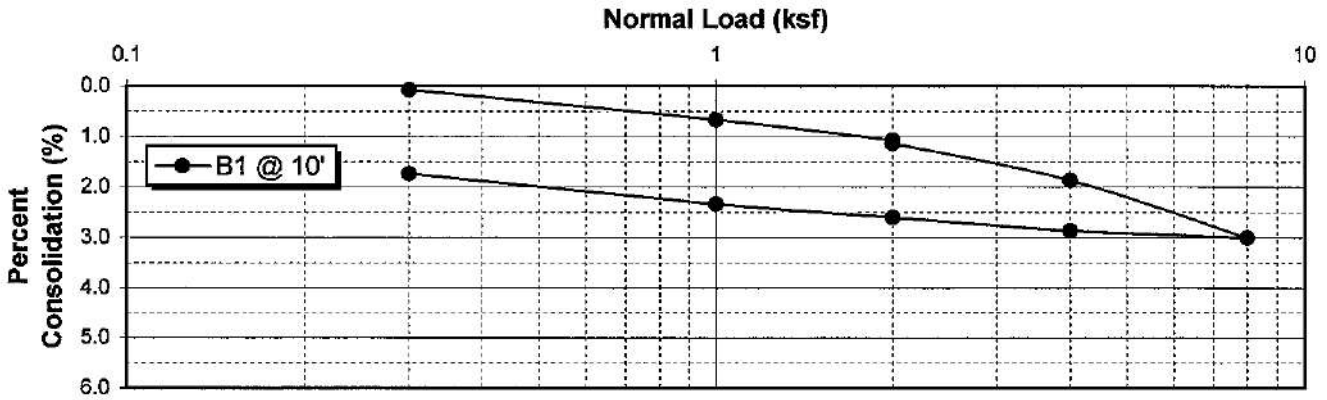
CONSOLIDATION

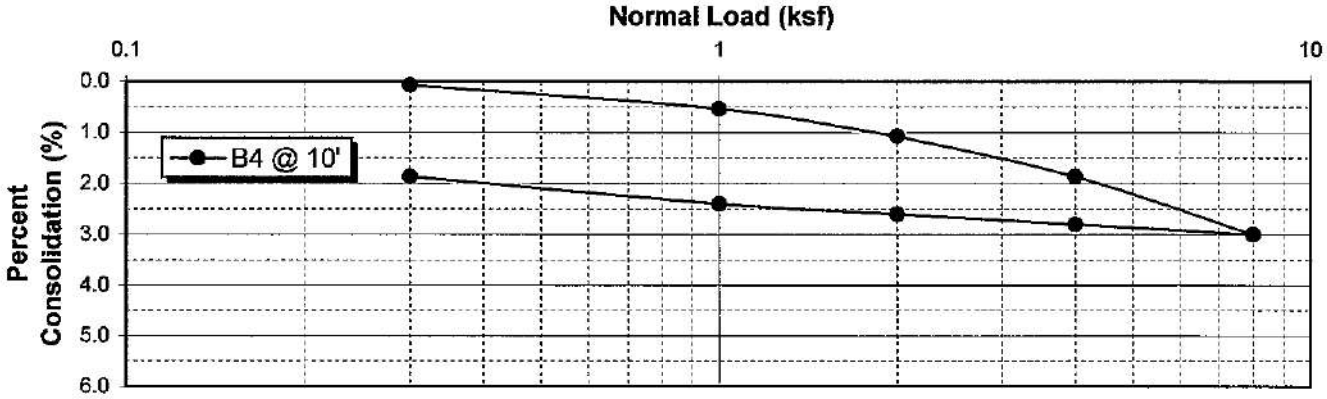
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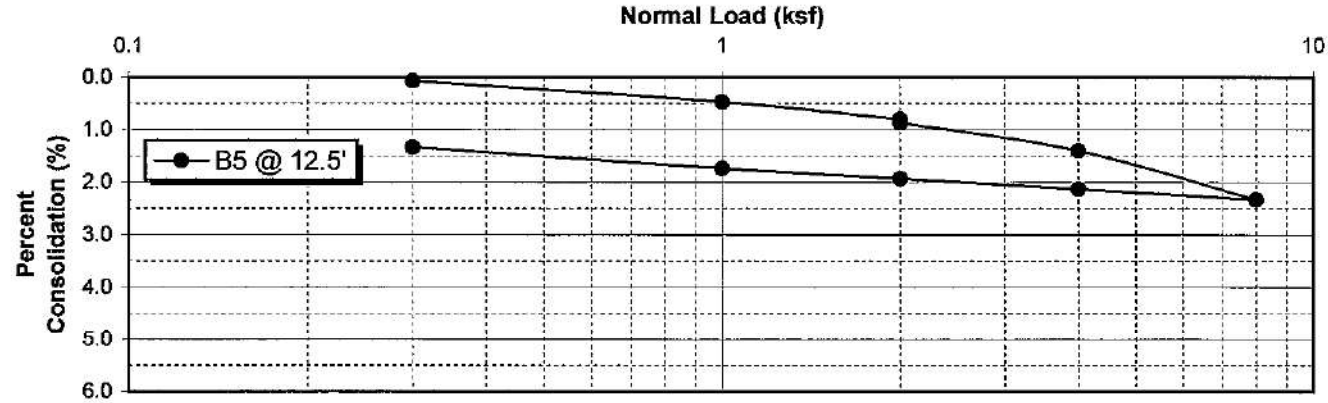
PROJECT: THE SALVATION ARMY

FILE NO. 19372

PLATE: C-1







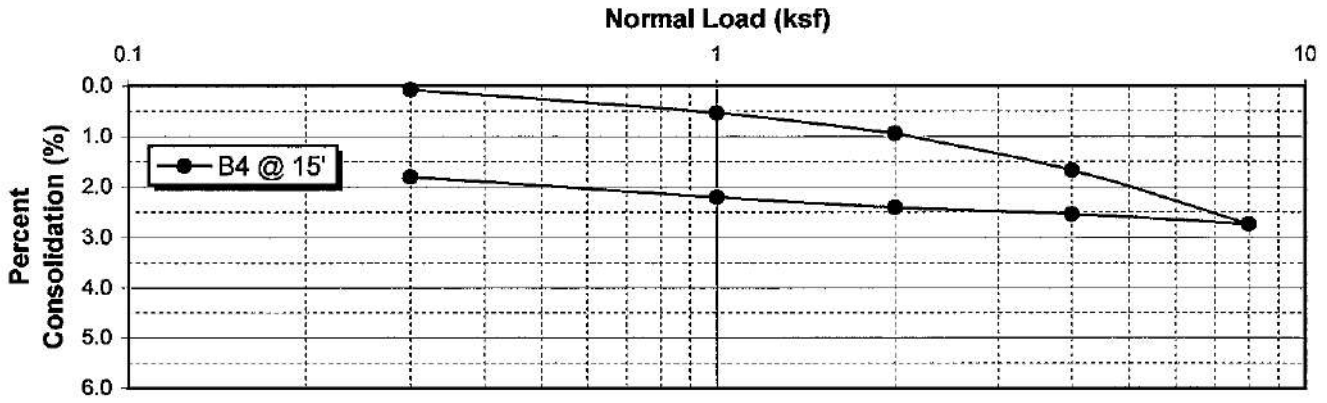
Water added at 2 KSF

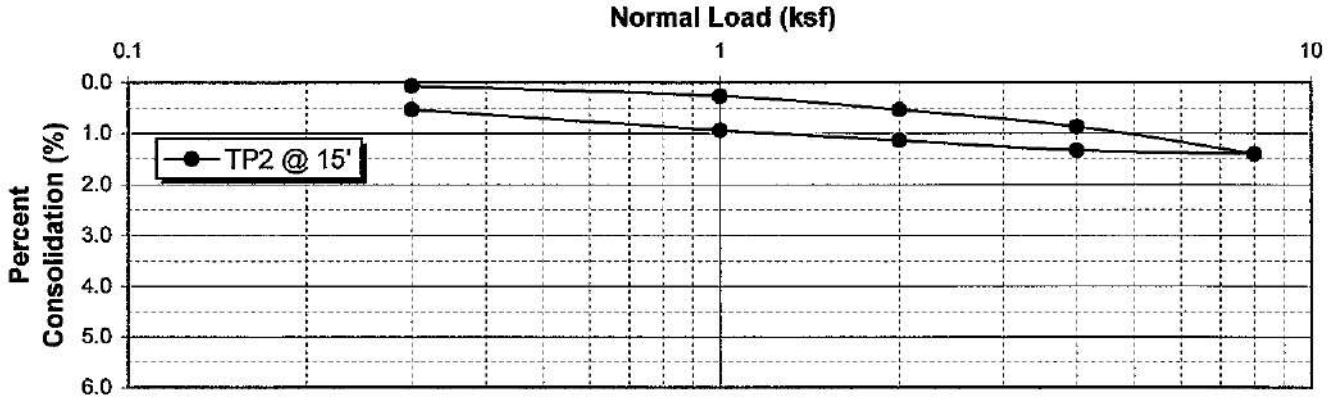
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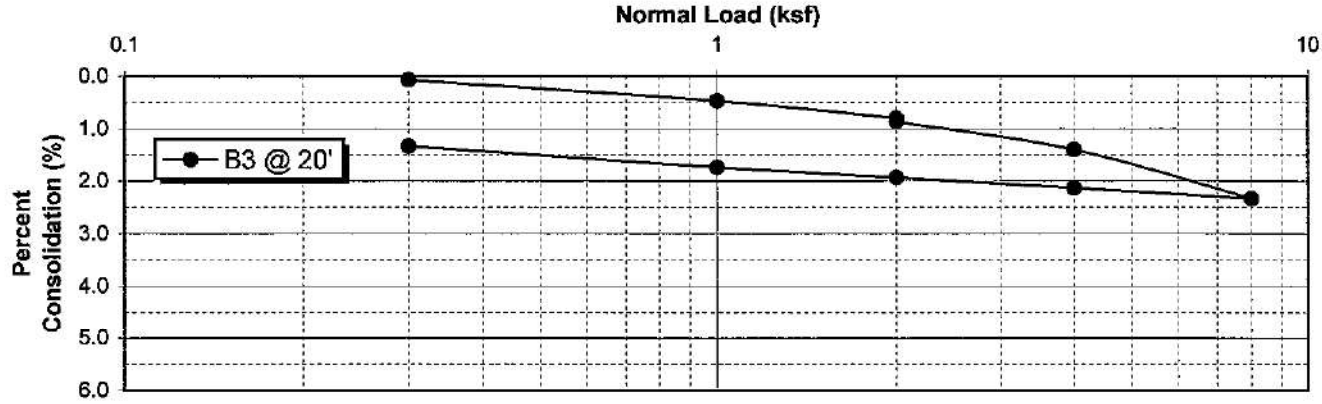
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PROJECT: THE SALVATION ARMY

FILE NO. 19372 | PLATE: C-2







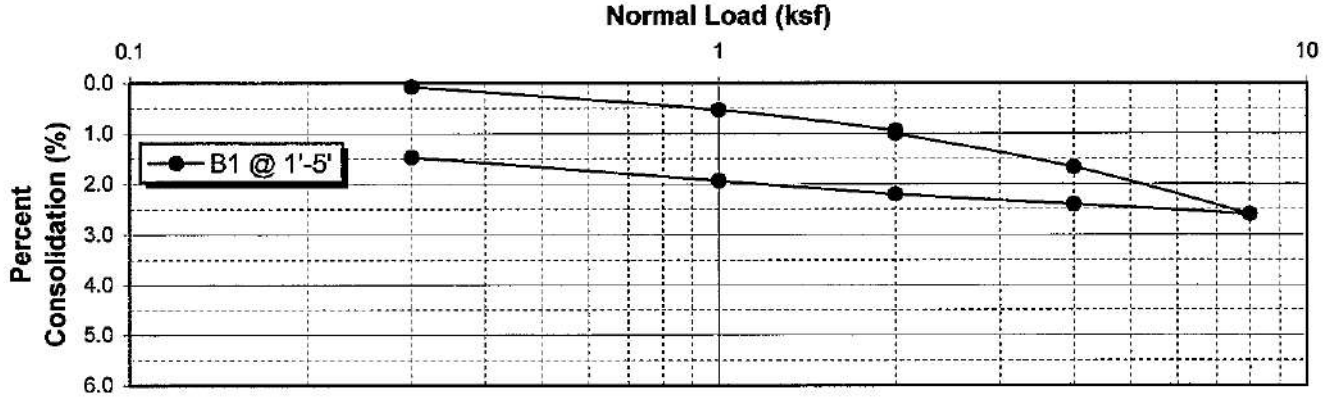
Water added at 2 KSF

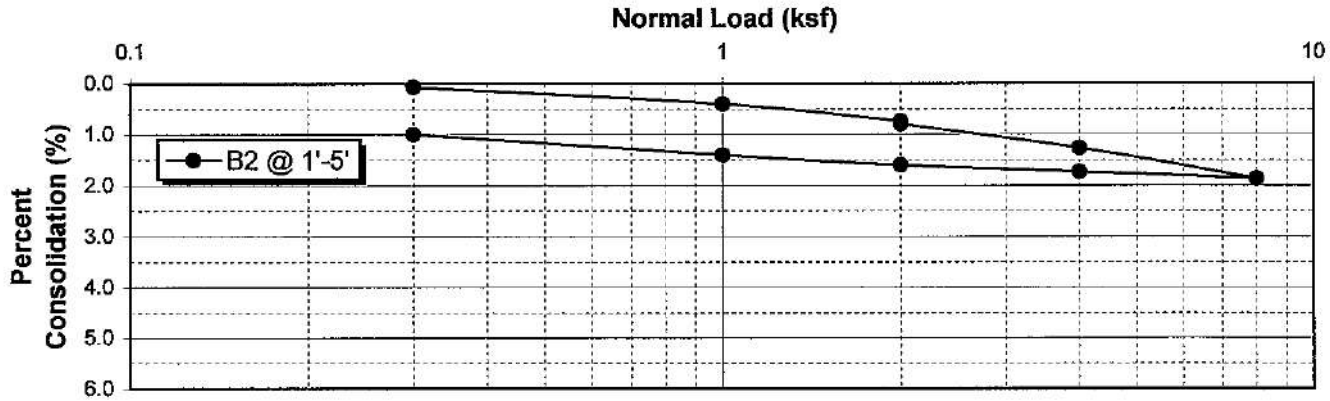
CONSOLIDATION

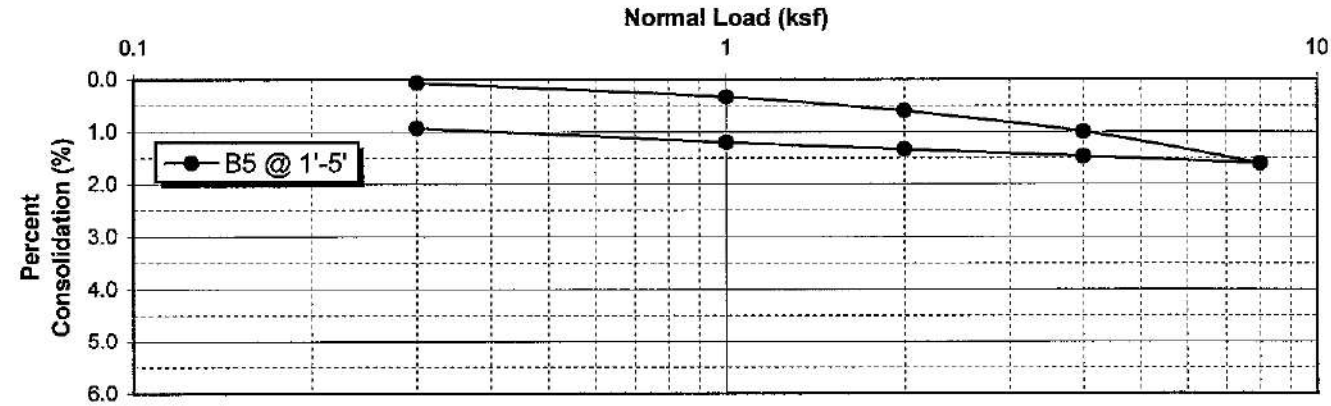
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PROJECT: THE SALVATION ARMY

FILE NO. 19372 | PLATE: C-3







Water added at 2 KSF

CONSOLIDATION

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PROJECT: THE SALVATION ARMY

FILE NO. 19372 | PLATE: C-4

COMPACTION/EXPANSION/SULFATE DATA SHEET

ASTM D-1557

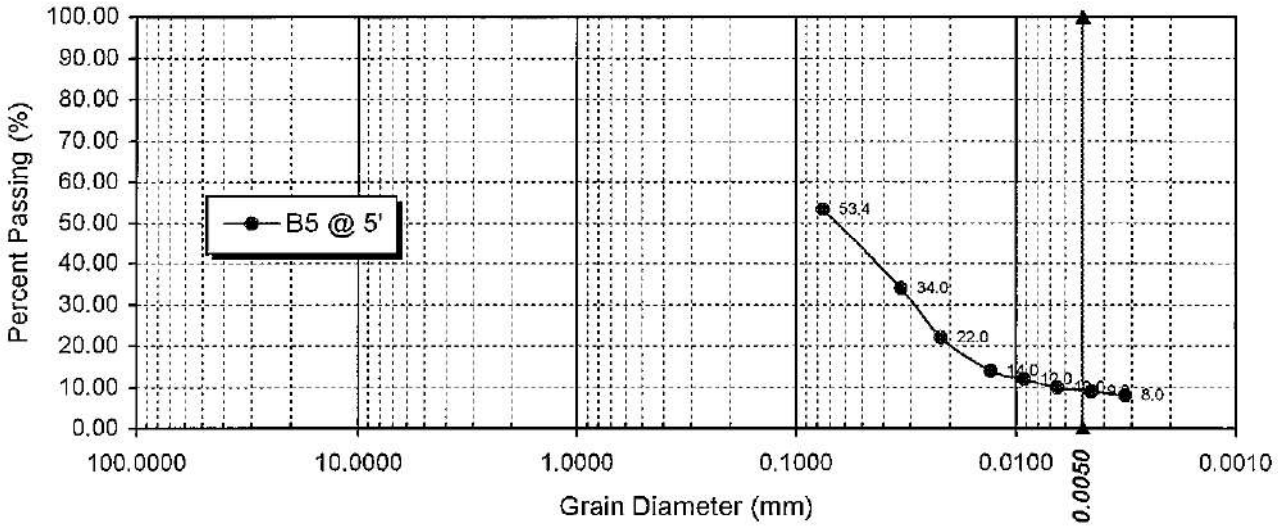
Sample	B1 @ 1' - 5'	B2 @ 1' - 5'	B5 @ 1' - 5'
Soil Type	SM	SP	SP
Maximum Density (pcf)	124.0	116.0	120.0
Optimum Moisture Content (percent)	11.0	13.0	11.5

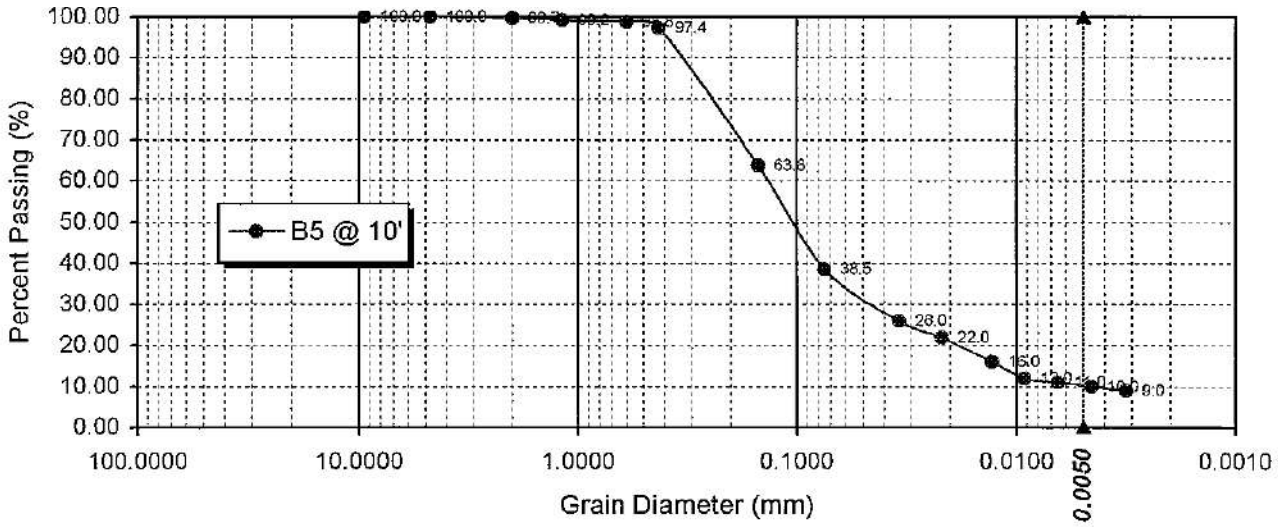
EXPANSION INDEX

Sample	B1 @ 1' - 5'	B2 @ 1' - 5'	B5 @ 1' - 5'
Soil Type	SM	SP	SP
Expansion Index -- UBC Standard 18-2	8	2	2
Expansion Character	Very Low	Very Low	Very Low

SULFATE CONTENT

Sample	B1 @ 1' - 5'	B2 @ 1' - 5'	B5 @ 1' - 5'
Sulfate Content (ppm)	<250	<250	<250



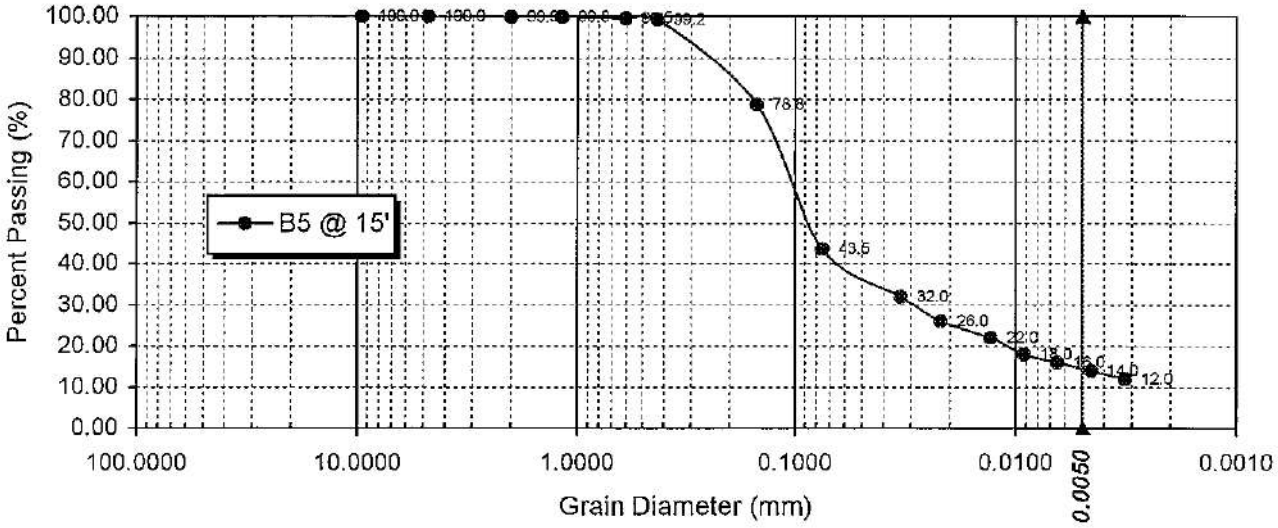


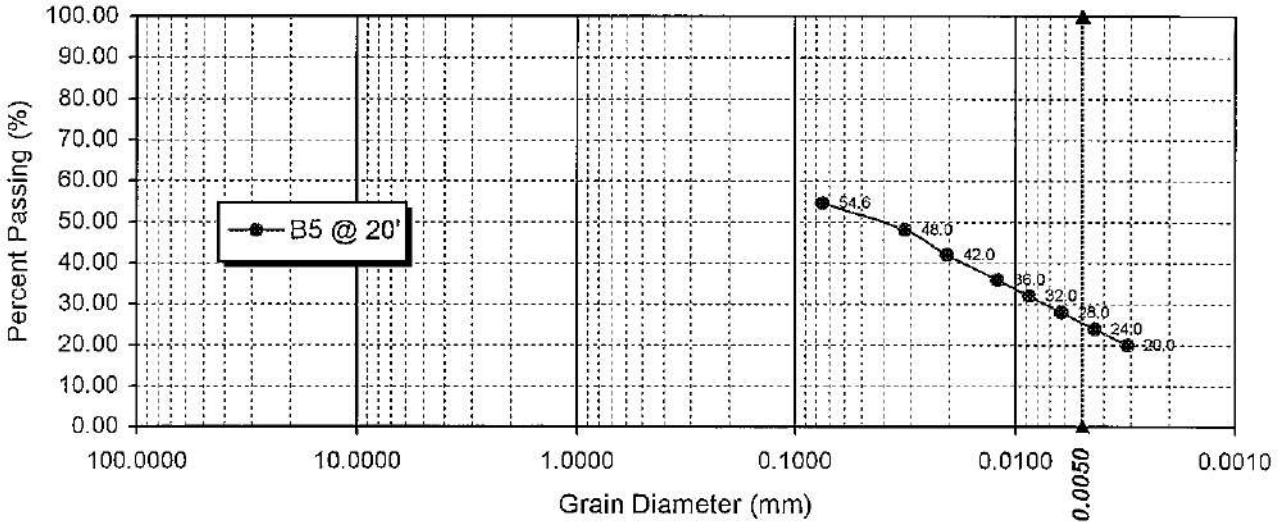
GRAIN SIZE DISTRIBUTION

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PROJECT: THE SALVATION ARMY

FILE NO. 19372 | PLATE: E-1



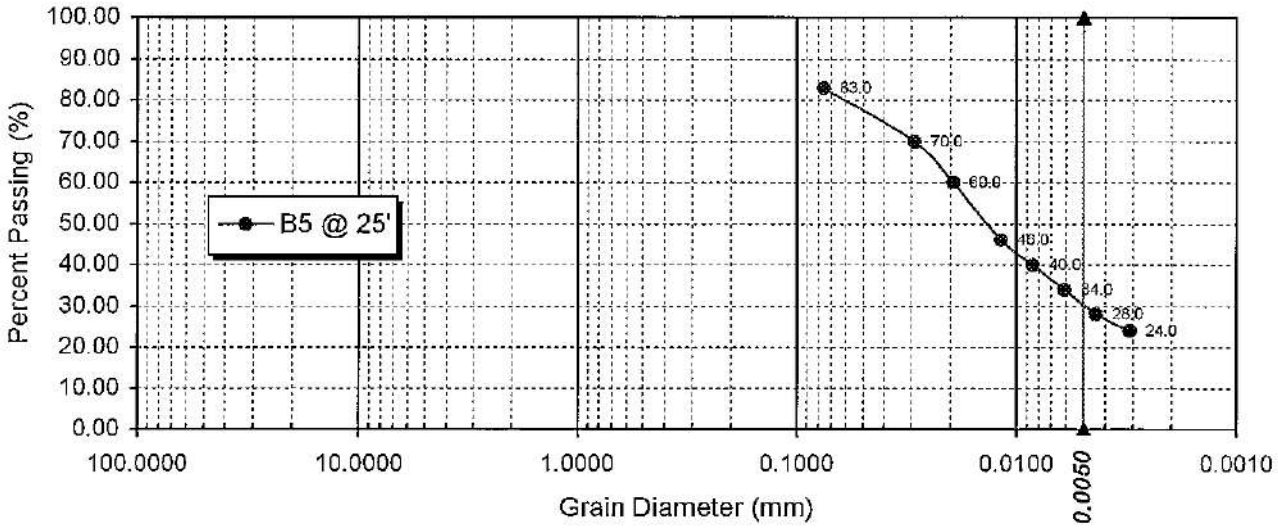


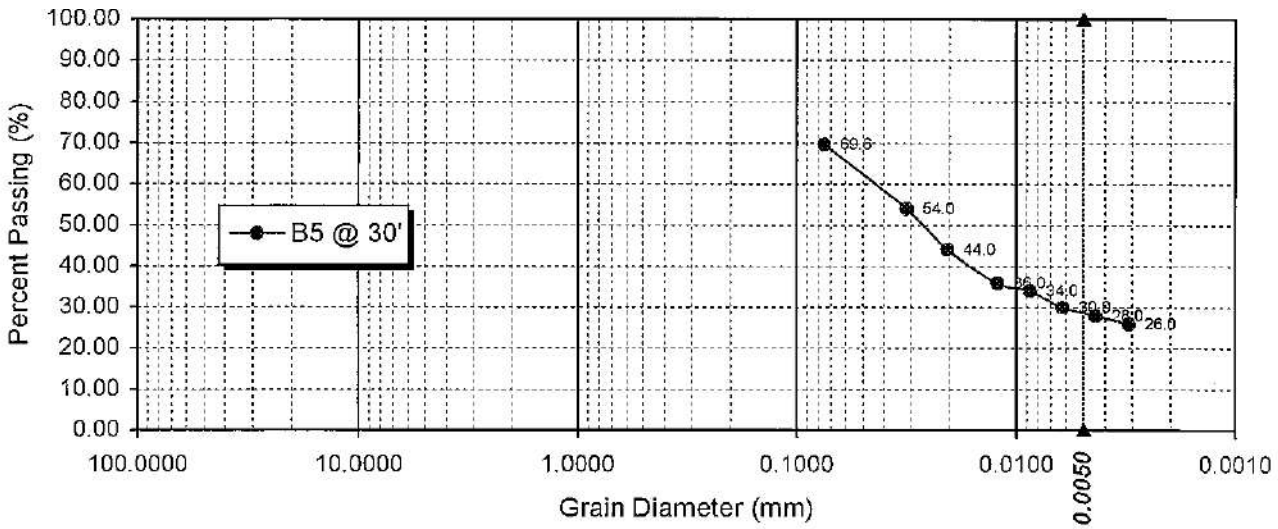
GRAIN SIZE DISTRIBUTION

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PROJECT: THE SALVATION ARMY

FILE NO. 19372 | PLATE: E-2



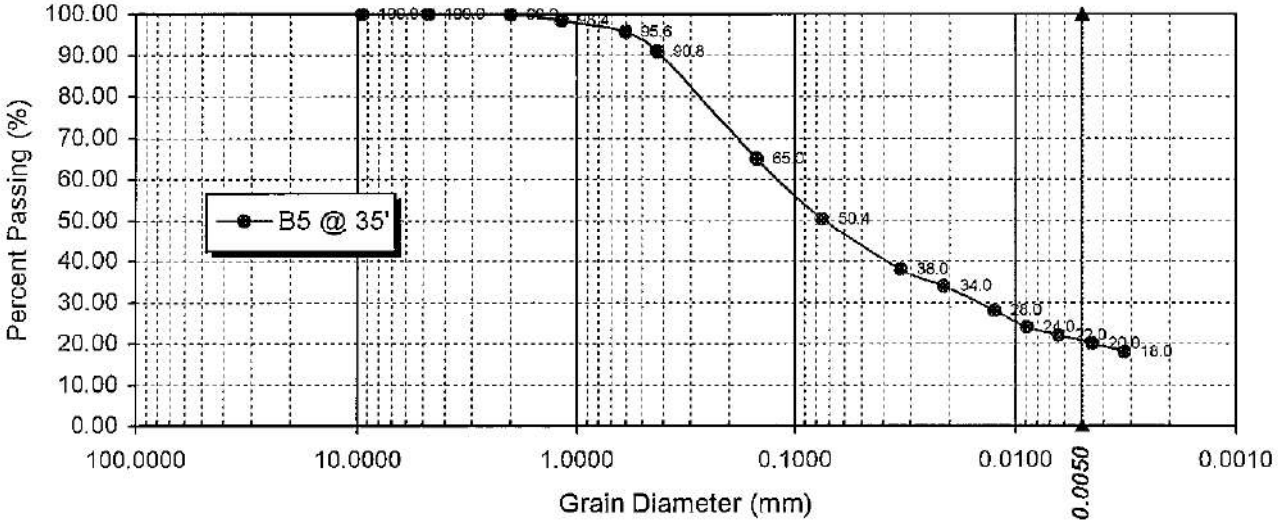


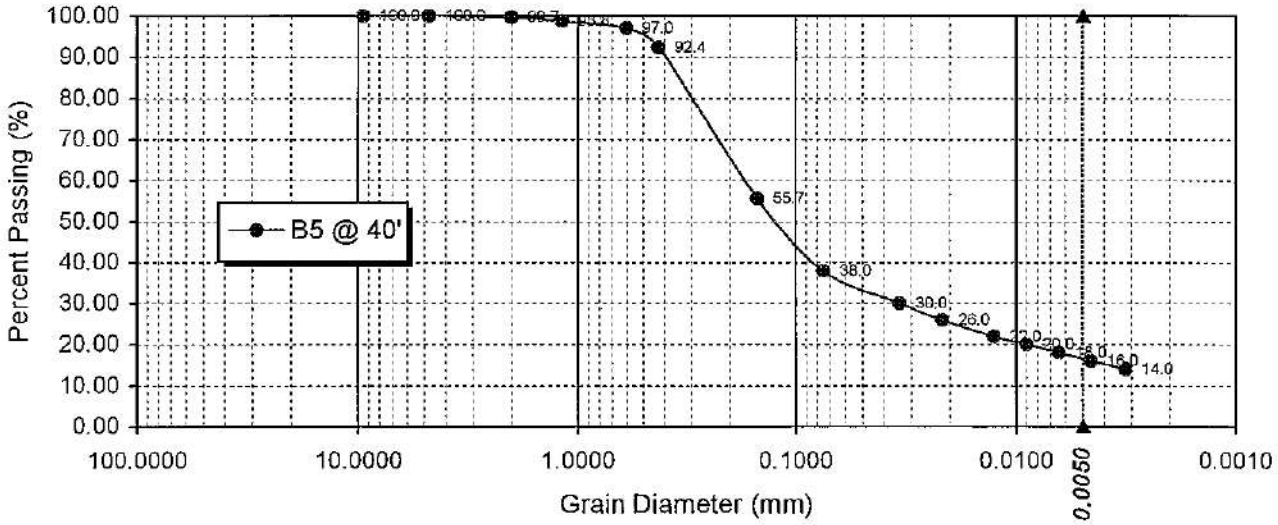
GRAIN SIZE DISTRIBUTION

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PROJECT: THE SALVATION ARMY

FILE NO. 19372 | PLATE: E-3





GRAIN SIZE DISTRIBUTION

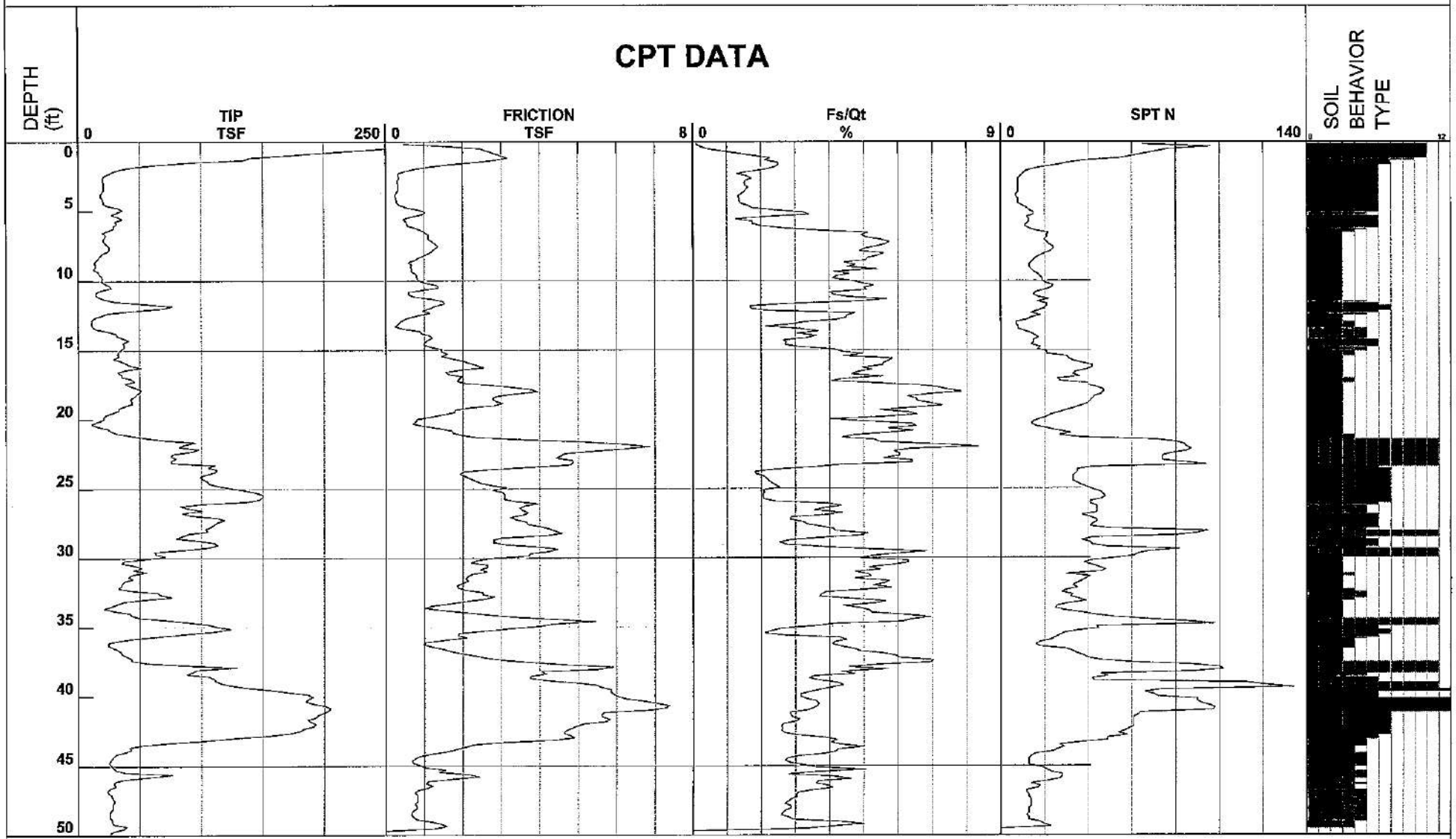
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PROJECT: THE SALVATION ARMY	
FILE NO. 19372	PLATE: E-4

Geotechnologies Inc

Location	Salvation Army	Operator	CW-ML	Filename	SDF(659).cpt
Job Number	19372	Cone Number	DSG1047	GPS	
Hole Number	CPT-01	Date and Time	12/27/2006 8:32:20 AM	Maximum Depth	49.87 ft
Water Table Depth		0.00 ft			

CPT DATA



1 - sensitive fine grained	4 - silty clay to clay	7 - silty sand to sandy silt	10 - gravelly sand to sand
2 - organic material	5 - clayey silt to silty clay	8 - sand to silty sand	11 - very stiff fine grained (*)
3 - clay	6 - sandy silt to clayey silt	9 - sand	12 - sand to clayey sand (*)

Depth Increment

*Soil behavior type and SPT based on data from UBC-1983

Project ID: Geotechnologies, Inc.
Data File: SDF(659).cpt
CPT Date: 12/27/2006 8:32:20 AM
GW During Test: 60 ft

Sounding ID: CPT-01
Project No: 19372
Cone/Rig: DSG1047

Depth ft	qc PS tsf	*qc1n PS -	qlncs PS -	Slv Stss tsf	pore prss (psi)	Frct Rato %	* Material Behavior Description	Unit Wght pcf	Qc to N	* SPT R-N1 60%	SPT R-N 60%	* Rel Den %	Ftn Ang deg	Und Shr tsf	* Nk -
0.33	730.9	1172.3	1172.3	1.7	0.1	0.2	grvly SAND to dense SAND	130	6.0	100	100	95	48	-	16
0.49	584.7	937.7	937.7	2.5	-0.1	0.4	grvly SAND to dense SAND	130	6.0	100	97	95	48	-	16
1.15	140.0	224.5	273.9	3.2	14.8	2.3	clean SAND to silty SAND	125	5.0	45	28	94	48	-	16
1.31	135.1	216.7	261.3	2.9	11.0	2.1	clean SAND to silty SAND	125	5.0	43	27	93	48	-	16
1.48	93.1	149.3	210.4	2.3	9.9	2.5	silty SAND to sandy SILT	120	4.0	37	23	80	48	-	16
1.64	65.3	104.8	168.4	1.6	9.9	2.5	silty SAND to sandy SILT	120	4.0	26	16	69	48	-	16
1.80	46.6	74.8	137.2	1.1	9.9	2.4	silty SAND to sandy SILT	120	4.0	19	12	57	47	-	16
1.97	35.2	56.5	113.6	0.8	9.9	2.2	silty SAND to sandy SILT	120	4.0	14	9	48	46	-	16
2.13	29.1	46.6	92.7	0.5	9.9	1.7	silty SAND to sandy SILT	120	4.0	12	7	42	44	-	16
2.30	25.2	40.4	77.9	0.3	9.9	1.3	silty SAND to sandy SILT	120	4.0	10	6	37	43	-	16
2.46	21.1	33.9	79.7	0.3	9.6	1.6	silty SAND to sandy SILT	120	4.0	8	5	31	42	-	16
2.62	20.1	32.2	81.4	0.3	9.6	1.7	silty SAND to sandy SILT	120	4.0	8	5	30	42	-	16
2.79	20.1	32.3	77.4	0.3	9.6	1.6	silty SAND to sandy SILT	120	4.0	8	5	30	41	-	16
2.95	20.6	33.0	77.4	0.3	9.6	1.5	silty SAND to sandy SILT	120	4.0	8	5	30	41	-	16
3.12	21.2	34.0	78.7	0.3	9.6	1.6	silty SAND to sandy SILT	120	4.0	8	5	31	41	-	16
3.28	20.6	33.1	80.1	0.3	9.4	1.6	silty SAND to sandy SILT	120	4.0	8	5	31	41	-	16
3.45	20.9	33.6	78.9	0.3	9.4	1.6	silty SAND to sandy SILT	120	4.0	8	5	31	40	-	16
3.61	19.9	31.9	76.5	0.3	9.3	1.5	silty SAND to sandy SILT	120	4.0	8	5	29	40	-	16
3.77	18.6	29.8	72.5	0.3	9.3	1.4	silty SAND to sandy SILT	120	4.0	7	5	27	39	-	16
3.94	18.5	29.7	70.8	0.2	9.3	1.4	silty SAND to sandy SILT	120	4.0	7	5	27	39	-	16
4.10	19.9	32.0	73.1	0.3	9.3	1.4	silty SAND to sandy SILT	120	4.0	8	5	29	39	-	16
4.27	20.6	33.0	74.2	0.3	9.3	1.4	silty SAND to sandy SILT	120	4.0	8	5	30	39	-	16
4.43	20.8	33.4	75.5	0.3	9.3	1.4	silty SAND to sandy SILT	120	4.0	8	5	31	39	-	16
4.59	23.6	37.9	84.4	0.4	9.3	1.6	silty SAND to sandy SILT	120	4.0	9	6	35	40	-	16
4.76	32.3	51.8	99.0	0.6	9.3	1.7	silty SAND to sandy SILT	120	4.0	13	8	45	41	-	16
4.92	36.4	58.4	122.3	0.9	9.3	2.4	silty SAND to sandy SILT	120	4.0	15	9	49	42	-	16
5.09	32.0	51.4	135.1	1.0	9.3	3.3	clayy SILT to silty CLAY	115	2.0	26	16	-	-	2.1	15
5.25	27.5	44.1	130.9	0.9	9.3	3.5	clayy SILT to silty CLAY	115	2.0	22	14	-	-	1.8	15
5.41	32.8	52.5	108.1	0.7	9.3	2.1	silty SAND to sandy SILT	120	4.0	13	8	46	40	-	16
5.58	36.1	58.0	91.8	0.5	9.3	1.3	silty SAND to sandy SILT	120	4.0	14	9	49	41	-	16
5.74	30.0	48.1	96.7	0.5	9.4	1.8	silty SAND to sandy SILT	120	4.0	12	8	43	40	-	16
5.91	31.6	50.8	98.9	0.6	6.2	1.8	silty SAND to sandy SILT	120	4.0	13	8	45	40	-	16
6.07	28.7	46.0	101.2	0.6	6.1	2.0	silty SAND to sandy SILT	120	4.0	12	7	41	39	-	16
6.23	29.3	46.3	117.6	0.8	6.1	2.7	clayy SILT to silty CLAY	115	2.0	23	15	-	-	1.9	15
6.40	24.9	39.9	132.2	0.9	6.1	3.8	clayy SILT to silty CLAY	115	2.0	20	12	-	-	1.6	15
6.56	20.0	32.1	-	1.0	6.1	5.2	silty CLAY to CLAY	115	1.5	21	13	-	-	1.3	15
6.73	22.5	36.1	-	1.1	6.1	5.0	silty CLAY to CLAY	115	1.5	24	15	-	-	1.5	15
6.89	21.8	34.9	-	1.1	6.0	5.2	silty CLAY to CLAY	115	1.5	23	15	-	-	1.4	15
7.05	20.3	32.5	-	1.1	6.0	5.6	silty CLAY to CLAY	115	1.5	22	14	-	-	1.3	15
7.22	21.3	34.1	-	1.2	6.0	5.9	silty CLAY to CLAY	115	1.5	23	14	-	-	1.4	15
7.38	23.0	36.9	-	1.3	6.0	5.7	silty CLAY to CLAY	115	1.5	25	15	-	-	1.5	15
7.55	25.3	40.6	-	1.4	6.0	5.5	silty CLAY to CLAY	115	1.5	27	17	-	-	1.7	15
7.71	25.4	40.8	-	1.3	6.0	5.1	silty CLAY to CLAY	115	1.5	27	17	-	-	1.7	15
7.87	24.7	39.7	-	1.2	6.0	5.0	silty CLAY to CLAY	115	1.5	26	16	-	-	1.6	15
8.04	20.1	32.3	-	1.1	6.0	5.7	silty CLAY to CLAY	115	1.5	22	13	-	-	1.3	15
8.20	18.4	29.5	-	1.0	6.0	5.6	silty CLAY to CLAY	115	1.5	20	12	-	-	1.2	15
8.37	16.8	27.0	-	0.9	6.0	5.3	silty CLAY to CLAY	115	1.5	18	11	-	-	1.1	15
8.53	15.2	24.3	-	0.8	6.0	5.2	silty CLAY to CLAY	115	1.5	16	10	-	-	1.0	15
8.69	13.3	21.4	-	0.6	6.0	4.6	silty CLAY to CLAY	115	1.5	14	9	-	-	0.9	15
8.86	14.2	22.8	-	0.7	6.0	4.9	silty CLAY to CLAY	115	1.5	15	9	-	-	0.9	15
9.02	14.5	23.2	-	0.7	6.0	4.7	silty CLAY to CLAY	115	1.5	15	10	-	-	0.9	15
9.19	12.6	20.3	-	0.7	6.0	5.6	silty CLAY to CLAY	115	1.5	14	8	-	-	0.8	15
9.35	16.3	26.2	-	0.7	6.0	4.3	silty CLAY to CLAY	115	1.5	17	11	-	-	1.1	15
9.51	17.2	27.6	-	0.8	6.0	4.7	silty CLAY to CLAY	115	1.5	18	11	-	-	1.1	15
9.68	19.2	30.8	-	0.8	6.0	4.3	silty CLAY to CLAY	115	1.5	21	13	-	-	1.2	15
9.84	20.1	32.2	-	0.8	6.0	4.2	clayy SILT to silty CLAY	115	2.0	16	10	-	-	1.3	15
10.01	19.0	30.4	-	0.9	6.0	4.8	silty CLAY to CLAY	115	1.5	20	13	-	-	1.2	15
10.17	21.4	34.3	-	1.1	6.0	5.1	silty CLAY to CLAY	115	1.5	23	14	-	-	1.4	15
10.34	25.4	40.7	-	1.3	6.0	5.4	silty CLAY to CLAY	115	1.5	27	17	-	-	1.6	15
10.50	27.4	44.0	-	1.4	6.0	5.1	silty CLAY to CLAY	115	1.5	29	18	-	-	1.8	15
10.66	19.3	30.5	-	1.0	6.0	5.3	silty CLAY to CLAY	115	1.5	20	13	-	-	1.2	15
10.83	14.8	23.1	-	0.6	6.0	4.2	silty CLAY to CLAY	115	1.5	15	10	-	-	0.9	15
10.99	14.3	22.0	-	0.6	6.1	4.3	silty CLAY to CLAY	115	1.5	15	10	-	-	0.9	15
11.16	17.0	25.7	-	0.8	6.0	4.7	silty CLAY to CLAY	115	1.5	17	11	-	-	1.1	15

* Indicates the parameter was calculated using the normalized point stress.
The parameters listed above were determined using empirical correlations.
A Professional Engineer must determine their suitability for analysis and design.

Project ID: Geotechnologies, Inc. Page: 2
Data File: SDF(659).cpt Sounding ID: CPT-01
CPT Date: 12/27/2006 8:32:20 AM Project No: 19372
GW During Test: 60 ft Cone/Rig: DSG1047

Depth ft	qc PS tsf	qc1n PS -	q1ncs PS -	Slv Stss tsf	pore prss (psi)	Frct Ratio %	Material Behavior Description	Unit Wght pcf	Qc to N	SPT R-N1 60%	SPT R-N 60%	Rel Den %	Ftn Ang deg	Und Shr tsf	Nk -
11.32	21.4	32.0	-	1.2	6.1	5.9	silty CLAY to CLAY	115	1.5	21	14	-	-	1.4	15
11.48	30.6	45.1	-	1.5	6.0	5.0	clayy SILT to silty CLAY	115	2.0	23	15	-	-	2.0	15
11.65	54.5	63.8	138.7	1.5	6.2	2.8	silty SAND to sandy SILT	120	4.0	16	14	52	39	-	16
11.81	76.3	88.7	130.0	1.3	6.3	1.7	silty SAND to sandy SILT	120	4.0	22	19	63	41	-	16
11.98	67.8	78.3	121.4	1.2	6.3	1.7	silty SAND to sandy SILT	120	4.0	20	17	59	40	-	16
12.14	43.1	49.4	109.9	1.0	6.3	2.3	silty SAND to sandy SILT	120	4.0	12	11	44	38	-	16
12.30	24.2	33.3	-	1.2	6.2	4.9	silty CLAY to CLAY	115	1.5	22	16	-	-	1.6	15
12.47	19.1	25.9	-	0.9	6.2	4.7	silty CLAY to CLAY	115	1.5	17	13	-	-	1.2	15
12.63	13.7	18.4	-	0.6	6.3	4.7	silty CLAY to CLAY	115	1.5	12	9	-	-	0.9	15
12.80	11.3	15.0	-	0.5	6.2	4.5	silty CLAY to CLAY	115	1.5	10	8	-	-	0.7	15
12.96	11.2	14.6	-	0.4	6.2	3.5	silty CLAY to CLAY	115	1.5	10	7	-	-	0.7	15
13.12	11.2	14.5	-	0.3	6.2	3.1	silty CLAY to CLAY	115	1.5	10	7	-	-	0.7	15
13.29	11.7	14.9	-	0.2	6.3	2.3	clayy SILT to silty CLAY	115	2.0	7	6	-	-	0.7	15
13.45	14.5	18.3	-	0.5	6.2	3.3	silty CLAY to CLAY	115	1.5	12	10	-	-	0.9	15
13.62	24.1	30.1	-	0.9	6.2	3.8	clayy SILT to silty CLAY	115	2.0	15	12	-	-	1.6	15
13.78	30.9	35.1	114.0	0.9	6.2	3.1	clayy SILT to silty CLAY	115	2.0	18	15	-	-	2.0	15
13.94	31.6	38.4	-	1.1	6.3	3.7	clayy SILT to silty CLAY	115	2.0	19	16	-	-	2.1	15
14.11	36.3	38.6	124.1	1.2	6.3	3.4	clayy SILT to silty CLAY	115	2.0	19	18	-	-	2.4	15
14.27	41.2	43.6	114.9	1.1	6.4	2.7	clayy SILT to silty CLAY	115	2.0	22	21	-	-	2.7	15
14.44	36.9	38.9	111.9	1.0	6.4	2.8	clayy SILT to silty CLAY	115	2.0	19	18	-	-	2.4	15
14.60	37.3	39.0	111.2	1.0	6.4	2.8	clayy SILT to silty CLAY	115	2.0	20	19	-	-	2.4	15
14.76	37.5	39.0	120.3	1.2	6.4	3.2	clayy SILT to silty CLAY	115	2.0	20	19	-	-	2.4	15
14.93	35.3	40.2	-	1.5	6.4	4.2	clayy SILT to silty CLAY	115	2.0	20	18	-	-	2.3	15
15.09	33.1	37.3	-	1.4	6.4	4.5	clayy SILT to silty CLAY	115	2.0	19	17	-	-	2.1	15
15.26	32.2	35.9	-	1.6	6.5	5.1	silty CLAY to CLAY	115	1.5	24	21	-	-	2.1	15
15.42	33.4	36.8	-	1.5	6.5	4.5	clayy SILT to silty CLAY	115	2.0	18	17	-	-	2.2	15
15.58	29.1	31.8	-	1.7	6.5	6.0	silty CLAY to CLAY	115	1.5	21	19	-	-	1.9	15
15.75	34.8	37.6	-	2.0	6.5	5.9	silty CLAY to CLAY	115	1.5	25	23	-	-	2.3	15
15.91	38.8	41.4	-	2.2	6.5	5.7	silty CLAY to CLAY	115	1.5	28	26	-	-	2.5	15
16.08	42.4	44.9	-	2.3	6.5	5.7	silty CLAY to CLAY	115	1.5	30	28	-	-	2.8	15
16.24	51.1	53.6	-	2.5	6.6	5.1	clayy SILT to silty CLAY	115	2.0	27	26	-	-	3.3	15
16.40	38.0	39.4	-	2.0	6.6	5.4	silty CLAY to CLAY	115	1.5	26	25	-	-	2.5	15
16.57	32.4	33.3	-	1.6	6.6	5.0	silty CLAY to CLAY	115	1.5	22	22	-	-	2.1	15
16.73	35.2	35.9	-	1.6	6.6	4.8	silty CLAY to CLAY	115	1.5	24	23	-	-	2.3	15
16.90	35.5	35.8	-	2.0	6.6	5.7	silty CLAY to CLAY	115	1.5	24	24	-	-	2.3	15
17.06	42.8	42.8	-	1.9	6.7	4.6	clayy SILT to silty CLAY	115	2.0	21	21	-	-	2.8	15
17.23	45.8	44.2	146.1	1.9	6.7	4.1	clayy SILT to silty CLAY	115	2.0	22	23	-	-	3.0	15
17.39	38.4	37.6	-	2.1	6.7	5.6	silty CLAY to CLAY	115	1.5	25	26	-	-	2.5	15
17.55	40.8	39.6	-	2.7	6.7	6.7	silty CLAY to CLAY	115	1.5	26	27	-	-	2.6	15
17.72	45.7	44.0	-	3.3	6.8	7.3	silty CLAY to CLAY	115	1.5	29	30	-	-	3.0	15
17.88	50.7	48.3	-	3.8	6.8	7.6	silty CLAY to CLAY	115	1.5	32	34	-	-	3.3	15
18.05	50.2	47.5	-	3.9	6.8	8.0	silty CLAY to CLAY	115	1.5	32	33	-	-	3.3	15
18.21	47.5	44.5	-	3.3	6.8	7.1	silty CLAY to CLAY	115	1.5	30	32	-	-	3.1	15
18.37	45.5	42.3	-	2.9	6.8	6.4	silty CLAY to CLAY	115	1.5	28	30	-	-	3.0	15
18.54	42.3	38.9	-	2.8	6.8	6.7	silty CLAY to CLAY	115	1.5	26	28	-	-	2.7	15
18.70	43.5	39.7	-	2.9	6.9	6.7	silty CLAY to CLAY	115	1.5	26	29	-	-	2.8	15
18.87	43.7	39.5	-	3.0	6.8	7.2	silty CLAY to CLAY	115	1.5	26	29	-	-	2.8	15
19.03	38.6	34.6	-	2.8	6.8	7.5	silty CLAY to CLAY	115	1.5	23	26	-	-	2.5	15
19.19	33.4	29.8	-	2.2	6.8	6.7	silty CLAY to CLAY	115	1.5	20	22	-	-	2.2	15
19.36	32.9	29.1	-	1.8	6.8	5.7	silty CLAY to CLAY	115	1.5	19	22	-	-	2.1	15
19.52	28.5	24.9	-	1.8	6.8	6.5	silty CLAY to CLAY	115	1.5	17	19	-	-	1.8	15
19.69	22.7	19.7	-	1.5	6.8	6.9	silty CLAY to CLAY	115	1.5	13	15	-	-	1.4	15
19.85	20.8	17.9	-	1.2	6.8	5.9	silty CLAY to CLAY	115	1.5	12	14	-	-	1.3	15
20.01	20.6	17.6	-	0.8	6.8	4.3	silty CLAY to CLAY	115	1.5	12	14	-	-	1.3	15
20.18	15.4	13.0	-	0.8	6.7	5.5	silty CLAY to CLAY	115	1.5	9	10	-	-	0.9	15
20.34	11.1	9.3	-	0.7	6.7	7.2	silty CLAY to CLAY	115	1.5	6	7	-	-	0.7	15
20.51	15.6	13.0	-	1.0	6.7	7.1	silty CLAY to CLAY	115	1.5	9	10	-	-	1.0	15
20.67	24.3	20.1	-	1.4	6.7	6.0	silty CLAY to CLAY	115	1.5	13	16	-	-	1.5	15
20.83	26.6	21.8	-	1.7	6.7	6.7	silty CLAY to CLAY	115	1.5	15	18	-	-	1.7	15
21.00	31.3	25.5	-	1.8	6.7	5.9	silty CLAY to CLAY	115	1.5	17	21	-	-	2.0	15
21.16	42.3	34.1	-	2.0	6.7	4.9	silty CLAY to CLAY	115	1.5	23	28	-	-	2.7	15
21.33	54.7	43.9	-	2.4	6.7	4.5	clayy SILT to silty CLAY	115	2.0	22	27	-	-	3.6	15
21.49	69.7	55.5	-	3.7	6.7	5.4	clayy SILT to silty CLAY	115	2.0	28	35	-	-	4.6	15
21.65	95.2	82.2	230.9	5.2	6.8	5.5	very stiff fine SOIL	120	2.0	41	48	61	39	-	30
21.82	86.6	67.9	-	6.2	6.8	7.2	very stiff fine SOIL	120	2.0	34	43	54	38	-	30

* Indicates the parameter was calculated using the normalized point stress.
The parameters listed above were determined using empirical correlations.
A Professional Engineer must determine their suitability for analysis and design.

Project ID: Geotechnologies, Inc.
Data File: SDF(659).cpt
CPT Date: 12/27/2006 8:32:20 AM
GW During Test: 60 ft

Sounding ID: CPT-01
Project No: 19372
Cone/Rig: DSG1047

Depth ft	qc PS tsf	qc1n PS - *	q1ncs PS -	Slv Stss tsf	pore prss (psi)	Frct Ratio %	Material Behavior Description	Unit Wght pcf	Qc to N	SPT R-N1 60% *	SPT R-N 60%	Rel Den % *	Ftn Ang deg *	Und Shr tsf	Nk - *
21.98	82.2	63.9	-	6.9	6.8	8.5	very stiff fine SOIL	120	2.0	32	41	52	38	-	30
22.15	97.8	83.5	256.4	6.2	7.1	6.5	very stiff fine SOIL	120	2.0	42	49	61	39	-	30
22.31	91.9	78.1	236.1	5.4	7.1	6.0	very stiff fine SOIL	120	2.0	39	46	59	39	-	30
22.47	77.1	58.6	-	4.7	7.1	6.1	silty CLAY to CLAY	115	1.5	39	51	-	-	5.1	15
22.64	75.6	57.1	-	4.6	7.1	6.1	silty CLAY to CLAY	115	1.5	38	50	-	-	4.9	15
22.80	79.3	59.4	-	4.4	7.2	5.7	clayy SILT to silty CLAY	115	2.0	30	40	-	-	5.2	15
22.97	75.7	56.4	-	4.8	7.2	6.5	silty CLAY to CLAY	115	1.5	38	50	-	-	5.0	15
23.13	76.0	56.2	-	4.9	7.2	6.5	silty CLAY to CLAY	115	1.5	37	51	-	-	5.0	15
23.30	111.2	92.6	212.7	4.8	7.2	4.4	clayy SILT to silty CLAY	115	2.0	46	56	-	-	7.3	15
23.46	106.0	87.9	185.8	3.8	7.3	3.6	clayy SILT to silty CLAY	115	2.0	44	53	-	-	7.0	15
23.62	113.0	93.4	156.8	2.7	7.3	2.5	silty SAND to sandy SILT	120	4.0	23	28	65	39	-	16
23.79	111.7	92.0	137.5	2.0	7.3	1.9	silty SAND to sandy SILT	120	4.0	23	28	64	39	-	16
23.95	104.8	86.0	132.6	1.9	7.3	1.9	silty SAND to sandy SILT	120	4.0	21	26	62	39	-	16
24.12	99.3	81.2	135.2	2.1	7.3	2.1	silty SAND to sandy SILT	120	4.0	20	25	60	39	-	16
24.28	101.4	82.6	138.8	2.2	7.3	2.2	silty SAND to sandy SILT	120	4.0	21	25	61	39	-	16
24.44	104.7	85.1	143.1	2.3	7.3	2.3	silty SAND to sandy SILT	120	4.0	21	26	62	39	-	16
24.61	106.7	86.4	147.1	2.5	7.4	2.4	silty SAND to sandy SILT	120	4.0	22	27	62	39	-	16
24.77	113.0	91.2	155.0	2.8	7.4	2.5	silty SAND to sandy SILT	120	4.0	23	28	64	39	-	16
24.94	123.4	99.2	165.8	3.1	7.4	2.6	silty SAND to sandy SILT	120	4.0	25	31	67	40	-	16
25.10	135.7	108.7	159.1	2.8	7.5	2.1	silty SAND to sandy SILT	120	4.0	27	34	70	40	-	16
25.26	144.1	115.1	166.5	3.0	7.5	2.1	silty SAND to sandy SILT	120	4.0	29	36	72	40	-	16
25.43	150.1	119.5	169.2	3.1	7.8	2.1	silty SAND to sandy SILT	120	4.0	30	38	73	41	-	16
25.59	149.8	118.8	168.8	3.1	7.8	2.1	silty SAND to sandy SILT	120	4.0	30	37	73	41	-	16
25.76	147.8	116.9	167.5	3.1	7.8	2.1	silty SAND to sandy SILT	120	4.0	29	37	72	40	-	16
25.92	138.5	109.2	171.2	3.4	7.9	2.4	silty SAND to sandy SILT	120	4.0	27	35	70	40	-	16
26.08	99.9	78.4	186.4	4.0	7.9	4.0	clayy SILT to silty CLAY	115	2.0	39	50	-	-	6.6	15
26.25	83.1	65.1	180.3	3.6	7.9	4.4	clayy SILT to silty CLAY	115	2.0	33	42	-	-	5.4	15
26.41	90.5	70.7	174.6	3.5	7.9	3.9	clayy SILT to silty CLAY	115	2.0	35	45	-	-	5.9	15
26.58	100.6	78.3	174.8	3.6	7.9	3.6	clayy SILT to silty CLAY	115	2.0	39	50	-	-	6.6	15
26.74	84.9	65.9	181.9	3.7	7.9	4.4	clayy SILT to silty CLAY	115	2.0	33	42	-	-	5.6	15
26.90	91.1	70.5	176.1	3.6	7.9	4.0	clayy SILT to silty CLAY	115	2.0	35	46	-	-	6.0	15
27.07	112.6	86.9	164.4	3.2	7.9	2.9	silty SAND to sandy SILT	120	4.0	22	28	62	39	-	16
27.23	118.8	91.4	167.8	3.4	7.9	2.9	silty SAND to sandy SILT	120	4.0	23	30	64	39	-	16
27.40	113.3	86.9	174.8	3.7	7.9	3.3	silty SAND to sandy SILT	120	4.0	22	28	62	39	-	16
27.56	110.4	84.4	175.4	3.7	7.9	3.4	silty SAND to sandy SILT	120	4.0	21	28	61	38	-	16
27.72	107.8	82.2	184.4	4.0	7.9	3.8	clayy SILT to silty CLAY	115	2.0	41	54	-	-	7.1	15
27.89	103.5	78.6	190.5	4.2	7.9	4.2	clayy SILT to silty CLAY	115	2.0	39	52	-	-	6.8	15
28.05	105.4	79.9	193.9	4.4	7.9	4.2	clayy SILT to silty CLAY	115	2.0	40	53	-	-	6.9	15
28.22	89.8	54.3	-	4.6	7.9	5.2	clayy SILT to silty CLAY	115	2.0	27	45	-	-	5.9	15
28.38	84.9	51.1	-	4.2	7.9	5.0	clayy SILT to silty CLAY	115	2.0	26	42	-	-	5.6	15
28.54	79.6	59.8	160.0	3.0	7.9	3.8	clayy SILT to silty CLAY	115	2.0	30	40	-	-	5.2	15
28.71	98.1	73.5	150.5	2.8	7.9	2.9	silty SAND to sandy SILT	120	4.0	18	25	57	37	-	16
28.87	110.8	82.7	150.2	2.8	7.7	2.6	silty SAND to sandy SILT	120	4.0	21	28	61	38	-	16
29.04	113.4	84.4	158.1	3.1	7.7	2.8	silty SAND to sandy SILT	120	4.0	21	28	61	38	-	16
29.20	105.9	78.6	182.2	4.0	7.7	3.9	clayy SILT to silty CLAY	115	2.0	39	53	-	-	6.9	15
29.36	88.0	51.1	-	4.5	7.6	5.2	clayy SILT to silty CLAY	115	2.0	26	44	-	-	5.8	15
29.53	62.0	35.8	-	4.2	7.5	7.0	silty CLAY to CLAY	115	1.5	24	41	-	-	4.0	15
29.69	63.4	36.5	-	3.8	7.5	6.1	silty CLAY to CLAY	115	1.5	24	42	-	-	4.1	15
29.86	71.0	40.6	-	3.7	7.5	5.4	silty CLAY to CLAY	115	1.5	27	47	-	-	4.6	15
30.02	57.0	32.4	-	2.8	7.5	5.1	silty CLAY to CLAY	115	1.5	22	38	-	-	3.7	15
30.19	37.9	21.5	-	2.4	7.5	6.6	silty CLAY to CLAY	115	1.5	14	25	-	-	2.4	15
30.35	35.3	19.9	-	2.2	7.5	6.6	silty CLAY to CLAY	115	1.5	13	24	-	-	2.2	15
30.51	45.4	25.4	-	2.6	7.5	6.1	silty CLAY to CLAY	115	1.5	17	30	-	-	2.9	15
30.68	51.4	28.6	-	2.7	7.5	5.3	silty CLAY to CLAY	115	1.5	19	34	-	-	3.3	15
30.84	44.9	24.9	-	2.5	7.4	5.7	silty CLAY to CLAY	115	1.5	17	30	-	-	2.9	15
31.01	55.2	30.4	-	2.6	7.4	4.9	silty CLAY to CLAY	115	1.5	20	37	-	-	3.6	15
31.17	44.1	24.2	-	2.3	7.4	5.3	silty CLAY to CLAY	115	1.5	16	29	-	-	2.8	15
31.33	41.0	22.4	-	2.1	7.4	5.4	silty CLAY to CLAY	115	1.5	15	27	-	-	2.6	15
31.50	43.9	23.8	-	2.1	7.3	5.0	silty CLAY to CLAY	115	1.5	16	29	-	-	2.8	15
31.66	37.4	20.2	-	2.1	7.3	6.0	silty CLAY to CLAY	115	1.5	13	25	-	-	2.4	15
31.83	35.5	19.1	-	2.0	7.2	5.9	silty CLAY to CLAY	115	1.5	13	24	-	-	2.2	15
31.99	35.3	18.9	-	1.9	6.8	5.6	silty CLAY to CLAY	115	1.5	13	24	-	-	2.2	15
32.15	32.6	17.4	-	1.9	6.8	6.1	silty CLAY to CLAY	115	1.5	12	22	-	-	2.1	15
32.32	42.4	22.4	-	2.1	6.8	5.1	silty CLAY to CLAY	115	1.5	15	28	-	-	2.7	15
32.48	64.6	34.0	-	2.5	6.8	4.0	clayy SILT to silty CLAY	115	2.0	17	32	-	-	4.2	15

* Indicates the parameter was calculated using the normalized point stress.
The parameters listed above were determined using empirical correlations.
A Professional Engineer must determine their suitability for analysis and design.

Project ID: Geotechnologies, Inc.
Data File: SDF(659).cpt
CPT Date: 12/27/2006 8:32:20 AM
GW During Test: 60 ft

Sounding ID: CPT-01
Project No: 19372
Cone/Rig: DSG1047

Depth ft	qc PS tsf	qc1n PS -	q1ncs PS -	Slv Stss tsf	pore prss (psi)	Frct Ratio %	Material Behavior Description	Unit Wght pcf	Qc to N	SPT R-N1 60%	SPT R-N 60%	Rel Den %	Ftn Ang deg	Und Shr tsf	Nk -
32.65	67.1	35.2	-	2.5	6.8	3.9	clayy SILT to silty CLAY	115	2.0	18	34	-	-	4.3	15
32.81	76.1	39.7	-	2.8	6.8	3.8	clayy SILT to silty CLAY	115	2.0	20	38	-	-	4.9	15
32.97	54.3	28.1	-	2.6	6.8	4.9	silty CLAY to CLAY	115	1.5	19	36	-	-	3.5	15
33.14	37.3	19.3	-	2.1	6.8	5.9	silty CLAY to CLAY	115	1.5	13	25	-	-	2.4	15
33.30	31.7	16.3	-	1.7	6.8	5.7	silty CLAY to CLAY	115	1.5	11	21	-	-	2.0	15
33.47	27.2	13.9	-	1.2	6.8	4.7	silty CLAY to CLAY	115	1.5	9	18	-	-	1.7	15
33.63	21.1	10.7	-	1.0	6.8	5.4	silty CLAY to CLAY	115	1.5	7	14	-	-	1.3	15
33.79	29.4	14.9	-	1.5	6.8	5.5	silty CLAY to CLAY	115	1.5	10	20	-	-	1.8	15
33.96	41.6	21.0	-	2.2	6.8	5.5	silty CLAY to CLAY	115	1.5	14	28	-	-	2.6	15
34.12	43.6	21.8	-	2.7	6.8	6.5	silty CLAY to CLAY	115	1.5	15	29	-	-	2.8	15
34.29	49.3	24.6	-	3.4	6.8	7.3	silty CLAY to CLAY	115	1.5	16	33	-	-	3.2	15
34.45	71.2	35.4	-	4.5	6.8	6.6	silty CLAY to CLAY	115	1.5	24	47	-	-	4.6	15
34.61	89.0	44.0	-	5.5	6.9	6.3	silty CLAY to CLAY	115	1.5	29	59	-	-	5.8	15
34.78	105.7	72.0	183.4	4.3	6.9	4.2	clayy SILT to silty CLAY	115	2.0	36	53	-	-	6.9	15
34.94	113.0	76.8	173.4	4.0	6.9	3.6	clayy SILT to silty CLAY	115	2.0	38	57	-	-	7.4	15
35.11	123.8	84.0	154.2	3.2	7.2	2.7	silty SAND to sandy SILT	120	4.0	21	31	61	38	-	16
35.27	112.8	76.4	138.6	2.6	7.2	2.4	silty SAND to sandy SILT	120	4.0	19	28	58	37	-	16
35.43	91.1	61.5	119.1	1.9	7.2	2.2	silty SAND to sandy SILT	120	4.0	15	23	51	36	-	16
35.60	71.5	48.1	120.7	1.9	7.1	2.7	clayy SILT to silty CLAY	115	2.0	24	36	-	-	4.6	15
35.76	49.0	23.5	-	2.1	7.1	4.5	silty CLAY to CLAY	115	1.5	16	33	-	-	3.1	15
35.93	34.6	16.5	-	1.6	7.1	4.8	silty CLAY to CLAY	115	1.5	11	23	-	-	2.2	15
36.09	25.1	11.9	-	1.0	7.1	4.5	silty CLAY to CLAY	115	1.5	8	17	-	-	1.5	15
36.26	24.2	11.4	-	1.0	7.1	4.5	silty CLAY to CLAY	115	1.5	8	16	-	-	1.5	15
36.42	27.2	12.8	-	1.2	7.1	4.7	silty CLAY to CLAY	115	1.5	9	18	-	-	1.7	15
36.58	31.8	14.9	-	1.5	7.1	5.0	silty CLAY to CLAY	115	1.5	10	21	-	-	2.0	15
36.75	34.7	16.2	-	1.7	7.1	5.2	silty CLAY to CLAY	115	1.5	11	23	-	-	2.2	15
36.91	35.5	16.5	-	2.0	7.1	6.0	silty CLAY to CLAY	115	1.5	11	24	-	-	2.2	15
37.08	39.3	18.2	-	2.3	7.1	6.3	silty CLAY to CLAY	115	1.5	12	26	-	-	2.5	15
37.24	43.3	19.9	-	2.6	7.1	6.4	silty CLAY to CLAY	115	1.5	13	29	-	-	2.7	15
37.40	43.8	20.1	-	3.1	7.1	7.4	silty CLAY to CLAY	115	1.5	13	29	-	-	2.8	15
37.57	55.5	25.3	-	3.9	7.1	7.2	silty CLAY to CLAY	115	1.5	17	37	-	-	3.6	15
37.73	87.5	39.7	-	4.7	7.1	5.6	silty CLAY to CLAY	115	1.5	26	58	-	-	5.7	15
37.90	129.1	84.3	211.0	5.9	7.4	4.7	clayy SILT to silty CLAY	115	2.0	42	65	-	-	8.5	15
38.06	96.9	43.6	-	5.5	7.3	5.8	silty CLAY to CLAY	115	1.5	29	65	-	-	6.3	15
38.22	93.1	41.7	-	4.1	7.3	4.5	clayy SILT to silty CLAY	115	2.0	21	47	-	-	6.1	15
38.39	88.5	39.5	-	4.2	7.3	4.9	silty CLAY to CLAY	115	1.5	26	59	-	-	5.8	15
38.55	106.5	69.0	165.3	3.8	7.4	3.6	clayy SILT to silty CLAY	115	2.0	34	53	-	-	7.0	15
38.72	110.3	71.3	164.2	3.8	7.4	3.5	clayy SILT to silty CLAY	115	2.0	36	55	-	-	7.2	15
38.88	112.1	72.3	173.8	4.2	7.4	3.8	clayy SILT to silty CLAY	115	2.0	36	56	-	-	7.3	15
39.04	116.2	74.8	190.5	4.9	7.4	4.3	clayy SILT to silty CLAY	115	2.0	37	58	-	-	7.6	15
39.21	124.2	79.7	200.6	5.5	7.5	4.5	clayy SILT to silty CLAY	115	2.0	40	62	-	-	8.1	15
39.37	137.3	88.0	201.4	5.6	7.5	4.2	clayy SILT to silty CLAY	115	2.0	44	69	-	-	9.0	15
39.54	156.6	100.2	204.2	5.9	7.6	3.8	silty SAND to sandy SILT	120	4.0	25	39	67	38	-	16
39.70	170.9	109.0	203.6	5.9	7.6	3.5	silty SAND to sandy SILT	120	4.0	27	43	70	39	-	16
39.86	186.9	119.1	205.3	5.9	7.7	3.2	silty SAND to sandy SILT	120	4.0	30	47	73	39	-	16
40.03	190.9	121.3	207.3	6.0	7.7	3.2	silty SAND to sandy SILT	120	4.0	30	48	73	39	-	16
40.19	187.3	118.8	210.7	6.3	7.8	3.4	silty SAND to sandy SILT	120	4.0	30	47	73	39	-	16
40.36	185.0	117.1	218.3	6.7	7.8	3.7	silty SAND to sandy SILT	120	4.0	29	46	72	39	-	16
40.52	191.5	120.9	224.2	7.1	7.9	3.7	silty SAND to sandy SILT	120	4.0	30	48	73	39	-	16
40.68	201.2	126.8	229.8	7.4	7.9	3.7	stiff SAND to clayy SAND	115	1.0	100	100	-	-	12.4	16
40.85	205.4	129.2	228.2	7.3	8.0	3.6	silty SAND to sandy SILT	120	4.0	32	51	75	40	-	16
41.01	203.9	128.0	221.3	6.9	8.1	3.4	silty SAND to sandy SILT	120	4.0	32	51	75	40	-	16
41.18	200.0	125.3	200.4	5.7	8.1	2.9	silty SAND to sandy SILT	120	4.0	31	50	74	40	-	16
41.34	195.5	122.2	198.5	5.6	8.2	2.9	silty SAND to sandy SILT	120	4.0	31	49	74	39	-	16
41.50	193.8	120.9	198.7	5.6	8.5	3.0	silty SAND to sandy SILT	120	4.0	30	48	73	39	-	16
41.67	186.8	116.3	200.8	5.8	8.5	3.2	silty SAND to sandy SILT	120	4.0	29	47	72	39	-	16
41.83	189.5	117.7	199.5	5.7	8.5	3.1	silty SAND to sandy SILT	120	4.0	29	47	72	39	-	16
42.00	193.5	120.0	189.2	5.1	8.4	2.7	silty SAND to sandy SILT	120	4.0	30	48	73	39	-	16
42.16	191.3	118.4	185.7	5.0	8.4	2.6	silty SAND to sandy SILT	120	4.0	30	48	73	39	-	16
42.32	183.9	113.6	182.2	4.8	8.4	2.7	silty SAND to sandy SILT	120	4.0	28	46	71	39	-	16
42.49	180.4	111.2	179.2	4.7	8.5	2.6	silty SAND to sandy SILT	120	4.0	28	45	71	39	-	16
42.65	171.8	105.7	177.0	4.6	8.5	2.7	silty SAND to sandy SILT	120	4.0	26	43	69	38	-	16
42.82	155.3	95.3	179.4	4.8	8.5	3.1	silty SAND to sandy SILT	120	4.0	24	39	65	38	-	16
42.98	126.5	77.5	183.9	4.9	8.5	4.0	clayy SILT to silty CLAY	115	2.0	39	63	-	-	8.3	15
43.15	104.2	41.3	-	4.4	8.4	4.3	clayy SILT to silty CLAY	115	2.0	21	52	-	-	6.8	15

* Indicates the parameter was calculated using the normalized point stress.
The parameters listed above were determined using empirical correlations.
A Professional Engineer must determine their suitability for analysis and design.

Project ID: Geotechnologies, Inc.
Data File: SDF(659).cpt
CPT Date: 12/27/2006 8:32:20 AM
GW During Test: 60 ft

Sounding ID: CPT-01
Project No: 19372
Cone/Rig: DSG1047

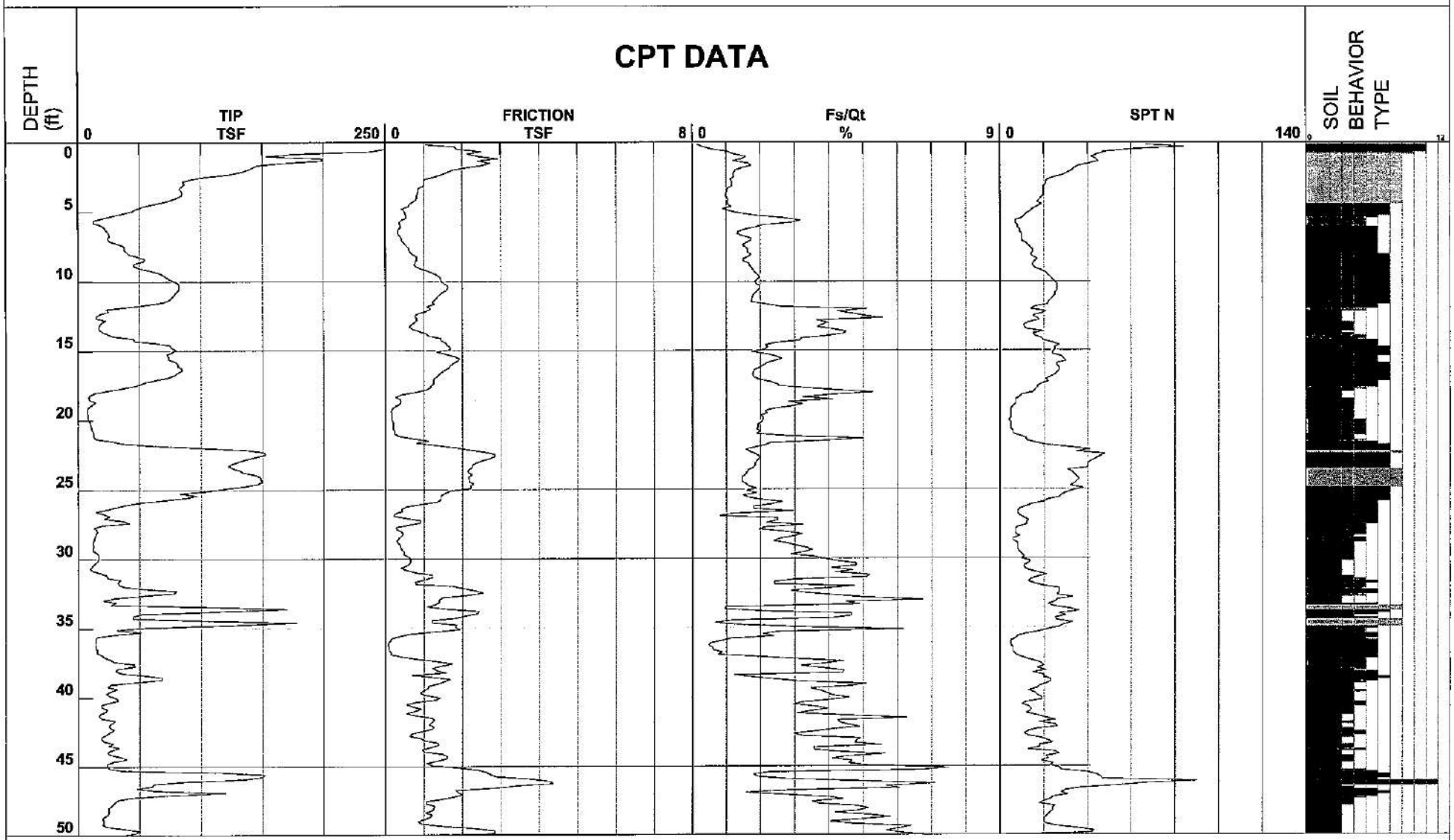
Depth ft	qc PS tsf	*qcln PS -	qlncs PS -	Slv Stss tsf	pore prss (psi)	Frct Rato %	* Material Behavior Description	Unit Wght pcf	Qc to N	* SPT R-N1 60%	SPT R-N 60%	* Rel Den %	* Ftn Ang deg	Und Shr tsf	* Nk -
43.31	74.7	29.5	-	3.0	8.5	4.2	clayy SILT to silty CLAY	115	2.0	15	37	-	-	4.8	15
43.47	52.4	20.6	-	2.3	8.4	4.6	silty CLAY to CLAY	115	1.5	14	35	-	-	3.3	15
43.64	41.6	16.3	-	2.1	8.3	5.3	silty CLAY to CLAY	115	1.5	11	28	-	-	2.6	15
43.80	43.1	16.8	-	1.8	8.4	4.5	silty CLAY to CLAY	115	1.5	11	29	-	-	2.7	15
43.97	38.6	15.0	-	1.6	8.3	4.5	silty CLAY to CLAY	115	1.5	10	26	-	-	2.4	15
44.13	31.0	12.0	-	1.2	8.3	4.2	silty CLAY to CLAY	115	1.5	8	21	-	-	1.9	15
44.29	28.7	11.1	-	0.9	8.2	3.4	silty CLAY to CLAY	115	1.5	7	19	-	-	1.7	15
44.46	27.6	10.6	-	0.8	8.2	3.1	silty CLAY to CLAY	115	1.5	7	18	-	-	1.7	15
44.62	25.8	9.9	-	0.7	8.1	3.0	silty CLAY to CLAY	115	1.5	7	17	-	-	1.5	15
44.79	25.3	9.7	-	0.7	8.1	3.2	silty CLAY to CLAY	115	1.5	6	17	-	-	1.5	15
44.95	27.3	10.4	-	0.9	8.0	3.6	silty CLAY to CLAY	115	1.5	7	18	-	-	1.6	15
45.11	28.7	10.9	-	1.0	7.2	4.0	silty CLAY to CLAY	115	1.5	7	19	-	-	1.7	15
45.28	30.8	11.6	-	1.6	7.2	5.5	silty CLAY to CLAY	115	1.5	8	21	-	-	1.9	15
45.44	38.0	14.3	-	1.4	7.1	3.9	silty CLAY to CLAY	115	1.5	10	25	-	-	2.4	15
45.61	76.0	28.7	-	2.1	7.1	2.9	clayy SILT to silty CLAY	115	2.0	14	38	-	-	4.9	15
45.77	58.8	22.2	-	2.4	7.2	4.3	silty CLAY to CLAY	115	1.5	15	39	-	-	3.7	15
45.93	37.9	14.3	-	1.8	7.2	5.0	silty CLAY to CLAY	115	1.5	10	25	-	-	2.3	15
46.10	30.2	11.4	-	1.1	7.2	4.1	silty CLAY to CLAY	115	1.5	8	20	-	-	1.8	15
46.26	29.0	10.9	-	1.0	7.2	4.0	silty CLAY to CLAY	115	1.5	7	19	-	-	1.8	15
46.43	30.7	11.6	-	1.2	7.1	4.4	silty CLAY to CLAY	115	1.5	8	20	-	-	1.9	15
46.59	26.4	10.0	-	1.1	7.1	4.6	silty CLAY to CLAY	115	1.5	7	18	-	-	1.6	15
46.75	23.8	9.0	-	0.8	7.1	4.0	silty CLAY to CLAY	115	1.5	6	16	-	-	1.4	15
46.92	24.6	9.3	-	0.8	7.1	3.5	silty CLAY to CLAY	115	1.5	6	16	-	-	1.5	15
47.08	26.9	10.2	-	0.8	7.1	3.4	silty CLAY to CLAY	115	1.5	7	18	-	-	1.6	15
47.25	27.6	10.4	-	0.8	7.1	3.4	silty CLAY to CLAY	115	1.5	7	18	-	-	1.7	15
47.41	28.8	10.9	-	0.8	7.0	3.2	silty CLAY to CLAY	115	1.5	7	19	-	-	1.7	15
47.57	29.6	11.2	-	0.8	7.1	3.1	silty CLAY to CLAY	115	1.5	7	20	-	-	1.8	15
47.74	28.2	10.6	-	0.8	7.0	3.0	silty CLAY to CLAY	115	1.5	7	19	-	-	1.7	15
47.90	28.0	10.6	-	0.8	7.0	3.2	silty CLAY to CLAY	115	1.5	7	19	-	-	1.7	15
48.07	28.4	10.7	-	0.8	6.9	3.2	silty CLAY to CLAY	115	1.5	7	19	-	-	1.7	15
48.23	26.6	10.0	-	0.7	6.9	3.0	silty CLAY to CLAY	115	1.5	7	18	-	-	1.6	15
48.39	25.8	9.7	-	0.7	6.9	3.0	silty CLAY to CLAY	115	1.5	6	17	-	-	1.5	15
48.56	25.8	9.7	-	0.7	6.9	2.9	silty CLAY to CLAY	115	1.5	6	17	-	-	1.5	15
48.72	26.0	9.8	-	0.7	6.9	3.2	silty CLAY to CLAY	115	1.5	7	17	-	-	1.5	15
48.89	27.9	10.5	-	0.8	6.8	3.3	silty CLAY to CLAY	115	1.5	7	19	-	-	1.7	15
49.05	27.6	10.4	-	1.2	6.9	4.9	silty CLAY to CLAY	115	1.5	7	18	-	-	1.7	15
49.22	29.1	11.0	-	1.5	6.9	5.6	silty CLAY to CLAY	115	1.5	7	19	-	-	1.7	15
49.38	39.3	14.8	-	1.6	6.8	4.4	silty CLAY to CLAY	115	1.5	10	26	-	-	2.4	15
49.54	37.4	14.1	-	1.2	6.9	3.6	silty CLAY to CLAY	115	1.5	9	25	-	-	2.3	15

* Indicates the parameter was calculated using the normalized point stress.
The parameters listed above were determined using empirical correlations.
A Professional Engineer must determine their suitability for analysis and design.

Geotechnologies Inc

Location	Salvation Army	Operator	CW-ML	Filename	SDF(658).cpt
Job Number	19372	Cone Number	DSG1047	GPS	
Hole Number	CPT-02	Date and Time	12/27/2006 7:47:54 AM	Maximum Depth	50.36 ft
Water Table Depth		0.00 ft			

CPT DATA



- 1 - sensitive fine grained
- 2 - organic material
- 3 - clay
- 4 - silty clay to clay
- 5 - clayey silt to silty clay
- 6 - sandy silt to clayey silt
- 7 - silty sand to sandy silt
- 8 - sand to silty sand
- 9 - sand
- 10 - gravelly sand to sand
- 11 - very stiff fine grained (*)
- 12 - sand to clayey sand (*)

Depth Increment

*Soil behavior type and SPT based on data from UBC-1983

Project ID: Geotechnologies, Inc.
Data File: SDF(658).cpt
CPT Date: 12/27/2006 7:47:54 AM
GW During Test: 60 ft

Sounding ID: CPT-02
Project No: 19372
Cone/Rig: DSG1047

Depth ft	qc PS tsf	qcln PS -	qlncs PS -	Slv Stss tsf	pore prss (psi)	Frct Rato %	Material Behavior Description	Unit Wght pcf	Qc to N	SPT R-N1 60%	SPT R-N 60%	Rel Den %	Ftn Ang deg	Und Shr tsf	Nk -
0.33	554.4	889.1	889.1	1.8	0.3	0.3	grvly SAND to dense SAND	130	6.0	100	92	95	48	-	16
0.49	331.2	531.2	531.2	1.9	0.3	0.6	grvly SAND to dense SAND	130	6.0	89	55	95	48	-	16
0.66	238.5	382.6	382.6	2.5	0.3	1.0	clean SAND to silty SAND	125	5.0	77	48	95	48	-	16
0.82	176.6	283.2	285.1	2.1	0.3	1.2	clean SAND to silty SAND	125	5.0	57	35	95	48	-	16
0.98	153.4	246.0	269.3	2.4	0.3	1.6	clean SAND to silty SAND	125	5.0	49	31	95	48	-	16
1.15	198.7	318.7	328.9	2.9	0.4	1.5	clean SAND to silty SAND	125	5.0	64	40	95	48	-	16
1.31	199.2	319.5	319.5	2.4	0.4	1.2	clean SAND to silty SAND	125	5.0	64	40	95	48	-	16
1.48	166.6	267.2	290.8	2.7	0.5	1.6	clean SAND to silty SAND	125	5.0	53	33	95	48	-	16
1.64	145.7	233.7	263.4	2.5	1.1	1.7	clean SAND to silty SAND	125	5.0	47	29	95	48	-	16
1.80	141.8	227.4	248.5	2.1	1.1	1.5	clean SAND to silty SAND	125	5.0	45	28	94	48	-	16
1.97	138.2	221.6	235.7	1.8	1.1	1.3	clean SAND to silty SAND	125	5.0	44	28	93	48	-	16
2.13	131.5	210.9	224.8	1.6	1.1	1.2	clean SAND to silty SAND	125	5.0	42	26	92	48	-	16
2.30	122.3	196.1	210.5	1.5	1.1	1.2	clean SAND to silty SAND	125	5.0	39	24	89	48	-	16
2.46	103.9	166.7	186.1	1.3	1.1	1.2	clean SAND to silty SAND	125	5.0	33	21	84	48	-	16
2.62	92.2	147.9	165.7	1.0	1.1	1.1	clean SAND to silty SAND	125	5.0	30	18	80	48	-	16
2.79	85.4	137.0	157.5	1.0	1.1	1.2	clean SAND to silty SAND	125	5.0	27	17	77	48	-	16
2.95	86.8	139.2	159.4	1.0	1.1	1.2	clean SAND to silty SAND	125	5.0	28	17	78	48	-	16
3.12	84.8	136.0	156.5	1.0	1.1	1.2	clean SAND to silty SAND	125	5.0	27	17	77	48	-	16
3.28	82.5	132.4	149.6	0.9	1.1	1.0	clean SAND to silty SAND	125	5.0	26	17	76	47	-	16
3.45	84.2	135.0	151.1	0.9	1.1	1.0	clean SAND to silty SAND	125	5.0	27	17	77	47	-	16
3.61	84.9	136.2	152.0	0.9	1.1	1.0	clean SAND to silty SAND	125	5.0	27	17	77	47	-	16
3.77	84.5	135.5	150.5	0.8	1.1	1.0	clean SAND to silty SAND	125	5.0	27	17	77	47	-	16
3.94	81.3	130.4	147.0	0.8	1.1	1.0	clean SAND to silty SAND	125	5.0	26	16	76	46	-	16
4.10	76.3	122.4	141.2	0.8	1.1	1.1	clean SAND to silty SAND	125	5.0	24	15	74	46	-	16
4.27	69.5	111.4	131.0	0.7	1.1	1.0	clean SAND to silty SAND	125	5.0	22	14	71	45	-	16
4.43	61.1	97.9	119.1	0.6	1.1	1.0	clean SAND to silty SAND	125	5.0	20	12	66	44	-	16
4.59	52.6	84.3	110.6	0.6	1.1	1.2	clean SAND to silty SAND	125	5.0	17	11	61	44	-	16
4.76	47.4	76.0	97.0	0.4	1.1	0.9	clean SAND to silty SAND	125	5.0	15	9	58	43	-	16
4.92	43.6	70.0	98.2	0.5	1.1	1.1	silty SAND to sandy SILT	120	4.0	17	11	55	42	-	16
5.09	36.5	58.6	96.3	0.5	1.0	1.4	silty SAND to sandy SILT	120	4.0	15	9	49	41	-	16
5.25	28.1	45.0	98.0	0.5	0.9	1.9	silty SAND to sandy SILT	120	4.0	11	7	41	40	-	16
5.41	20.2	32.4	102.1	0.5	0.9	2.7	clayy SILT to silty CLAY	115	2.0	16	10	-	-	1.3	15
5.58	13.0	20.9	-	0.4	0.9	3.2	clayy SILT to silty CLAY	115	2.0	10	7	-	-	0.8	15
5.74	12.3	19.8	-	0.4	0.8	3.0	clayy SILT to silty CLAY	115	2.0	10	6	-	-	0.8	15
5.91	18.4	29.6	87.1	0.4	0.8	2.1	clayy SILT to silty CLAY	115	2.0	15	9	-	-	1.2	15
6.07	21.4	34.0	87.1	0.4	0.8	1.9	silty SAND to sandy SILT	120	4.0	8	5	31	37	-	16
6.23	22.3	35.0	80.1	0.3	0.8	1.6	silty SAND to sandy SILT	120	4.0	9	6	32	37	-	16
6.40	24.1	37.3	77.8	0.3	0.8	1.4	silty SAND to sandy SILT	120	4.0	9	6	34	38	-	16
6.56	25.3	38.6	78.1	0.3	0.7	1.3	silty SAND to sandy SILT	120	4.0	10	6	36	38	-	16
6.73	25.5	38.4	82.5	0.4	0.7	1.5	silty SAND to sandy SILT	120	4.0	10	6	35	38	-	16
6.89	24.2	36.1	86.2	0.4	0.7	1.8	silty SAND to sandy SILT	120	4.0	9	6	33	37	-	16
7.05	25.4	37.4	86.4	0.4	0.6	1.7	silty SAND to sandy SILT	120	4.0	9	6	35	37	-	16
7.22	30.8	44.8	89.5	0.5	0.6	1.6	silty SAND to sandy SILT	120	4.0	11	8	41	38	-	16
7.38	36.5	52.6	93.2	0.5	0.6	1.5	silty SAND to sandy SILT	120	4.0	13	9	46	39	-	16
7.55	37.9	54.1	97.4	0.6	0.6	1.6	silty SAND to sandy SILT	120	4.0	14	9	47	39	-	16
7.71	37.7	53.2	97.9	0.6	0.6	1.6	silty SAND to sandy SILT	120	4.0	13	9	46	39	-	16
7.87	39.8	55.6	99.8	0.6	0.5	1.6	silty SAND to sandy SILT	120	4.0	14	10	48	39	-	16
8.04	41.5	57.4	104.0	0.7	0.5	1.7	silty SAND to sandy SILT	120	4.0	14	10	49	40	-	16
8.20	48.3	66.2	109.8	0.8	0.5	1.7	silty SAND to sandy SILT	120	4.0	17	12	53	40	-	16
8.37	54.2	73.5	111.8	0.8	0.5	1.5	silty SAND to sandy SILT	120	4.0	18	14	57	41	-	16
8.53	53.3	71.6	109.8	0.8	0.5	1.5	silty SAND to sandy SILT	120	4.0	18	13	56	41	-	16
8.69	46.0	61.2	105.7	0.8	0.4	1.7	silty SAND to sandy SILT	120	4.0	15	12	51	40	-	16
8.86	45.3	59.7	104.8	0.8	0.4	1.7	silty SAND to sandy SILT	120	4.0	15	11	50	40	-	16
9.02	50.4	65.8	111.9	0.9	0.4	1.8	silty SAND to sandy SILT	120	4.0	16	13	53	40	-	16
9.19	58.4	75.6	121.4	1.0	0.4	1.8	silty SAND to sandy SILT	120	4.0	19	15	58	41	-	16
9.35	65.7	84.3	130.6	1.2	0.4	1.9	silty SAND to sandy SILT	120	4.0	21	16	61	41	-	16
9.51	69.5	88.5	136.7	1.3	0.4	1.9	silty SAND to sandy SILT	120	4.0	22	17	63	41	-	16
9.68	71.9	90.8	140.4	1.4	0.4	2.0	silty SAND to sandy SILT	120	4.0	23	18	64	42	-	16
9.84	75.0	93.9	141.2	1.4	0.4	1.9	silty SAND to sandy SILT	120	4.0	23	19	65	42	-	16
10.01	79.3	98.5	143.3	1.5	0.4	1.9	silty SAND to sandy SILT	120	4.0	25	20	67	42	-	16
10.17	82.0	101.1	146.6	1.5	0.4	1.9	silty SAND to sandy SILT	120	4.0	25	21	67	42	-	16
10.34	82.1	100.4	149.2	1.6	0.4	2.0	silty SAND to sandy SILT	120	4.0	25	21	67	42	-	16
10.50	82.4	99.9	148.5	1.6	0.4	2.0	silty SAND to sandy SILT	120	4.0	25	21	67	42	-	16
10.66	81.6	98.2	145.7	1.6	0.4	2.0	silty SAND to sandy SILT	120	4.0	25	20	66	42	-	16

* Indicates the parameter was calculated using the normalized point stress.
The parameters listed above were determined using empirical correlations.
A Professional Engineer must determine their suitability for analysis and design.

Project ID: Geotechnologies, Inc.
Data File: SDF(658).cpt
CPT Date: 12/27/2006 7:47:54 AM
GW During Test: 60 ft

Sounding ID: CPT-02
Project No: 19372
Cone/Rig: DSG1047

Depth ft	qc PS tsf	qc1n PS -	qincs PS -	Slv Stss tsf	pore prss (psi)	Frct Rato %	Material Behavior Description	Unit Wght pcf	Qc to N	SPT R-N1 60%	SPT R-N 60%	Rel Den %	Ftn Ang deg	Und Shr tsf	Nk -
10.83	79.6	95.1	140.3	1.5	0.5	1.9	silty SAND to sandy SILT	120	4.0	24	20	65	41	-	16
10.99	78.0	92.5	136.5	1.4	0.5	1.8	silty SAND to sandy SILT	120	4.0	23	20	64	41	-	16
11.16	76.0	89.5	132.7	1.3	0.5	1.8	silty SAND to sandy SILT	120	4.0	22	19	63	41	-	16
11.32	74.3	86.9	130.3	1.3	0.5	1.8	silty SAND to sandy SILT	120	4.0	22	19	62	41	-	16
11.48	70.4	81.7	125.0	1.2	0.5	1.7	silty SAND to sandy SILT	120	4.0	20	18	60	41	-	16
11.65	58.0	66.9	124.9	1.3	0.5	2.2	silty SAND to sandy SILT	120	4.0	17	15	54	39	-	16
11.81	41.5	47.6	117.2	1.1	0.5	2.6	silty SAND to sandy SILT	120	4.0	12	10	42	37	-	16
11.98	23.0	31.5	-	1.2	0.5	5.3	silty CLAY to CLAY	115	1.5	21	15	-	-	1.5	15
12.14	24.8	33.6	-	1.1	0.5	4.4	clayy SILT to silty CLAY	115	2.0	17	12	-	-	1.6	15
12.30	18.4	24.6	-	0.9	0.5	4.9	silty CLAY to CLAY	115	1.5	16	12	-	-	1.2	15
12.47	15.2	20.1	-	0.8	0.4	5.3	silty CLAY to CLAY	115	1.5	13	10	-	-	1.0	15
12.63	14.6	19.0	-	0.8	0.4	5.9	silty CLAY to CLAY	115	1.5	13	10	-	-	0.9	15
12.80	22.6	29.1	-	0.8	0.4	3.8	clayy SILT to silty CLAY	115	2.0	15	11	-	-	1.5	15
12.96	19.1	24.3	-	0.8	0.4	4.1	silty CLAY to CLAY	115	1.5	16	13	-	-	1.2	15
13.12	17.7	22.2	-	0.7	0.3	4.0	silty CLAY to CLAY	115	1.5	15	12	-	-	1.1	15
13.29	16.9	21.0	-	0.6	0.3	3.8	silty CLAY to CLAY	115	1.5	14	11	-	-	1.1	15
13.45	17.5	21.4	-	0.7	0.3	4.3	silty CLAY to CLAY	115	1.5	14	12	-	-	1.1	15
13.62	19.8	24.0	-	0.9	0.3	4.7	silty CLAY to CLAY	115	1.5	16	13	-	-	1.3	15
13.78	24.1	28.9	-	1.1	0.3	4.6	silty CLAY to CLAY	115	1.5	19	16	-	-	1.5	15
13.94	28.8	34.1	-	1.1	0.2	4.0	clayy SILT to silty CLAY	115	2.0	17	14	-	-	1.9	15
14.11	45.1	47.5	131.7	1.4	0.2	3.3	clayy SILT to silty CLAY	115	2.0	24	23	-	-	3.0	15
14.27	46.0	48.2	131.0	1.4	0.2	3.2	clayy SILT to silty CLAY	115	2.0	24	23	-	-	3.0	15
14.44	63.8	66.4	132.2	1.6	0.2	2.5	silty SAND to sandy SILT	120	4.0	17	16	53	39	-	16
14.60	75.0	77.6	133.4	1.6	0.2	2.2	silty SAND to sandy SILT	120	4.0	19	19	59	40	-	16
14.76	75.9	78.2	136.2	1.7	0.1	2.2	silty SAND to sandy SILT	120	4.0	20	19	59	40	-	16
14.93	79.9	81.8	136.6	1.7	0.1	2.1	silty SAND to sandy SILT	120	4.0	20	20	60	40	-	16
15.09	76.7	78.1	122.5	1.3	0.1	1.8	silty SAND to sandy SILT	120	4.0	20	19	59	40	-	16
15.26	72.3	73.2	131.0	1.6	0.1	2.2	silty SAND to sandy SILT	120	4.0	18	18	57	39	-	16
15.42	73.7	74.2	139.5	1.8	0.1	2.5	silty SAND to sandy SILT	120	4.0	19	18	57	39	-	16
15.58	73.6	73.8	143.5	1.9	0.1	2.7	silty SAND to sandy SILT	120	4.0	18	18	57	39	-	16
15.75	78.7	78.4	141.1	1.9	0.1	2.4	silty SAND to sandy SILT	120	4.0	20	20	59	39	-	16
15.91	81.2	80.5	137.3	1.8	0.1	2.2	silty SAND to sandy SILT	120	4.0	20	20	60	40	-	16
16.08	81.3	80.2	134.1	1.7	0.1	2.1	silty SAND to sandy SILT	120	4.0	20	20	60	40	-	16
16.24	84.2	82.6	132.5	1.6	0.1	2.0	silty SAND to sandy SILT	120	4.0	21	21	61	40	-	16
16.40	84.9	82.9	128.9	1.5	0.1	1.8	silty SAND to sandy SILT	120	4.0	21	21	61	40	-	16
16.57	81.0	78.7	124.5	1.5	0.1	1.8	silty SAND to sandy SILT	120	4.0	20	20	59	39	-	16
16.73	78.4	75.8	121.3	1.4	0.1	1.8	silty SAND to sandy SILT	120	4.0	19	20	58	39	-	16
16.90	73.5	70.8	117.9	1.3	0.1	1.8	silty SAND to sandy SILT	120	4.0	18	18	56	39	-	16
17.06	64.7	62.0	114.1	1.3	0.1	2.0	silty SAND to sandy SILT	120	4.0	15	16	51	38	-	16
17.23	55.4	52.8	114.7	1.3	0.1	2.3	silty SAND to sandy SILT	120	4.0	13	14	46	37	-	16
17.39	50.1	47.5	115.0	1.2	0.2	2.5	silty SAND to sandy SILT	120	4.0	12	13	42	36	-	16
17.55	46.5	43.9	113.2	1.2	0.2	2.6	clayy SILT to silty CLAY	115	2.0	22	23	-	-	3.0	15
17.72	36.0	33.7	-	1.2	0.2	3.3	clayy SILT to silty CLAY	115	2.0	17	18	-	-	2.3	15
17.88	24.7	22.9	-	1.0	0.2	4.4	silty CLAY to CLAY	115	1.5	15	16	-	-	1.6	15
18.05	13.8	12.7	-	0.7	0.2	5.7	silty CLAY to CLAY	115	1.5	8	9	-	-	0.8	15
18.21	9.7	8.8	-	0.4	0.2	4.6	silty CLAY to CLAY	115	1.5	6	6	-	-	0.6	15
18.37	8.6	7.7	-	0.3	0.1	3.7	silty CLAY to CLAY	115	1.5	5	6	-	-	0.5	15
18.54	9.4	8.4	-	0.4	0.1	4.7	silty CLAY to CLAY	115	1.5	6	6	-	-	0.5	15
18.70	14.3	12.7	-	0.4	0.0	3.1	silty CLAY to CLAY	115	1.5	8	10	-	-	0.9	15
18.87	11.3	10.0	-	0.4	0.0	3.6	silty CLAY to CLAY	115	1.5	7	8	-	-	0.7	15
19.03	8.8	7.7	-	0.3	-0.1	3.3	silty CLAY to CLAY	115	1.5	5	6	-	-	0.5	15
19.19	7.4	6.4	-	0.2	-0.1	2.8	silty CLAY to CLAY	115	1.5	4	5	-	-	0.4	15
19.36	7.2	6.2	-	0.2	-0.1	2.5	silty CLAY to CLAY	115	1.5	4	5	-	-	0.4	15
19.52	7.8	6.6	-	0.2	-0.1	2.6	silty CLAY to CLAY	115	1.5	4	5	-	-	0.4	15
19.69	8.1	6.9	-	0.2	-0.1	2.3	silty CLAY to CLAY	115	1.5	5	5	-	-	0.5	15
19.85	8.0	6.7	-	0.2	-0.1	2.4	silty CLAY to CLAY	115	1.5	4	5	-	-	0.5	15
20.01	8.6	7.2	-	0.2	-0.2	2.4	silty CLAY to CLAY	115	1.5	5	6	-	-	0.5	15
20.18	9.9	8.2	-	0.2	-0.2	2.3	silty CLAY to CLAY	115	1.5	5	7	-	-	0.6	15
20.34	10.1	8.3	-	0.2	-0.2	2.2	silty CLAY to CLAY	115	1.5	6	7	-	-	0.6	15
20.51	10.9	8.8	-	0.2	-0.2	2.2	silty CLAY to CLAY	115	1.5	6	7	-	-	0.6	15
20.67	11.3	9.1	-	0.2	-0.2	2.1	silty CLAY to CLAY	115	1.5	6	8	-	-	0.7	15
20.83	12.3	9.8	-	0.2	-0.2	2.2	silty CLAY to CLAY	115	1.5	7	8	-	-	0.7	15
21.00	13.0	10.4	-	0.2	-0.3	2.1	silty CLAY to CLAY	115	1.5	7	9	-	-	0.8	15
21.16	12.9	10.2	-	0.4	-0.3	3.1	silty CLAY to CLAY	115	1.5	7	9	-	-	0.8	15
21.33	14.3	11.2	-	0.7	-0.3	5.5	silty CLAY to CLAY	115	1.5	7	10	-	-	0.9	15

* Indicates the parameter was calculated using the normalized point stress.
The parameters listed above were determined using empirical correlations.
A Professional Engineer must determine their suitability for analysis and design.

Project ID: Geotechnologies, Inc.
Data File: SDF(658).cpt
CPT Date: 12/27/2006 7:47:54 AM
GW During Test: 60 ft

Sounding ID: CPT-02
Project No: 19372
Cone/Rig: DSG1047

Depth ft	qc PS tsf	qc1n PS -	q1ncs PS -	Slv Stss tsf	pore prss (psi)	Frct Ratio %	Material Behavior Description	Unit Wght pcf	Qc to N	SPT R-N1 60%	SPT R-N 60%	Rel Den %	Ftn Ang deg	Und Shr tsf	Nk -
21.49	28.1	21.8	-	1.1	-0.3	4.1	silty CLAY to CLAY	115	1.5	15	19	-	-	1.8	15
21.65	35.7	30.5	94.4	0.8	-0.3	2.4	clayy SILT to silty CLAY	115	2.0	15	18	-	-	2.3	15
21.82	60.5	51.4	110.3	1.3	-0.3	2.2	silty SAND to sandy SILT	120	4.0	13	15	45	36	-	16
21.98	99.0	83.9	130.0	1.8	-0.3	1.8	silty SAND to sandy SILT	120	4.0	21	25	61	39	-	16
22.15	136.1	115.0	150.0	2.1	-0.3	1.6	clean SAND to silty SAND	125	5.0	23	27	72	41	-	16
22.31	151.2	127.2	165.0	2.6	-0.3	1.7	clean SAND to silty SAND	125	5.0	25	30	75	41	-	16
22.47	152.3	127.7	170.5	2.8	-0.2	1.9	silty SAND to sandy SILT	120	4.0	32	38	75	41	-	16
22.64	145.1	121.2	167.5	2.8	-0.2	2.0	silty SAND to sandy SILT	120	4.0	30	36	73	41	-	16
22.80	137.2	114.1	161.2	2.7	-0.2	2.0	silty SAND to sandy SILT	120	4.0	29	34	71	41	-	16
22.97	131.5	109.0	154.4	2.5	-0.2	1.9	silty SAND to sandy SILT	120	4.0	27	33	70	40	-	16
23.13	126.0	104.1	148.7	2.3	-0.2	1.9	silty SAND to sandy SILT	120	4.0	26	32	68	40	-	16
23.30	122.3	100.7	145.6	2.3	-0.2	1.9	silty SAND to sandy SILT	120	4.0	25	31	67	40	-	16
23.46	125.6	103.0	146.0	2.2	-0.1	1.8	silty SAND to sandy SILT	120	4.0	26	31	68	40	-	16
23.62	131.5	107.4	145.4	2.2	-0.1	1.7	silty SAND to sandy SILT	120	4.0	27	33	69	40	-	16
23.79	134.3	109.4	146.1	2.2	-0.1	1.6	silty SAND to sandy SILT	120	4.0	27	34	70	40	-	16
23.95	144.3	117.1	151.8	2.3	0.0	1.6	clean SAND to silty SAND	125	5.0	23	29	72	41	-	16
24.12	148.4	120.0	151.2	2.2	0.0	1.5	clean SAND to silty SAND	125	5.0	24	30	73	41	-	16
24.28	148.6	119.7	151.2	2.2	0.1	1.5	clean SAND to silty SAND	125	5.0	24	30	73	41	-	16
24.44	150.0	120.4	151.4	2.2	0.1	1.5	clean SAND to silty SAND	125	5.0	24	30	73	41	-	16
24.61	146.1	116.9	151.8	2.3	0.1	1.6	clean SAND to silty SAND	125	5.0	23	29	72	40	-	16
24.77	135.3	107.9	145.9	2.2	0.2	1.7	silty SAND to sandy SILT	120	4.0	27	34	70	40	-	16
24.94	118.9	94.5	140.9	2.2	0.2	1.9	silty SAND to sandy SILT	120	4.0	24	30	65	39	-	16
25.10	104.9	83.1	123.3	1.7	0.2	1.6	silty SAND to sandy SILT	120	4.0	21	26	61	39	-	16
25.26	83.0	65.6	116.1	1.6	0.3	1.9	silty SAND to sandy SILT	120	4.0	16	21	53	37	-	16
25.43	96.6	76.0	114.2	1.5	0.5	1.5	silty SAND to sandy SILT	120	4.0	19	24	58	38	-	16
25.59	87.2	68.4	112.2	1.4	0.4	1.7	silty SAND to sandy SILT	120	4.0	17	22	54	37	-	16
25.76	70.6	55.2	111.5	1.4	0.4	2.1	silty SAND to sandy SILT	120	4.0	14	18	47	36	-	16
25.92	51.0	39.7	111.1	1.3	0.4	2.7	clayy SILT to silty CLAY	115	2.0	20	25	-	-	3.3	15
26.08	38.5	24.7	-	0.9	0.4	2.4	clayy SILT to silty CLAY	115	2.0	12	19	-	-	2.5	15
26.25	30.9	19.7	-	0.6	0.3	1.9	clayy SILT to silty CLAY	115	2.0	10	15	-	-	2.0	15
26.41	23.5	14.9	-	0.4	0.3	1.9	clayy SILT to silty CLAY	115	2.0	7	12	-	-	1.5	15
26.58	14.9	9.4	-	0.4	0.3	3.3	silty CLAY to CLAY	115	1.5	6	10	-	-	0.9	15
26.74	21.2	13.2	-	0.2	0.3	1.3	clayy SILT to silty CLAY	115	2.0	7	11	-	-	1.3	15
26.90	25.6	19.6	53.7	0.2	0.3	0.9	silty SAND to sandy SILT	120	4.0	5	6	13	29	-	16
27.07	21.3	13.2	-	0.5	0.2	2.7	silty CLAY to CLAY	115	1.5	9	14	-	-	1.3	15
27.23	36.7	22.6	-	0.9	0.2	2.6	clayy SILT to silty CLAY	115	2.0	11	18	-	-	2.3	15
27.40	41.3	25.2	-	0.9	0.2	2.3	clayy SILT to silty CLAY	115	2.0	13	21	-	-	2.6	15
27.56	18.9	11.5	-	0.6	0.2	3.6	silty CLAY to CLAY	115	1.5	8	13	-	-	1.1	15
27.72	13.1	7.9	-	0.3	0.1	2.5	silty CLAY to CLAY	115	1.5	5	9	-	-	0.8	15
27.89	15.1	9.1	-	0.3	0.1	2.2	silty CLAY to CLAY	115	1.5	6	10	-	-	0.9	15
28.05	15.3	9.1	-	0.4	0.1	3.0	silty CLAY to CLAY	115	1.5	6	10	-	-	0.9	15
28.22	14.3	8.5	-	0.5	0.0	3.6	silty CLAY to CLAY	115	1.5	6	10	-	-	0.8	15
28.38	13.5	8.0	-	0.4	0.0	3.4	silty CLAY to CLAY	115	1.5	5	9	-	-	0.8	15
28.54	13.1	7.7	-	0.3	0.0	3.0	silty CLAY to CLAY	115	1.5	5	9	-	-	0.8	15
28.71	12.4	7.2	-	0.3	-0.1	2.8	silty CLAY to CLAY	115	1.5	5	8	-	-	0.7	15
28.87	12.1	7.0	-	0.3	-0.3	3.2	silty CLAY to CLAY	115	1.5	5	8	-	-	0.7	15
29.04	12.7	7.3	-	0.4	-0.3	3.5	silty CLAY to CLAY	115	1.5	5	8	-	-	0.7	15
29.20	12.0	6.9	-	0.4	-0.3	3.9	silty CLAY to CLAY	115	1.5	5	8	-	-	0.7	15
29.36	12.1	6.9	-	0.4	-0.3	4.1	silty CLAY to CLAY	115	1.5	5	8	-	-	0.7	15
29.53	15.0	8.5	-	0.5	-0.4	3.7	silty CLAY to CLAY	115	1.5	6	10	-	-	0.9	15
29.69	16.7	9.4	-	0.5	-0.4	3.2	silty CLAY to CLAY	115	1.5	6	11	-	-	1.0	15
29.86	16.7	9.4	-	0.6	-0.4	4.0	silty CLAY to CLAY	115	1.5	6	11	-	-	1.0	15
30.02	16.7	9.3	-	0.7	-0.4	4.4	silty CLAY to CLAY	115	1.5	6	11	-	-	1.0	15
30.19	15.5	8.6	-	0.7	-0.4	4.8	silty CLAY to CLAY	115	1.5	6	10	-	-	0.9	15
30.35	13.2	7.3	-	0.6	-0.4	5.6	silty CLAY to CLAY	115	1.5	5	9	-	-	0.8	15
30.51	11.6	6.4	-	0.6	-0.4	5.7	silty CLAY to CLAY	115	1.5	4	8	-	-	0.7	15
30.68	9.8	5.4	-	0.4	-0.4	5.0	silty CLAY to CLAY	115	1.5	4	7	-	-	0.5	15
30.84	12.1	6.6	-	0.6	-0.5	5.5	silty CLAY to CLAY	115	1.5	4	8	-	-	0.7	15
31.01	18.7	10.1	-	0.8	-0.4	4.7	silty CLAY to CLAY	115	1.5	7	12	-	-	1.1	15
31.17	23.4	12.6	-	1.2	-0.4	5.6	silty CLAY to CLAY	115	1.5	8	16	-	-	1.4	15
31.33	24.0	12.9	-	1.2	-0.4	5.5	silty CLAY to CLAY	115	1.5	9	16	-	-	1.5	15
31.50	34.5	18.4	-	1.0	-0.4	3.2	clayy SILT to silty CLAY	115	2.0	9	17	-	-	2.2	15
31.66	32.2	17.1	-	0.8	-0.4	2.6	clayy SILT to silty CLAY	115	2.0	9	16	-	-	2.0	15
31.83	33.2	17.5	-	0.8	-0.4	2.5	clayy SILT to silty CLAY	115	2.0	9	17	-	-	2.1	15
31.99	37.0	19.5	-	1.8	-0.4	5.0	silty CLAY to CLAY	115	1.5	13	25	-	-	2.3	15

* Indicates the parameter was calculated using the normalized point stress.
The parameters listed above were determined using empirical correlations.
A Professional Engineer must determine their suitability for analysis and design.

Project ID: Geotechnologies, Inc.
Data File: SDF(658).cpt
CPT Date: 12/27/2006 7:47:54 AM
GW During Test: 60 ft

Sounding ID: CPT-02
Project No: 19372
Cone/Rig: DSG1047

Depth ft	qc PS tsf	*qcln PS -	qlncs PS -	Slv Stss tsf	pore prss (psi)	Frct Rato %	* Material Behavior Description	Unit Wght pcf	Qc to N	SPT R-N1 60%	SPT R-N 60%	Rel Den %	Ftn Ang deg	Und Shr tsf	*Nk -
32.15	52.2	27.3	-	2.0	-0.1	4.0	clayy SILT to silty CLAY	115	2.0	14	26	-	-	3.4	15
32.32	80.1	56.1	135.0	2.3	0.0	3.0	clayy SILT to silty CLAY	115	2.0	28	40	-	-	5.2	15
32.48	77.9	54.4	141.9	2.5	-0.1	3.3	clayy SILT to silty CLAY	115	2.0	27	39	-	-	5.1	15
32.65	53.1	27.4	-	2.2	-0.1	4.3	silty CLAY to CLAY	115	1.5	18	35	-	-	3.4	15
32.81	30.2	15.5	-	1.5	-0.1	5.3	silty CLAY to CLAY	115	1.5	10	20	-	-	1.9	15
32.97	20.7	10.5	-	1.4	0.0	7.4	silty CLAY to CLAY	115	1.5	7	14	-	-	1.2	15
33.14	31.1	15.8	-	1.4	0.0	4.8	silty CLAY to CLAY	115	1.5	11	21	-	-	1.9	15
33.30	26.6	13.4	-	1.3	0.0	5.3	silty CLAY to CLAY	115	1.5	9	18	-	-	1.6	15
33.47	111.4	76.8	100.6	1.1	0.0	1.0	clean SAND to silty SAND	125	5.0	15	22	58	37	-	16
33.63	169.7	116.6	133.5	1.6	0.1	1.0	clean SAND to silty SAND	125	5.0	23	34	72	40	-	16
33.79	113.6	77.9	134.4	2.4	0.1	2.2	silty SAND to sandy SILT	120	4.0	19	28	59	37	-	16
33.96	51.7	25.6	-	2.4	0.0	4.8	silty CLAY to CLAY	115	1.5	17	34	-	-	3.3	15
34.12	45.1	22.3	-	2.1	0.0	4.9	silty CLAY to CLAY	115	1.5	15	30	-	-	2.9	15
34.29	44.8	22.0	-	1.8	0.1	4.3	silty CLAY to CLAY	115	1.5	15	30	-	-	2.9	15
34.45	103.9	70.6	100.6	1.2	0.1	1.2	silty SAND to sandy SILT	120	4.0	18	26	55	37	-	16
34.61	177.0	119.9	128.7	1.2	0.2	0.7	clean SAND to silty SAND	125	5.0	24	35	73	40	-	16
34.78	126.5	85.5	121.3	1.8	0.2	1.5	silty SAND to sandy SILT	120	4.0	21	32	62	38	-	16
34.94	54.3	26.2	-	1.8	0.2	3.5	clayy SILT to silty CLAY	115	2.0	13	27	-	-	3.5	15
35.11	31.4	15.1	-	1.9	0.4	6.6	silty CLAY to CLAY	115	1.5	10	21	-	-	2.0	15
35.27	50.7	24.2	-	1.3	0.4	2.6	clayy SILT to silty CLAY	115	2.0	12	25	-	-	3.2	15
35.43	30.7	14.6	-	0.6	0.4	2.2	clayy SILT to silty CLAY	115	2.0	7	15	-	-	1.9	15
35.60	15.6	7.4	-	0.4	0.4	2.8	silty CLAY to CLAY	115	1.5	5	10	-	-	0.9	15
35.76	14.0	6.6	-	0.2	0.4	1.3	silty CLAY to CLAY	115	1.5	4	9	-	-	0.8	15
35.93	14.3	6.7	-	0.1	0.4	1.0	clayy SILT to silty CLAY	115	2.0	3	7	-	-	0.8	15
36.09	13.9	6.5	-	0.1	0.4	0.6	sensitive fine SOIL	115	2.0	3	7	-	-	0.8	15
36.26	14.2	6.6	-	0.1	0.3	0.6	sensitive fine SOIL	115	2.0	3	7	-	-	0.8	15
36.42	14.5	6.7	-	0.1	0.3	0.7	clayy SILT to silty CLAY	115	2.0	3	7	-	-	0.8	15
36.58	15.7	7.3	-	0.1	0.3	0.7	clayy SILT to silty CLAY	115	2.0	4	8	-	-	0.9	15
36.75	15.5	7.1	-	0.1	0.3	1.0	clayy SILT to silty CLAY	115	2.0	4	8	-	-	0.9	15
36.91	19.1	8.7	-	0.1	0.3	0.9	clayy SILT to silty CLAY	115	2.0	4	10	-	-	1.1	15
37.08	21.5	9.8	-	0.4	0.2	2.2	silty CLAY to CLAY	115	1.5	7	14	-	-	1.3	15
37.24	26.1	11.8	-	0.8	0.2	3.3	silty CLAY to CLAY	115	1.5	8	17	-	-	1.6	15
37.40	29.2	13.2	-	1.3	0.2	4.8	silty CLAY to CLAY	115	1.5	9	19	-	-	1.8	15
37.57	45.3	20.4	-	1.7	0.3	4.0	silty CLAY to CLAY	115	1.5	14	30	-	-	2.9	15
37.73	45.9	20.5	-	1.5	0.3	3.4	clayy SILT to silty CLAY	115	2.0	10	23	-	-	2.9	15
37.90	31.8	14.1	-	1.2	0.3	4.1	silty CLAY to CLAY	115	1.5	9	21	-	-	2.0	15
38.06	30.4	13.5	-	1.3	0.3	4.8	silty CLAY to CLAY	115	1.5	9	20	-	-	1.9	15
38.22	35.7	15.8	-	1.6	0.3	4.7	silty CLAY to CLAY	115	1.5	11	24	-	-	2.2	15
38.39	55.1	35.5	75.4	0.7	0.3	1.3	silty SAND to sandy SILT	120	4.0	9	14	33	32	-	16
38.55	68.6	44.1	96.9	1.2	0.4	1.9	silty SAND to sandy SILT	120	4.0	11	17	40	33	-	16
38.72	68.0	43.6	112.5	1.7	0.4	2.6	silty SAND to sandy SILT	120	4.0	11	17	40	33	-	16
38.88	46.9	20.3	-	1.5	0.4	3.4	clayy SILT to silty CLAY	115	2.0	10	23	-	-	3.0	15
39.04	26.7	11.6	-	1.4	0.3	5.6	silty CLAY to CLAY	115	1.5	8	18	-	-	1.6	15
39.21	24.1	10.4	-	1.1	0.3	5.1	silty CLAY to CLAY	115	1.5	7	16	-	-	1.5	15
39.37	31.6	13.6	-	1.1	0.4	3.8	silty CLAY to CLAY	115	1.5	9	21	-	-	2.0	15
39.54	26.3	11.2	-	1.0	0.4	4.1	silty CLAY to CLAY	115	1.5	7	18	-	-	1.6	15
39.70	22.8	9.7	-	0.9	0.4	4.4	silty CLAY to CLAY	115	1.5	6	15	-	-	1.4	15
39.86	25.7	10.9	-	1.1	0.4	4.5	silty CLAY to CLAY	115	1.5	7	17	-	-	1.6	15
40.03	30.9	13.1	-	1.4	0.4	5.0	silty CLAY to CLAY	115	1.5	9	21	-	-	1.9	15
40.19	32.4	13.6	-	1.3	0.4	4.4	silty CLAY to CLAY	115	1.5	9	22	-	-	2.0	15
40.36	24.7	10.3	-	0.8	0.4	3.6	silty CLAY to CLAY	115	1.5	7	16	-	-	1.5	15
40.52	18.6	7.8	-	0.6	0.4	3.4	silty CLAY to CLAY	115	1.5	5	12	-	-	1.1	15
40.68	19.5	8.1	-	0.7	0.3	4.1	silty CLAY to CLAY	115	1.5	5	13	-	-	1.1	15
40.85	23.5	9.7	-	0.9	0.3	4.4	silty CLAY to CLAY	115	1.5	6	16	-	-	1.4	15
41.01	22.4	9.2	-	0.8	0.4	3.9	silty CLAY to CLAY	115	1.5	6	15	-	-	1.3	15
41.18	17.7	7.3	-	0.5	0.3	3.6	silty CLAY to CLAY	115	1.5	5	12	-	-	1.0	15
41.34	17.1	7.0	-	0.8	0.4	5.3	silty CLAY to CLAY	115	1.5	5	11	-	-	1.0	15
41.50	19.2	7.8	-	1.2	0.3	7.2	silty CLAY to CLAY	115	1.5	5	13	-	-	1.1	15
41.67	29.9	12.1	-	1.3	0.3	4.7	silty CLAY to CLAY	115	1.5	8	20	-	-	1.8	15
41.83	27.9	11.3	-	1.2	0.3	4.7	silty CLAY to CLAY	115	1.5	8	19	-	-	1.7	15
42.00	25.0	10.1	-	1.1	0.3	5.0	silty CLAY to CLAY	115	1.5	7	17	-	-	1.5	15
42.16	25.8	10.4	-	1.3	0.3	5.4	silty CLAY to CLAY	115	1.5	7	17	-	-	1.6	15
42.32	29.1	11.7	-	1.2	0.3	4.5	silty CLAY to CLAY	115	1.5	8	19	-	-	1.8	15
42.49	26.0	10.4	-	0.9	0.3	4.0	silty CLAY to CLAY	115	1.5	7	17	-	-	1.6	15
42.65	23.2	9.2	-	0.7	0.3	3.3	silty CLAY to CLAY	115	1.5	6	15	-	-	1.4	15

* Indicates the parameter was calculated using the normalized point stress.
The parameters listed above were determined using empirical correlations.
A Professional Engineer must determine their suitability for analysis and design.

Project ID: Geotechnologies, Inc.
Data File: SDF(658).cpt
CPT Date: 12/27/2006 7:47:54 AM
GW During Test: 60 ft

Sounding ID: CPT-02
Project No: 19372
Cone/Rig: DSG1047

Depth ft	qc PS tsf	*qc1n PS -	qincs PS -	Slv Stss tsf	pore prss (psi)	Frct Rato %	* Material Behavior Description	Unit Wght pcf	Qc to N	* SPT R-N1 60%	SPT R-N 60%	* Rel Den %	* Ftn Ang deg	Und Shr tsf	* Nk -
42.82	19.6	7.8	-	0.6	0.3	3.7	silty CLAY to CLAY	115	1.5	5	13	-	-	1.1	15
42.98	18.7	7.4	-	0.9	0.3	5.7	silty CLAY to CLAY	115	1.5	5	12	-	-	1.1	15
43.15	21.2	8.3	-	1.0	0.3	5.5	silty CLAY to CLAY	115	1.5	6	14	-	-	1.2	15
43.31	28.6	11.2	-	1.4	0.3	5.2	silty CLAY to CLAY	115	1.5	7	19	-	-	1.7	15
43.47	24.9	9.7	-	1.4	0.3	6.2	silty CLAY to CLAY	115	1.5	6	17	-	-	1.5	15
43.64	33.3	12.9	-	1.2	0.3	3.9	silty CLAY to CLAY	115	1.5	9	22	-	-	2.0	15
43.80	26.8	10.4	-	1.0	0.3	4.0	silty CLAY to CLAY	115	1.5	7	18	-	-	1.6	15
43.97	23.7	9.1	-	1.0	0.3	4.7	silty CLAY to CLAY	115	1.5	6	16	-	-	1.4	15
44.13	26.2	10.1	-	1.5	0.3	6.3	silty CLAY to CLAY	115	1.5	7	17	-	-	1.6	15
44.29	35.0	13.4	-	1.6	0.3	4.9	silty CLAY to CLAY	115	1.5	9	23	-	-	2.2	15
44.46	38.9	14.8	-	1.6	0.3	4.4	silty CLAY to CLAY	115	1.5	10	26	-	-	2.4	15
44.62	28.9	11.0	-	1.4	0.3	5.1	silty CLAY to CLAY	115	1.5	7	19	-	-	1.8	15
44.79	23.5	8.9	-	1.1	0.3	5.2	silty CLAY to CLAY	115	1.5	6	16	-	-	1.4	15
44.95	23.5	8.9	-	1.2	0.3	5.8	silty CLAY to CLAY	115	1.5	6	16	-	-	1.4	15
45.11	25.2	9.5	-	1.9	0.4	8.4	silty CLAY to CLAY	115	1.5	6	17	-	-	1.5	15
45.28	35.9	13.5	-	2.4	0.5	7.3	silty CLAY to CLAY	115	1.5	9	24	-	-	2.2	15
45.44	116.2	69.0	130.2	2.6	0.5	2.3	silty SAND to sandy SILT	120	4.0	17	29	55	36	-	16
45.61	151.8	89.9	135.3	2.7	0.5	1.8	silty SAND to sandy SILT	120	4.0	22	38	63	37	-	16
45.77	149.9	88.6	137.8	2.9	0.6	2.0	silty SAND to sandy SILT	120	4.0	22	37	63	37	-	16
45.93	135.1	79.7	155.5	3.8	0.5	2.8	silty SAND to sandy SILT	120	4.0	20	34	60	37	-	16
46.10	86.0	32.4	-	4.3	0.5	5.1	silty CLAY to CLAY	115	1.5	22	57	-	-	5.5	15
46.26	61.6	23.2	-	4.4	0.5	7.4	silty CLAY to CLAY	115	1.5	15	41	-	-	3.9	15
46.43	60.2	22.7	-	3.4	0.5	5.9	silty CLAY to CLAY	115	1.5	15	40	-	-	3.8	15
46.59	47.7	18.0	-	2.9	0.6	6.4	silty CLAY to CLAY	115	1.5	12	32	-	-	3.0	15
46.75	63.9	24.1	-	1.8	0.8	3.0	clayy SILT to silty CLAY	115	2.0	12	32	-	-	4.1	15
46.92	120.0	70.1	112.1	1.9	0.8	1.6	silty SAND to sandy SILT	120	4.0	18	30	55	36	-	16
47.08	75.4	28.5	-	2.0	0.9	2.8	clayy SILT to silty CLAY	115	2.0	14	38	-	-	4.8	15
47.25	44.4	16.7	-	1.8	0.9	4.3	silty CLAY to CLAY	115	1.5	11	30	-	-	2.8	15
47.41	32.9	12.4	-	1.5	0.9	4.8	silty CLAY to CLAY	115	1.5	8	22	-	-	2.0	15
47.57	30.1	11.4	-	1.1	0.9	3.9	silty CLAY to CLAY	115	1.5	8	20	-	-	1.8	15
47.74	28.6	10.8	-	1.1	1.0	4.1	silty CLAY to CLAY	115	1.5	7	19	-	-	1.7	15
47.90	26.4	9.9	-	1.3	1.0	5.4	silty CLAY to CLAY	115	1.5	7	18	-	-	1.6	15
48.07	24.4	9.2	-	1.3	0.9	5.8	silty CLAY to CLAY	115	1.5	6	16	-	-	1.4	15
48.23	25.2	9.5	-	1.2	0.9	5.5	silty CLAY to CLAY	115	1.5	6	17	-	-	1.5	15
48.39	24.8	9.4	-	1.0	0.9	4.7	silty CLAY to CLAY	115	1.5	6	17	-	-	1.5	15
48.56	23.5	8.9	-	1.2	0.8	5.9	silty CLAY to CLAY	115	1.5	6	16	-	-	1.4	15
48.72	20.1	7.6	-	1.2	0.8	6.8	silty CLAY to CLAY	115	1.5	5	13	-	-	1.2	15
48.89	20.5	7.7	-	1.0	0.8	5.8	silty CLAY to CLAY	115	1.5	5	14	-	-	1.2	15
49.05	21.0	7.9	-	0.8	0.8	4.7	silty CLAY to CLAY	115	1.5	5	14	-	-	1.2	15
49.22	20.2	7.6	-	0.9	0.8	5.5	silty CLAY to CLAY	115	1.5	5	13	-	-	1.2	15
49.38	23.4	8.8	-	1.5	0.8	7.3	silty CLAY to CLAY	115	1.5	6	16	-	-	1.4	15
49.54	38.6	14.6	-	2.3	0.8	6.5	silty CLAY to CLAY	115	1.5	10	26	-	-	2.4	15
49.71	49.9	18.8	-	2.8	0.8	6.0	silty CLAY to CLAY	115	1.5	13	33	-	-	3.1	15
49.87	46.5	17.5	-	2.9	0.8	6.6	silty CLAY to CLAY	115	1.5	12	31	-	-	2.9	15
50.04	36.6	13.8	-	2.5	0.8	7.5	silty CLAY to CLAY	115	1.5	9	24	-	-	2.2	15

* Indicates the parameter was calculated using the normalized point stress.
The parameters listed above were determined using empirical correlations.
A Professional Engineer must determine their suitability for analysis and design.

Appendix F

Phase II Environmental Site Assessment

Rincon Consultants, Inc.
180 North Ashwood Avenue
Ventura, California 93003

805 644 4455

info@rinconconsultants.com
www.rinconconsultants.com

August 18, 2022
Project No.: 21-12270

Captain J Koebel, The Salvation Army
c/o Stacey Estes, Consultant to The Salvation Army
16941 Keegan Avenue
Carson, California 90746
Via email: staceylestes@aol.com

Subject: Phase II Environmental Site Assessment
Bell Oasis II, Portion of 5600 Rickenbacker Road
Bell, California

Dear Captain Koebel:

Rincon Consultants, Inc. (Rincon) is pleased to submit this letter report summarizing the results of a Phase II Environmental Site Assessment (ESA) conducted at the Bell Oasis II property located on a portion of 5600 Rickenbacker Road in Bell, California (site – Figure 1). The Phase II ESA was conducted for The Salvation Army and comprised a soil and soil vapor assessment to evaluate the site for potential impacts from former adjacent land uses and adjacent properties of concern identified in the Draft Phase I ESA prepared for the site by Rincon, dated January 17, 2022.

Project Background

Rincon's Draft Phase I ESA for the site, dated January 17, 2022, identified the following Recognized Environmental Conditions (RECs):

Recognized Environmental Conditions

1. Southern adjacent railroad tracks for over 80 years
2. Southern adjacent open release case (Valspar site – 5501 East Slauson Avenue) with volatile organic compound (VOC)-impacted soil vapor and groundwater

Rincon recommended that a subsurface assessment be conducted.

Objectives and Scope of Work

This Phase II ESA was conducted to determine if soil and soil vapor at the site have been impacted by former adjacent land uses and adjacent properties of concern.

The Phase II ESA conducted at the site included the following scope of work, consistent with Rincon's proposal dated February 8, 2022, and scope modifications made in the field:

- Mark-outs and Underground Service Alert notification
- Preparation of a site-specific Health and Safety Plan

- Advancement of a total of six soil vapor borings (SV-1 through SV-6), and collection of soil vapor samples at 5 feet below ground surface (bgs) in each of the boring location (plus one duplicate sample)
  - Analysis of soil vapor samples for volatile organic compounds (VOCs) and total petroleum hydrocarbons (TPH) as gasoline (TPHg)
- Advancement of a total of eight soil borings (RB-1 and RB-8) using a hand auger to a total depth of 2 feet bgs
  - Analysis of soil samples collected from RB-1 and RB-2 for organochlorine pesticides (OCPs), Title 22 Metals, and TPHg, TPH diesel (TPHd), and TPH oil (TPHo), based on the proximity to the railroad to the south of the site
  - Analysis of soil samples collected from RB-3 through RB-8 for Title 22 Metals, based on the constituents detected in RB-1 and RB-2
- Evaluation of laboratory analytical results and comparison of analyte concentrations to applicable environmental and human health screening levels

Soil Vapor Sampling and Laboratory Analytical Methods

On April 11, 2022, Rincon oversaw the advancement of six soil vapor borings (SV-1 through SV-6) and the collection of seven soil vapor samples (including one duplicate sample) at the site by Optimal Technology (Optimal) (Figure 2). The soil vapor borings were advanced to a total depth of 5 feet bgs.

Soil vapor sampling was performed in general accordance with the California Department of Toxic Substances Control's (DTSC) July 2015 Advisory for Active Soil Gas Investigations[1]. The sampling methodology is described in detail in the attached report from Optimal (Attachment 1).

Soil vapor samples were analyzed for VOCs and TPHg, using Optimal's mobile analytical laboratory by United States Environmental Protection Agency (US EPA) Modified Method 8260B.

Soil Vapor Analytical Results

Soil vapor analytical results were compared to the San Francisco Bay Regional Water Quality Control Board (SFB RWQCB) Environmental Screening Levels (ESLs) for soil vapor for residential land use (SFB RWQCB 2019)[2], based on the proposed use of the site as transitional housing. VOCs and TPHg were not detected above laboratory practical quantitation limits (PQLs). Rincon confirmed that the laboratory reporting limits for each constituent are below the established residential ESLs, with the exception of vinyl chloride.

Vinyl chloride is a degradation product of tetrachloroethene (PCE) and trichloroethene (TCE). Because PCE and TCE were not detected above laboratory PQLs in the soil vapor samples analyzed, it is unlikely that vinyl chloride is present in soil vapor at the site at concentrations that present a risk.

The laboratory analytical report for soil vapor samples is included in Attachment 1.

[1] Department of Toxic Substances Control. 2015. *Advisory—Active Soil Gas Investigations*. July 2015.
[2] San Francisco Bay Regional Water Quality Control Board. 2019. Environmental Screening Levels (ESLs). July 2019.

Soil Sampling and Laboratory Analytical Methods

On April 11, 2022, Rincon advanced a total of two soil borings at the site (RB-1 and RB-2). The borings were located in asphalt, and the surface of the asphalt was cored using a hand drill. After being cored, the borings were advanced to a depth of 2 feet bgs using a hand auger (Figure 2). Soil samples were collected at 0.5 and 2 feet bgs from each of the borings. The soil samples were collected in laboratory-supplies glass jars, capped, labeled, and stored on ice pending delivery to a state-accredited analytical laboratory under chain-of-custody documentation.

The soil samples were analyzed for the following constituents:

- OCPs by USA EPA Method 8081A
- TPHg/TPHd/TPHo by US EPA 8015
- Title 22 Metals by US EPA 6010B/7471A

Initially, only the soil samples collected from 0.5 feet bgs were analyzed. Based on the initial results, the soil samples collected from 2 feet bgs were analyzed for Title 22 Metals. Additionally, soluble threshold limit concentration (STLC) and toxicity characteristic leaching procedure (TCLP) analyses for lead were conducted for the soil sample collected from 0.5 feet bgs from RB-2. STLC analysis for arsenic was also conducted for the soil samples collected from 2 feet bgs from RB-1 and RB-2.

Based on the results of the samples collected in April 2022, Rincon remobilized to the site on June 14, 2022, and advanced a total of six additional soil borings (RB-3 through RB-8). The borings were located in asphalt, and the surface of the asphalt was cored using a hand drill. After being cored, the borings were advanced to a depth of 2 feet bgs using a hand auger (Figure 2). Soil samples were collected at 0.5 and 2 feet bgs from each of the borings. The soil samples were collected in laboratory-supplies glass jars, capped, labeled, and stored on ice pending delivery to a state-accredited analytical laboratory under chain-of-custody documentation. The soil samples were analyzed for Title 22 Metals by US EPA 6010B/7471A. STLC analysis for lead was conducted for the soil sample collected from 0.5 feet bgs from RB-3.

Soil Analytical Results

Summaries of the soil laboratory analytical results are included in Tables 1 through 4. The laboratory analytical reports for soil samples are included in Attachment 2.

OCPs

Concentrations of OCPs gamma-chlordane, alpha-chlordane, dichlorodiphenyldichloroethylene, and dichlorodiphenyltrichloroethane were detected above laboratory PQLs in the soil samples. The concentrations of OCPs detected are either below their respective residential ESLs, or the constituents do not have established screening levels.

TPH

TPHg, TPHd, and TPHo were not detected above laboratory PQLs in the soil samples analyzed.

Metals

Arsenic was detected above its respective residential ESL in all of the soil samples analyzed. In five of the soil samples collected from RB-1, RB-2, and RB-5, arsenic was also detected above its respective background concentration range (Kearney Foundation 2006)[3]. At locations RB-1 and RB-2, concentrations of arsenic were significantly higher at 2 feet bgs than 0.5 feet bgs and therefore the vertical extent of impacts is unknown. Additionally, based on the spatial distribution of soil samples, the horizontal extent of arsenic impacts is also unknown. In two of the soil samples (RB-1 and RB-2 at 2 feet bgs), arsenic was detected at concentrations that exceed the STLC trigger threshold (Table 2). Therefore, STLC analysis for arsenic was conducted on RB-1 and RB-2 at 2 feet bgs. STLC concentrations were below the STLC threshold of 5 milligrams per liter (mg/L), which indicates that the arsenic-impacted soil, if disturbed, would not be considered a California hazardous waste.

Lead was detected in all of the soil samples analyzed. In one location (RB-2 at 0.5 feet bgs), lead was detected at a concentration of 106 milligrams per kilogram (mg/kg), which exceeds the residential ESL and the STLC and TCLP trigger thresholds. Therefore, STLC and TCLP analysis for lead were conducted on the soil sample collected from RB-2 at 0.5 feet bgs. The STLC concentration was above the STLC threshold, but the TCLP concentration was below the TCLP threshold, which indicates the soil in that location would be considered California hazardous waste if disturbed. Additionally, lead was detected at a concentration of 66 mg/kg at RB-3 at 0.5 feet bgs, which exceeds the STLC trigger threshold. Therefore, STLC analysis for lead was conducted on that sample. The results indicate that soil in that location would not be considered a California hazardous waste. All of the other concentrations of lead detected were either below their respective residential ESLs or within the typical background concentration range.

No other metals were detected above their respective residential ESLs or at concentrations exceeding their respective background concentrations ranges.

Conclusions and Recommendations

VOCs were not detected above laboratory PQLs in the soil vapor samples analyzed; therefore, it does not appear that the site is impacted by the southern adjacent property. No additional assessment pertaining to soil vapor is recommended.

According to information provided by The Salvation Army, we understand that the site soil is geotechnically suitable for removal and recompaction onsite, assuming no contamination was encountered. However, based on the results of this assessment, arsenic- and lead-impacted soil exceeding the residential ESLs is present onsite, and the extent of contamination has not been delineated vertically or horizontally.

In order to delineate the extent of the impacted soil, Rincon recommends step-out sampling in the areas of arsenic- and lead-impacted soil (RB-1, RB-2, and RB-5).

[3] https://ucanr.edu/sites/poultry/files/297094.pdf

Limitations

This report has been prepared for and is intended for the exclusive use of The Salvation Army. The contents of this report should not be relied upon by any other party without the written consent of Rincon. Our conclusions regarding the site are based on observations of existing site conditions and the results of the subsurface sampling program described in this report. The results of this evaluation are qualified by the fact that only limited sampling and analytical testing was conducted during this assessment.

This scope was not intended to completely establish the quantities and distribution of contaminants present at the site. The concentrations of contaminants measured at any given location may not be representative of conditions at other locations. Furthermore, conditions may change at any particular location as a function of time in response to natural conditions, chemical reactions, and other events. Conclusions regarding the condition of the site do not represent a warranty that all areas within the site are similar to those sampled.

We appreciate the opportunity to support you on this project. Please contact us with any questions or concerns.

Sincerely,
Rincon Consultants, Inc.

Lauren Kodama Roenicke
Project Manager, Due Diligence

Ryan Thacher, PE, PhD
Director, Site Assessment and Remediation

Lisa Bestard
Senior Environmental Scientist

Figures

Figure 1 Vicinity
Figure 2 Sampling Locations

Tables

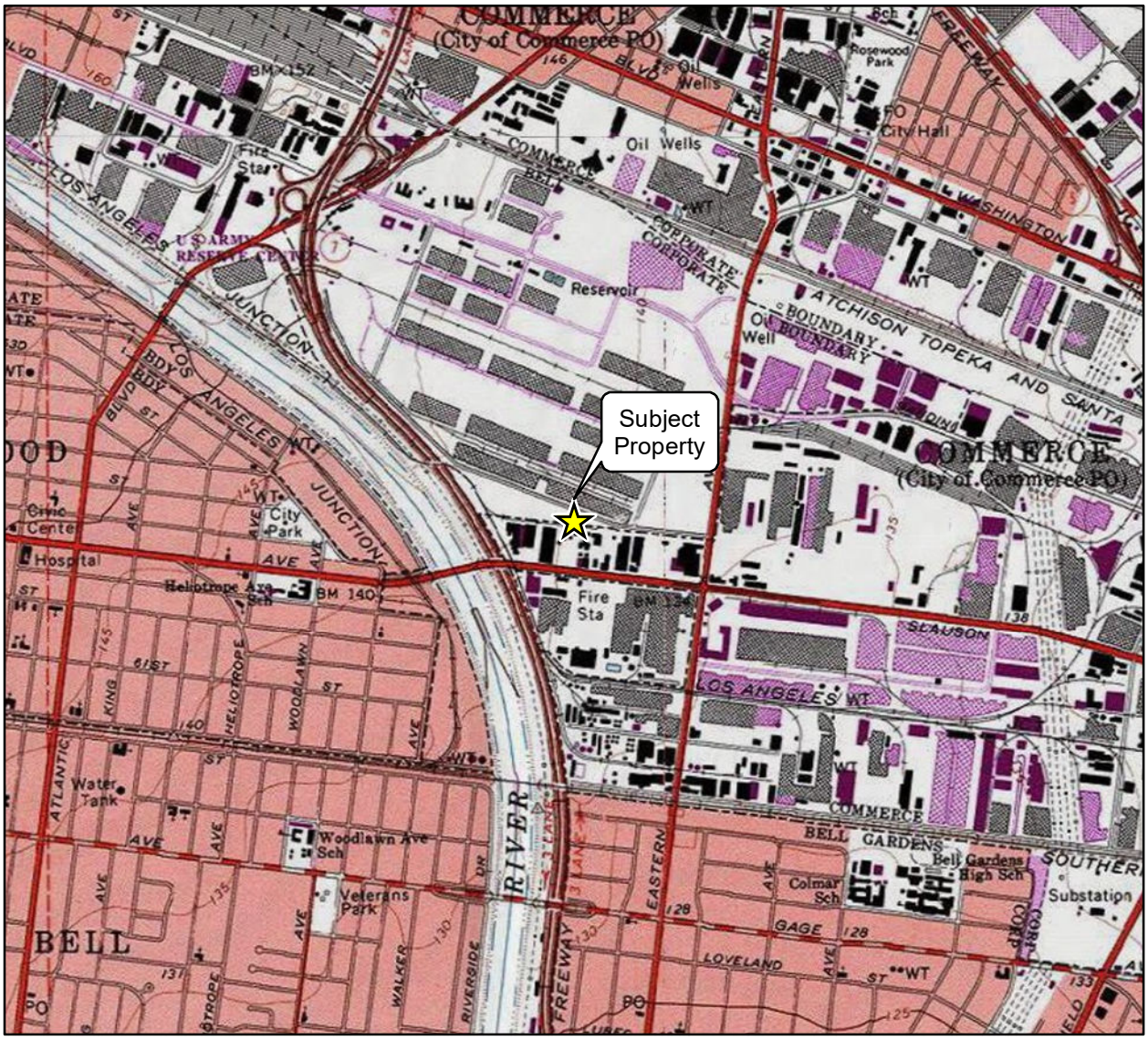
Table 1 Soil Sample Analytical Results – OCPs and TPH
Table 2 Soil Sample Analytical Results – Metals
Table 3 Soil Sample Analytical Results – Lead STLC and TCLP
Table 4 Soil Sample Analytical Results – Arsenic STLC

Attachments

Attachment 1 Soil Vapor Laboratory Analytical Report

Attachment 2 Soil Sample Laboratory Analytical Reports

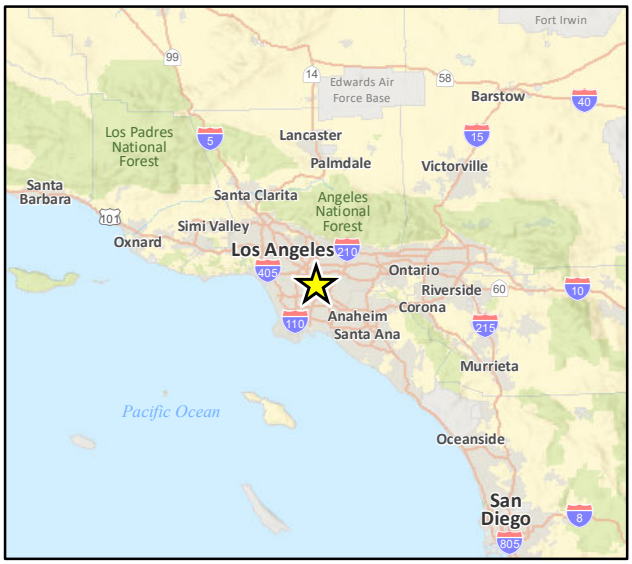
Figures



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0 1,000 2,000
Scale in Feet

N



Vicinity

Figure 1



Imagery provided by Microsoft Bing and its licensors © 2022.

Sampling Location Map

Figure 2

Tables

Table 1: Soil Sample Analytical Results - OCPs and TPH

Sample ID	Depth (feet bgs)	Sampling Date	gamma-Chlordane	alpha-Chlordane	DDE	DDT	Other OCPs	TPHg	TPHd	TPHo
			mg/kg							
RB-1	0.5	4/11/2022	<0.002	<0.002	**0.00413**	**0.00440**	<Various	<0.500	<10.0	<50.0
	2.0		--	--	--	--	--	--	--	--
RB-2	0.5		**0.00499**	**0.00635**	<0.004	**0.0206**	<Various	<0.500	<10.0	<50.0
	2.0		--	--	--	--	--	--	--	--
Residential ESL			*NE*	*NE*	*1.8*	*1.9*	*Various*	*430*	*260*	*12,000*

Definitions

bold	analyte detected above practical quantitation limit
<	not detected above the practical quantitation limit
--	not analyzed
mg/kg	milligrams per kilogram
bgs	below ground surface
DDE	dichlorodiphenyldichloroethylene
DDT	dichlorodiphenyltrichloroethane
NE	not established
OCPs	organochlorine pesticides
TPH	total petroleum hydrocarbons
TPH-d	total petroleum hydrocarbons as diesel
TPH-g	total petroleum hydrocarbons as gasoline
TPH-o	total petroleum hydrocarbons as oil

Screening Levels

ESLs - Environmental Screening Levels, San Francisco Bay Regional Water Quality Control Board, July 2019, Revision 2, Direct Exposure Human Health Risk Levels (Table S-1), Cancer Risk or Non-Cancer Hazard (lower value selected) for:

Residential ESLs - Residential: Shallow Soil Exposure

Table 2: Soil Sample Analytical Results - Metals

Sample ID	Sample Depth (feet bgs)	Sampling Date	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Cobalt	Copper	Lead	Mercury	Molybdenum	Nickel	Selenium	Silver	Thallium	Vanadium	Zinc
			mg/kg																
RB-1	0.5	4/11/2022	**1.16**	**49.4**	**76.5**	<0.500	**1.11**	**8.08**	**5.24**	**11.5**	**21.2**	**0.529**	<0.500	**6.21**	<0.500	<0.500	<0.500	**18.8**	**68.8**
	2		**0.640**	**64.1**	**99.9**	<0.500	**1.64**	**9.31**	**6.26**	**15.2**	**22.2**	**1.10**	<0.500	**6.75**	<0.500	<0.500	<0.500	**22.5**	**97.3**
RB-2	0.5		<0.500	**25.7**	**104**	<0.500	**1.68**	**15.8**	**7.08**	**20.3**	**106**	**0.274**	<0.500	**9.56**	<0.500	<0.500	<0.500	**25.2**	**133**
	2		**0.570**	**66.5**	**142**	<0.500	**2.31**	**17.3**	**9.69**	**25.3**	**34.0**	**0.222**	<0.500	**12.0**	<0.500	<0.500	<0.500	**35.2**	**101**
RB-3	0.5	6/14/2022	**0.71 J, A10**	**5.2 A10**	**120 A10**	**0.19 J, A10**	**1.0 A10**	**16 A10**	**9.2 A10**	**22 A10**	**66 A10**	**0.27**	<0.10	**13 A10**	<2.0	**0.17 J, A10**	<0.13	**37 A10**	**130 A10**
	2		<0.66	**2.8 A10**	**50 A10**	<0.094	**0.10 J, A10**	**9.2 A10**	**4.9 J, A10**	**6.0 A10**	**1.2 J, A10**	**0.031 J**	**0.19 J, A10**	**4.9 A10**	<2.0	<0.13	<1.3	**26 A10**	**26 A10**
RB-4	0.5		<0.66	**4.8 A10**	**110 A10**	**0.24 J, A10**	**0.41 J, A10**	**15 A10**	**8.4 A10**	**16 A10**	**13 A10**	**0.061 J**	<0.10	**10 A10**	<2.0	**0.16 J, A10**	<1.3	**37 A10**	**68 A10**
	2		<0.66	**4.1 A10**	**81 A10**	**0.14 J, A10**	**0.21 J, A10**	**12 A10**	**7.6 A10**	**11 A10**	**1.6 J, A10**	**0.064 J**	<0.10	**8.5 A10**	<2.0	<0.13	<1.3	**32 A10**	**42 A10**
RB-5	0.5		<0.66	**22 A10**	**88 A10**	**0.18 J, A10**	**0.57 J, A10**	**13 A10**	**8.0 A10**	**16 A10**	**29 A10**	**0.13 J**	<0.10	**9.9 A10**	<2.0	**0.15 J, A10**	<1.3	**32 A10**	**73 A10**
	2		**1.2 J, A10**	**2.9 A10**	**67 A10**	**0.12 J, A10**	**0.13 J, A10**	**7.9 A10**	**5.7 A10**	**6.6 A10**	**2.3 J, A10**	**0.031 J**	<0.10	**5.7 A10**	<2.0	**0.21 J, A10**	<1.3	**21 A10**	**33 A10**
RB-6	0.5		**1.3 J, A10**	**7.7 A10**	**99 A10**	**0.25 J, A10**	**0.47 J, A10**	**34 A10**	**8.2 A10**	**20 A10**	**17 A10**	**0.064 J**	<0.10	**11 A10**	<2.0	<0.13	<1.3	**35 A10**	**68 A10**
	2		**1.1 J, A10**	**2.7 A10**	**38 A10**	<0.094	**0.16 J, A10**	**9.7 A10**	**4.3 J, A10**	**5.4 A10**	**1.2 J, A10**	**0.043 J**	<0.10	**4.0 A10**	<2.0	<0.13	<1.3	**29 A10**	**23 A10**
RB-7	0.5		<1.6	**5.2 A10**	**130 A10**	**0.53 J, A10**	**0.36 J, A10**	**20 A10**	**11 J, A10**	**18 A10**	**2.9 J, A10**	**0.069 J**	**0.76 J, A10**	**14 A10**	<4.9	<0.34	<3.2	**43 A10**	**64 A10**
	2		**1.6 J, A10**	**4.5 A10**	**120 A10**	**0.26 J, A10**	**0.37 J, A10**	**18 A10**	**11 A10**	**17 A10**	**3.8 J, A10**	**0.031 J**	<0.10	**12 A10**	<2.0	**0.26 J, A10**	<1.3	**41 A10**	**59 A10**
RB-8	0.5		<1.5	**5.2 A10**	**150 A10**	**0.56 J, A10**	**0.33 J, A10**	**23 A10**	**12 A10**	**21 A10**	**3.7 J, A10**	**0.035 J**	**0.46 J, A10**	**16 A10**	<4.5	<0.30	<2.9	**45 A10**	**71 A10**
	2		<1.6	**5.8 A10**	**130 A10**	**0.52 J, A10**	**0.28 J, A10**	**20 A10**	**11 J, A10**	**19 A10**	**8.9 J, A10**	**0.034 J**	**0.67 J, A10**	**14 A10**	<4.9	<0.34	<3.2	**41 A10**	**64 A10**
Residential ESLs			*11*	*0.067*	*15,000*	*16*	*78*	*NE*	*23*	*3,100*	*80*	*13*	*390*	*820*	*390*	*390*	*0.78*	*390*	*23,000*
Background Concentrations			*0.15-1.95*	*0.6-11*	*133-1,400*	*0.25 - 2.70*	*0.05 - 1.70*	*23 - 1,579*	*2.7 - 46.9*	*9.1 - 96.4*	*12.4 - 97.1*	*12.4 - 97.1*	*0.1 - 9.6*	*9.0 - 509*	*0.015 - 0.430*	*0.10 - 8.3*	*0.17 - 1.1*	*39 - 288*	*88 - 236*
STLC Screening Criteria/ Thresholds			*150*	*50*	*1,000*	*7.5*	*10*	*50*	*800*	*250*	*50*	*2*	*3,500*	*200*	*10*	*50*	*70*	*240*	*2,500*
TCLP Screening Criteria/ Thresholds			*NE*	*100*	*2,000*	*NE*	*20*	*100*	*NE*	*NE*	*100*	*4*	*NE*	*NE*	*20*	*100*	*NE*	*NE*	*NE*

Definitions

bold	analyte detected above method detection limit
	concentrations detected above Residential ESLs
	concentrations exceeding typical background levels
50	concentrations detected above the STLC Threshold
100	concentrations detected above the STLC and TCLP Threshold
<	not detected above the practical quantitation limit
mg/kg	milligrams per kilogram
bgs	below ground surface
J	estimated value
A10	detection and quantitation limits were raised due to matrix interference
NE	not established
STLC	soluble threshold limit concentration
TCLP	toxicity characteristic leaching procedure

Screening Levels

Background Concentration - Kearney, Background Concentrations of Trace and Major Elements in California Soils, University of California, 1996

ESLs - Environmental Screening Levels, San Francisco Bay Regional Water Quality Control Board, July 2019, Revision 2, Direct Exposure Human Health Risk Levels (Table S-1), Cancer Risk or Non-Cancer Hazard (lower value selected) for:

Residential ESLs - Residential: Shallow Soil Exposure

Table 3: Soil Sample Analytical Results - Lead STLC and TCLP

Sample ID	Sample Depth (feet bgs)	STLC	TCLP
		mg/L	
RB-1	0.5	--	--
	2	--	--
RB-2	0.5	**5.30**	<0.500
	2	--	--
RB-3	0.5	**3.28**	--
	2	--	--
	STLC Threshold	5	5

Definitions

bold	analyte detected above method detection limit
	concentrations detected above STLC or TCLP threshold
<	not detected above the practical quantitation limit
--	not analyzed
mg/L	milligrams per liter
bgs	below ground surface
STLC	soluble threshold limit concentration
TCLP	toxicity characteristic leaching procedure

Table 4: Soil Sample Analytical Results - Arsenic STLC

Sample ID	Sample Depth (feet bgs)	STLC
		mg/L
RB-1	0.5	--
	2	**4.68**
RB-2	0.5	--
	2	**3.57**
	STLC Threshold	5

Definitions

bold	analyte detected above method detection limit
mg/L	milligrams per liter
bgs	below ground surface
STLC	soluble threshold limit concentration

Attachment 1

Soil Vapor Laboratory Analytical Report

OPTIMAL TECHNOLOGY
Specializing in Environmental Field Services

April 12, 2022

Lauren Kodama Roenicke
Rincon Consultants, Inc.
180 North Ashwood Avenue
Ventura, CA 93003

Dear Lauren:

This letter presents the results of the soil vapor investigation conducted by Optimal Technology (Optimal), for Rincon Consultants, Inc. on April 11, 2022. The study was performed at 5502 K Street, Bell, California.

Optimal was contracted to perform a soil vapor survey at this site to screen for possible chlorinated solvents and aromatic hydrocarbons. The primary objective of this soil vapor investigation was to determine if soil vapor contamination is present in the subsurface soil.

Gas Sampling Method

Gas sampling was performed by hydraulically pushing soil gas probes to a depth of 5.0 feet below ground surface (bgs). An electric rotary hammer drill was used to drill a 1.0-inch diameter hole through the overlying surface to allow probe placement when required. The same electric hammer drill was used to push probes in areas of resistance during placement.

At each sampling location, an electric vacuum pump set to draw 0.2 liters per minute (L/min) of soil vapor was attached to the probe and purged prior to sample collection. Vapor samples were obtained in gas-tight syringes by drawing the sample through a luer-lock connection which connects the sampling probe and the vacuum pump. Samples were immediately injected into the gas chromatograph/purge and trap after collection. New tubing was used at each sampling point to prevent cross contamination.

All analyses were performed on a laboratory grade Agilent model 6890N gas chromatograph equipped with an Agilent model 5973N Mass Spectra Detector and Tekmar LSC 3100 Purge and Trap. A Restek column using helium as the carrier gas was used to perform all analysis. All results were collected on a personal computer utilizing Agilent's MS and chromatographic data collection and handling system.

Quality Assurance

5-Point Calibration
The initial five-point calibration consisted of 20, 50, 100, 200 and 500 ul injections of the calibration standard. A calibration factor on each analyte was generated using a best fit line method using the Agilent data system. If the r^2 factor generated from this line was not greater than 0.990, an additional five-point calibration would have been performed. Method reporting limits were calculated to be 1-1000 micrograms per cubic meter (ug/m^3) for the individual compounds.

A daily calibration check was performed using a pre-mixed standard supplied by Scotty Analyzed Gases. The standard contained common halogenated solvents and aromatic hydrocarbons (see Table 1). The individual compound concentrations in the standards ranged between 0.025 nanograms per microliter (ng/ul) and 0.25 ng/ul.

TABLE 1

Dichlorodifluoromethane	Carbon Tetrachloride	Chloroethane
Trichlorofluoromethane	1,2-Dichloroethane	Benzene
1,1-Dichloroethene	Trichloroethene	Toluene
Methylene Chloride	1,1,2-Trichloroethane	Ethylbenzene
trans-1,2-Dichloroethene	Tetrachloroethene	m-/p-Xylene
1,1-Dichloroethane	Chloroform	o-Xylene
cis-1,2-Dichloroethene	1,1,1,2-Tetrachloroethane	Vinyl Chloride
1,1,1-Trichloroethane	1,1,2,2-Tetrachloroethane	Freon 113
4-Methyl-2-Pentanone	Cyclohexane	Acetone
Chlorobenzene	2-Butanone	Isobutane

Sample Replicates
A replicate analysis (duplicate) was run to evaluate the reproducibility of the sampling system and instrument. The difference between samples did not vary more than 20%.

Equipment Blanks
Blanks were run at the beginning of each workday and after calibrations. The blanks were collected using an ambient air sample. These blanks checked the septum, syringe, GC column, GC detector and the ambient air. Contamination was not found in any of the blanks analyzed during this investigation. Blank results are given along with the sample results.

Tracer Gas Leak Test
A tracer gas was applied to the soil gas probes at each point of connection in which ambient air could enter the sampling system. These points include the top of the sampling probe where the tubing meets the probe connection and the surface bentonite seals. Isobutane was used as the tracer gas. No Isobutane was found in any of the samples collected.

Purge Volume
The standard purge volume of three volumes was purged in accordance with the July 2015 DTSC/RWQCB Advisory for Active Soil Gas Investigations.

Shut-in Test
A shut-in test was conducted prior to purging or sampling each location to check for leaks in the above-ground sampling system. The system was evaluated to a minimum measured vacuum of 100 inches of water. The vacuum gauge was calibrated and sensitive enough to indicate a water pressure change of at least 0.5 inches.

Scope of Work

To achieve the objective of this investigation a total of 7 vapor samples were collected from 6 locations at the site. Sampling depths, vacuum readings, purge volume and sampling volumes are given on the analytical results page. All the collected vapor samples were analyzed on-site using Optimal's mobile laboratory.

Subsurface Conditions

Subsurface soil conditions at this site offered sampling flows at 0" water vacuum.

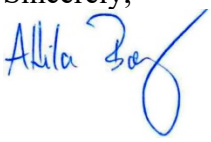
Results

During this vapor investigation, none of the compounds listed in Table 1 above were detected above the listed reporting limits. A complete table of analytical results is included with this report.

Disclaimer

All conclusions presented in this letter are based solely on the information collected by the soil vapor survey conducted by Optimal Technology. Soil vapor testing is only a subsurface screening tool and does not represent actual contaminant concentrations in either the soil and/or groundwater. We enjoyed working with you on this project and look forward to future projects. If you have any questions, please contact me at (877) 764-5427.

Sincerely,



Attila Baly
Project Manager

OPTIMAL TECHNOLOGY
Specializing in Environmental Field Services

SOIL VAPOR RESULTS

Site Name: 5502 K Street, Bell, CA
Analyst: A. Baly **Collector:** A. Baly
Method: Modified EPA 8260B

Lab Name: Optimal Technology
Inst. ID: Agilent 6890NF
Detector: Agilent 5973N Mass Spectrometer

Date: 4/11/22

SAMPLE ID	BLANK-1	SV-1	SV-2	SV-3	SV-4	SV-5	SV-6	SV-6 Dup
Sampling Depth (Ft.)	N/A	5.0	5.0	5.0	5.0	5.0	5.0	5.0
Purge Volume (ml)	N/A	1,500	1,500	1,500	1,500	1,500	1,500	1,500
Vacuum (in. of Water)	N/A	0	0	0	0	0	0	0
Injection Volume (ul)	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000
Dilution Factor	1	1	1	1	1	1	1	1

COMPOUND	REP. LIMIT	CONC (ug/m^3)	CONC (ug/m^3)	CONC (ug/m^3)	CONC (ug/m^3)	CONC (ug/m^3)	CONC (ug/m^3)	CONC (ug/m^3)	CONC (ug/m^3)
Dichlorodifluoromethane	1000	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	1000	ND	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	1000	ND	ND	ND	ND	ND	ND	ND	ND
Freon 113	1000	ND	ND	ND	ND	ND	ND	ND	ND
Methylene Chloride	30	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	50	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	4	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	1000	ND	ND	ND	ND	ND	ND	ND	ND
Carbon Tetrachloride	2	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	3	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene (TCE)	10	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	5	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene (PCE)	10	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	10	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	1	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl Chloride	1	ND	ND	ND	ND	ND	ND	ND	ND
Acetone	1000	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	1000	ND	ND	ND	ND	ND	ND	ND	ND
trans-1,2-Dichloroethene	1000	ND	ND	ND	ND	ND	ND	ND	ND
2-Butanone (MEK)	1000	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,2-Dichloroethene	200	ND	ND	ND	ND	ND	ND	ND	ND
Cyclohexane	1000	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	3	ND	ND	ND	ND	ND	ND	ND	ND
4-Methyl-2-Pentanone	1000	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	1000	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	1000	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	30	ND	ND	ND	ND	ND	ND	ND	ND
m/p-Xylene	1000	ND	ND	ND	ND	ND	ND	ND	ND
o-Xylene	1000	ND	ND	ND	ND	ND	ND	ND	ND
TPH-g	5000	ND	ND	ND	ND	ND	ND	ND	ND
Isobutane (Tracer Gas)	1000	ND	ND	ND	ND	ND	ND	ND	ND

Note: ND = Below Listed Reporting Limit

1667 Cross Bridge Place, Thousand Oaks, CA 91362 • Toll Free (877) SOIL GAS (764-5427) • (818) 734-6230 • Fax (818) 734-6235

OPTIMAL TECHNOLOGY
Specializing in Environmental Field Services

CHAIN OF CUSTODY FORM

Site Name/Number		PO# / Project Ref#	
Site Address	**5502 K Street, Bell, CA**		
Company Name			
Contact Person(s):		Phone#	Email:
Comments:			

				TESTS REQUIRED (please mark with an "X")			
Sample Identification	Sampling Device	Date Collected	Time Collected	**Soil Gas Mod 8260B**	**Soil Gas Mod 8021B**	**Soil Gas Mod 8015**	**Notes**
BLANK-1	Syringe	4/11/22	11:03 AM	**x**			
SV-1	Syringe	4/11/22	11:48 AM	**x**			
SV-2	Syringe	4/11/22	12:08 PM	**x**			
SV-3	Syringe	4/11/22	12:52 PM	**x**			
SV-4	Syringe	4/11/22	1:30 PM	**x**			
SV-5	Syringe	4/11/22	2:12 PM	**x**			
SV-6	Syringe	4/11/22	3:00 PM	**x**			
SV-6 Dup	Syringe	4/11/22	3:00 PM	**x**			

Collected & Tested by:



Attachment 2

Soil Sample Laboratory Analytical Reports

American Scientific Laboratories, LLC
Environmental Testing Services
2520 N. San Fernando Road, LA CA 90065 Tel: (323) 223-9700 • Fax: (323) 223-9500

18 April 2022

Lauren Kodama Roenicke

Rincon Consultants, Inc. LA

250 E. 1st Street

Los Angeles, CA 90026

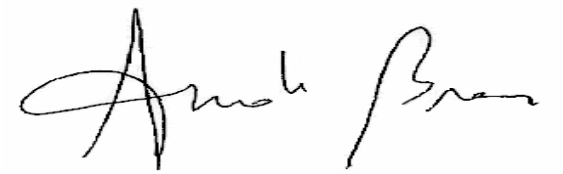
Work Order #: 2204223

Project Name: Bell Oasis

Project ID: 21-12270

Site Address: 5600 Rickenbaker Road Bell, CA

Enclosed are the results of analyses for samples received by the laboratory on April 11, 2022. If you have any questions concerning this report, please feel free to contact us.



Molky Brar

Laboratory Director

American Scientific Laboratories, LLC (ASL) accepts sample materials from clients for analysis with the assumption that all of the information provided to ASL verbally or in writing by our clients (and/or their agents), regarding samples being submitted to ASL, is complete and accurate. ASL accepts all samples subject to the following conditions:

1) ASL is not responsible for verifying any client-provided information regarding any samples submitted to the laboratory.
2) ASL is not responsible for any consequences resulting from any inaccuracies , omissions, or misrepresentations contained in client-provided information regarding samples submitted to the laboratory.

AMERICAN SCIENTIFIC LABORATORIES, LLC
Environmental Testing Services
2520 N. San Fernando Road, LA, CA 90065 Tel: (323) 223-9700 • Fax: (323) 223-9500

CHAIN OF CUSTODY RECORD

COC# 90803 GLOBAL ID _____ E REPORT: ☒ PDF ☐ EDF ☐ EDD ASL JOB# 2204223

Company: Rincon Consultants		Report To: Lauren KR	
Address: 250 E 1st St	Project Name: Bell Oasis	Address: -	
LA, CA 90012	Site Address: 5600 Rickenbacker	Invoice To: Rincon	
Telephone: 2137864842 Fax:	RI, Bell, CA	Address: -	
Special Instruction: -	Project ID: 21-12270		
E-mail: lroenicke@rinconconsultants.com	Project Manager: Lauren KR	P.O.#: 21-12270	

ANALYSIS REQUESTED

ITEM	LAB USE ONLY Lab ID	SAMPLE DESCRIPTION Sample ID	Date	Time	Container(s) #	Container(s) Type	Matrix	Preservation	Title 22 Metals 6010B/7471A	OCPs 8081A	TPH(G,D,O) 8015	HOLD	Remarks
	2204223-01	RB-1-0.5	4/11/22	1145	1	8 oz jar	soil	none	X	X	X		
	2204223-02	RB-1-2	↓	1150	1	↓	↓	↓				X	
	2204223-03	RB-2-0.5		1230	1				X	X	X		
	2204223-04	RB-2-2		1235	1							X	

Collected By: Steve Ossin	Date 4/11/22	Time 1318	Relinquished By:	Date	Time
Relinquished By: Steve Ossin	Date 4/11/22	Time 1318	Received For Laboratory	Date 4/11/22	Time 1530
Received By:	Date	Time	Condition of Sample:		

TAT ☑ Normal ☐ Rush

White - Report, Yellow - Laboratory, Pink - Client

Job# 2204223

ASL Sample Receipt Form

Client: Rincon Consultants, Inc. L-A

Date: 4-11-2022

Sample Information:

Temperature: 4-8 °C ☐ Blank ☑ Sample

Custody Seal: ☐ Yes ☑ No ☐ Not Available

Received Within Holding Time: ☑ Yes ☐ No

Container:

Proper Containers and Sufficient Volume: ☑ Yes ☐ No

Soil: __☐ 4oz 4 ☑ 8oz __☐ Sleeve __☐ VOA

Water: __☐500AG __☐1AG __☐125PB __☐250PB __☐500PB __☐VOA __☐Other _____

Air: __☐ Tedlar®

Sample Containers Intact: ☑ Yes ☐ No

Trip Blank ☐ Yes ☑ No

Chain-of-Custody (COC):

Received: ☑ Yes ☐ No

Samplers Name: ☑ Yes ☐ No

Container Labels match COC: ☑ Yes ☐ No

COC documents received complete: ☑ Yes ☐ No

Proper Preservation Noted: ☐ Yes ☐ No N/A

Completed By: Janet Chin

American Scientific Laboratories, LLC
Environmental Testing Services
2520 N. San Fernando Road, LA CA 90065 Tel: (323) 223-9700 • Fax: (323) 223-9500

Rincon Consultants, Inc. LA	Project: Bell Oasis	Work Order No: 2204223
250 E. 1st Street	Project Number: 21-12270	**Reported:**
Los Angeles CA, 90026	Project Manager: Lauren Kodama Roenicke	04/18/2022 17:27

ANALYTICAL SUMMARY REPORT

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
RB-1-0.5	2204223-01	Solid	04/11/2022 11:45	04/11/2022 13:30
RB-2-0.5	2204223-03	Solid	04/11/2022 12:30	04/11/2022 13:30

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Amolk Brar, Lab Director

American Scientific Laboratories, LLC
Environmental Testing Services
2520 N. San Fernando Road, LA CA 90065 Tel: (323) 223-9700 • Fax: (323) 223-9500

Rincon Consultants, Inc. LA	Project: Bell Oasis	Work Order No: 2204223
250 E. 1st Street	Project Number: 21-12270	**Reported:**
Los Angeles CA, 90026	Project Manager: Lauren Kodama Roenicke	04/18/2022 17:27

Analytical Results

Client Sample ID: RB-1-0.5

Laboratory Sample ID: 2204223-01 (Solid)

Analyte	Result	Notes	PQL	Units	Dilution	Prep Method	Analyzed	Analyst	Method
Total Mercury (CVAA)				Batch ID:	BD20582		Prepared: 04/15/2022 16:00		
Mercury	**0.529**		0.0500	mg/kg	1	7471A	04/18/2022 13:03	LVE	7471A
Total ICP Metals				Batch ID:	BD20552		Prepared: 04/15/2022 15:16		
Antimony	**1.16**		0.500	mg/kg	1	3050B	04/18/2022 14:23	LVE	SW846 6010B
Arsenic	**49.4**		0.250	mg/kg	1	3050B	04/18/2022 14:23	LVE	SW846 6010B
Barium	**76.5**		0.500	mg/kg	1	3050B	04/18/2022 14:23	LVE	SW846 6010B
Beryllium	ND		0.500	mg/kg	1	3050B	04/18/2022 14:23	LVE	SW846 6010B
Cadmium	**1.11**		0.500	mg/kg	1	3050B	04/18/2022 14:23	LVE	SW846 6010B
Chromium	**8.08**		0.500	mg/kg	1	3050B	04/18/2022 14:23	LVE	SW846 6010B
Cobalt	**5.24**		0.500	mg/kg	1	3050B	04/18/2022 14:23	LVE	SW846 6010B
Copper	**11.5**		0.500	mg/kg	1	3050B	04/18/2022 14:23	LVE	SW846 6010B
Lead	**21.2**		0.250	mg/kg	1	3050B	04/18/2022 14:23	LVE	SW846 6010B
Molybdenum	ND		0.500	mg/kg	1	3050B	04/18/2022 14:23	LVE	SW846 6010B
Nickel	**6.21**		0.500	mg/kg	1	3050B	04/18/2022 14:23	LVE	SW846 6010B
Selenium	ND		0.500	mg/kg	1	3050B	04/18/2022 14:23	LVE	SW846 6010B
Silver	ND		0.500	mg/kg	1	3050B	04/18/2022 14:23	LVE	SW846 6010B
Thallium	ND		0.500	mg/kg	1	3050B	04/18/2022 14:23	LVE	SW846 6010B
Vanadium	**18.8**		0.500	mg/kg	1	3050B	04/18/2022 14:23	LVE	SW846 6010B
Zinc	**68.8**		0.500	mg/kg	1	3050B	04/18/2022 14:23	LVE	SW846 6010B
Total Petroleum Hydrocarbons(TPH-g)				Batch ID:	BD20561		Prepared: 04/15/2022 09:00		
Gasoline Range Organics	ND		500	ug/kg	1	5030A	04/15/2022 19:26	DW	8015B
Surrogate: Bromofluorobenzene			*80.9 %*		*70-120*	5030A	04/15/2022 19:26	DW	*8015B*
Total Petroleum Hydrocarbons(TPH DROORO)				Batch ID:	BD20562		Prepared: 04/15/2022 09:00		
Diesel range organics	ND		10.0	mg/kg	1	3550B	04/15/2022 18:42	DW	8015B
Oil Range Organics	ND		50.0	mg/kg	1	3550B	04/15/2022 18:42	DW	8015B
Surrogate: Chlorobenzene			*94.1 %*		*70-120*	3550B	04/15/2022 18:42	DW	*8015B*

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AMERICAN SCIENTIFIC LABORATORIES, LLC
Environmental Testing Services
2520 N. San Fernando Road, LA CA 90065 Tel: (323) 223-9700 • Fax: (323) 223-9500

Rincon Consultants, Inc. LA	Project: Bell Oasis	Work Order No: 2204223
250 E. 1st Street	Project Number: 21-12270	**Reported:**
Los Angeles CA, 90026	Project Manager: Lauren Kodama Roenicke	04/18/2022 17:27

Analytical Results

Client Sample ID: RB-1-0.5

Laboratory Sample ID: 2204223-01 (Solid)

Analyte	Result	Notes	PQL	Units	Dilution	Prep Method	Analyzed	Analyst	Method
Organochlorine Pesticides				Batch ID:	BD20581		Prepared: 04/18/2022 09:43		
Aldrin	ND		2.00	ug/kg	1	3550 SV	04/18/2022 14:33	AY	8081A
alpha-BHC	ND		2.00	ug/kg	1	3550 SV	04/18/2022 14:33	AY	8081A
beta-BHC	ND		2.00	ug/kg	1	3550 SV	04/18/2022 14:33	AY	8081A
gamma-Chlordane	ND		2.00	ug/kg	1	3550 SV	04/18/2022 14:33	AY	8081A
alpha-Chlordane	ND		2.00	ug/kg	1	3550 SV	04/18/2022 14:33	AY	8081A
4,4´-DDD	ND		4.00	ug/kg	1	3550 SV	04/18/2022 14:33	AY	8081A
4,4´-DDE	**4.13**		4.00	ug/kg	1	3550 SV	04/18/2022 14:33	AY	8081A
4,4´-DDT	**4.40**		4.00	ug/kg	1	3550 SV	04/18/2022 14:33	AY	8081A
delta-BHC	ND		2.00	ug/kg	1	3550 SV	04/18/2022 14:33	AY	8081A
Dieldrin	ND		4.00	ug/kg	1	3550 SV	04/18/2022 14:33	AY	8081A
Endosulfan I	ND		2.00	ug/kg	1	3550 SV	04/18/2022 14:33	AY	8081A
Endosulfan II	ND		4.00	ug/kg	1	3550 SV	04/18/2022 14:33	AY	8081A
Endosulfan sulfate	ND		4.00	ug/kg	1	3550 SV	04/18/2022 14:33	AY	8081A
Endrin	ND		4.00	ug/kg	1	3550 SV	04/18/2022 14:33	AY	8081A
Endrin aldehyde	ND		4.00	ug/kg	1	3550 SV	04/18/2022 14:33	AY	8081A
Endrin ketone	ND		4.00	ug/kg	1	3550 SV	04/18/2022 14:33	AY	8081A
gamma-BHC, Lindane	ND		2.00	ug/kg	1	3550 SV	04/18/2022 14:33	AY	8081A
Heptachlor	ND		2.00	ug/kg	1	3550 SV	04/18/2022 14:33	AY	8081A
Heptachlor Epoxide	ND		2.00	ug/kg	1	3550 SV	04/18/2022 14:33	AY	8081A
Methoxychlor	ND		4.00	ug/kg	1	3550 SV	04/18/2022 14:33	AY	8081A
Toxaphene	ND		170	ug/kg	1	3550 SV	04/18/2022 14:33	AY	8081A
Chlordane (total)	ND		100	ug/kg	1	3550 SV	04/18/2022 14:33	AY	8081A
Surrogate: Decachlorobiphenyl			*116 %*	*43-169*		3550 SV	04/18/2022 14:33	AY	*8081A*

Analytical Results

Client Sample ID: RB-2-0.5

Laboratory Sample ID: 2204223-03 (Solid)

Analyte	Result	Notes	PQL	Units	Dilution	Prep Method	Analyzed	Analyst	Method
Total Mercury (CVAA)				Batch ID:	BD20582		Prepared: 04/15/2022 16:00		
Mercury	**0.274**		0.0500	mg/kg	1	7471A	04/18/2022 13:03	LVE	7471A
Total ICP Metals				Batch ID:	BD20552		Prepared: 04/15/2022 15:16		
Antimony	ND		0.500	mg/kg	1	3050B	04/18/2022 14:23	LVE	SW846 6010B
Arsenic	**25.7**		0.250	mg/kg	1	3050B	04/18/2022 14:23	LVE	SW846 6010B
Barium	**104**		0.500	mg/kg	1	3050B	04/18/2022 14:23	LVE	SW846 6010B
Beryllium	ND		0.500	mg/kg	1	3050B	04/18/2022 14:23	LVE	SW846 6010B
Cadmium	**1.68**		0.500	mg/kg	1	3050B	04/18/2022 14:23	LVE	SW846 6010B
Chromium	**15.8**		0.500	mg/kg	1	3050B	04/18/2022 14:23	LVE	SW846 6010B

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Rincon Consultants, Inc. LA	Project: Bell Oasis	Work Order No: 2204223
250 E. 1st Street	Project Number: 21-12270	**Reported:**
Los Angeles CA, 90026	Project Manager: Lauren Kodama Roenicke	04/18/2022 17:27

Analytical Results

Client Sample ID: RB-2-0.5

Laboratory Sample ID: 2204223-03 (Solid)

Analyte	Result	Notes	PQL	Units	Dilution	Prep Method	Analyzed	Analyst	Method
Total ICP Metals				Batch ID:	BD20552		Prepared: 04/15/2022 15:16		
Cobalt	**7.08**		0.500	mg/kg	1	3050B	04/18/2022 14:23	LVE	SW846 6010B
Copper	**20.3**		0.500	mg/kg	1	3050B	04/18/2022 14:23	LVE	SW846 6010B
Lead	**106**		0.250	mg/kg	1	3050B	04/18/2022 14:23	LVE	SW846 6010B
Molybdenum	ND		0.500	mg/kg	1	3050B	04/18/2022 14:23	LVE	SW846 6010B
Nickel	**9.56**		0.500	mg/kg	1	3050B	04/18/2022 14:23	LVE	SW846 6010B
Selenium	ND		0.500	mg/kg	1	3050B	04/18/2022 14:23	LVE	SW846 6010B
Silver	ND		0.500	mg/kg	1	3050B	04/18/2022 14:23	LVE	SW846 6010B
Thallium	ND		0.500	mg/kg	1	3050B	04/18/2022 14:23	LVE	SW846 6010B
Vanadium	**25.2**		0.500	mg/kg	1	3050B	04/18/2022 14:23	LVE	SW846 6010B
Zinc	**133**		0.500	mg/kg	1	3050B	04/18/2022 14:23	LVE	SW846 6010B
Total Petroleum Hydrocarbons(TPH-g)				Batch ID:	BD20561		Prepared: 04/15/2022 09:00		
Gasoline Range Organics	ND		500	ug/kg	1	5030A	04/15/2022 19:52	DW	8015B
Surrogate: Bromofluorobenzene			*76.7 %*		*70-120*	5030A	04/15/2022 19:52	DW	*8015B*
Total Petroleum Hydrocarbons(TPH DROORO)				Batch ID:	BD20562		Prepared: 04/15/2022 09:00		
Diesel range organics	ND		10.0	mg/kg	1	3550B	04/15/2022 19:24	DW	8015B
Oil Range Organics	ND		50.0	mg/kg	1	3550B	04/15/2022 19:24	DW	8015B
Surrogate: Chlorobenzene			*91.2 %*		*70-120*	3550B	04/15/2022 19:24	DW	*8015B*
Organochlorine Pesticides				Batch ID:	BD20581		Prepared: 04/18/2022 09:43		
Aldrin	ND		2.00	ug/kg	1	3550 SV	04/18/2022 15:43	AY	8081A
alpha-BHC	ND		2.00	ug/kg	1	3550 SV	04/18/2022 15:43	AY	8081A
beta-BHC	ND		2.00	ug/kg	1	3550 SV	04/18/2022 15:43	AY	8081A
gamma-Chlordane	**4.99**		2.00	ug/kg	1	3550 SV	04/18/2022 15:43	AY	8081A
alpha-Chlordane	**6.35**		2.00	ug/kg	1	3550 SV	04/18/2022 15:43	AY	8081A
4,4´-DDD	ND		4.00	ug/kg	1	3550 SV	04/18/2022 15:43	AY	8081A
4,4´-DDE	ND		4.00	ug/kg	1	3550 SV	04/18/2022 15:43	AY	8081A
4,4´-DDT	**20.6**		4.00	ug/kg	1	3550 SV	04/18/2022 15:43	AY	8081A
delta-BHC	ND		2.00	ug/kg	1	3550 SV	04/18/2022 15:43	AY	8081A
Dieldrin	ND		4.00	ug/kg	1	3550 SV	04/18/2022 15:43	AY	8081A
Endosulfan I	ND		2.00	ug/kg	1	3550 SV	04/18/2022 15:43	AY	8081A
Endosulfan II	ND		4.00	ug/kg	1	3550 SV	04/18/2022 15:43	AY	8081A
Endosulfan sulfate	ND		4.00	ug/kg	1	3550 SV	04/18/2022 15:43	AY	8081A
Endrin	ND		4.00	ug/kg	1	3550 SV	04/18/2022 15:43	AY	8081A
Endrin aldehyde	ND		4.00	ug/kg	1	3550 SV	04/18/2022 15:43	AY	8081A
Endrin ketone	ND		4.00	ug/kg	1	3550 SV	04/18/2022 15:43	AY	8081A
gamma-BHC, Lindane	ND		2.00	ug/kg	1	3550 SV	04/18/2022 15:43	AY	8081A
Heptachlor	ND		2.00	ug/kg	1	3550 SV	04/18/2022 15:43	AY	8081A
Heptachlor Epoxide	ND		2.00	ug/kg	1	3550 SV	04/18/2022 15:43	AY	8081A
Methoxychlor	ND		4.00	ug/kg	1	3550 SV	04/18/2022 15:43	AY	8081A

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Rincon Consultants, Inc. LA	Project: Bell Oasis	Work Order No: 2204223
250 E. 1st Street	Project Number: 21-12270	**Reported:**
Los Angeles CA, 90026	Project Manager: Lauren Kodama Roenicke	04/18/2022 17:27

Analytical Results

Client Sample ID: RB-2-0.5

Laboratory Sample ID: 2204223-03 (Solid)

Analyte	Result	Notes	PQL	Units	Dilution	Prep Method	Analyzed	Analyst	Method
Organochlorine Pesticides				Batch ID:	BD20581		Prepared: 04/18/2022 09:43		
Toxaphene	ND		170	ug/kg	1	3550 SV	04/18/2022 15:43	AY	8081A
Chlordane (total)	ND		100	ug/kg	1	3550 SV	04/18/2022 15:43	AY	8081A
Surrogate: Decachlorobiphenyl			*129 %*		*43-169*	3550 SV	04/18/2022 15:43	AY	*8081A*

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Rincon Consultants, Inc. LA	Project: Bell Oasis	Work Order No: 2204223
250 E. 1st Street	Project Number: 21-12270	**Reported:**
Los Angeles CA, 90026	Project Manager: Lauren Kodama Roenicke	04/18/2022 17:27

Total Mercury (CVAA) - Quality Control Report

Analyte	Result	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch BD20582 - 7471A - 7471A										
Blank (BD20582-BLK1)				Prepared: 04/15/202 Analyzed: 04/18/202						
Mercury	ND	0.0500	mg/kg							
LCS (BD20582-BS1)				Prepared: 04/15/202 Analyzed: 04/18/202						
Mercury	0.104	0.0500	mg/kg	0.100		104	80-120			
LCS Dup (BD20582-BSD1)				Prepared: 04/15/202 Analyzed: 04/18/202						
Mercury	0.103	0.0500	mg/kg	0.100		103	80-120	0.386	20	

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Rincon Consultants, Inc. LA	Project: Bell Oasis	Work Order No: 2204223
250 E. 1st Street	Project Number: 21-12270	**Reported:**
Los Angeles CA, 90026	Project Manager: Lauren Kodama Roenicke	04/18/2022 17:27

Total ICP Metals - Quality Control Report

Analyte	Result	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch BD20552 - 3050B - SW846 6010B										
Blank (BD20552-BLK1)				Prepared: 04/15/202 Analyzed: 04/18/202						
Antimony	ND	0.500	mg/kg							
Arsenic	ND	0.250	"							
Barium	ND	0.500	"							
Beryllium	ND	0.500	"							
Cadmium	ND	0.500	"							
Chromium	ND	0.500	"							
Cobalt	ND	0.500	"							
Copper	ND	0.500	"							
Lead	ND	0.250	"							
Molybdenum	ND	0.500	"							
Nickel	ND	0.500	"							
Selenium	ND	0.500	"							
Silver	ND	0.500	"							
Thallium	ND	0.500	"							
Vanadium	ND	0.500	"							
Zinc	ND	0.500	"							
LCS (BD20552-BS1)				Prepared: 04/15/202 Analyzed: 04/18/202						
Antimony	1.02	0.0100	mg/kg	1.00		102	80-120			
Arsenic	1.03	0.00500	"	1.00		103	80-120			
Barium	1.03	0.0100	"	1.00		103	80-120			
Beryllium	1.06	0.0100	"	1.00		106	80-120			
Cadmium	1.02	0.0100	"	1.00		102	80-120			
Chromium	1.05	0.0100	"	1.00		105	80-120			
Cobalt	1.02	0.0100	"	1.00		102	80-120			
Copper	1.01	0.0100	"	1.00		101	80-120			
Lead	1.03	0.00500	"	1.00		103	80-120			
Molybdenum	0.998	0.0100	"	1.00		99.8	80-120			
Nickel	1.06	0.0100	"	1.00		106	80-120			
Selenium	1.04	0.0100	"	1.00		104	80-120			
Silver	1.06	0.0100	"	1.00		106	80-120			
Thallium	1.07	0.0100	"	1.00		107	80-120			
Vanadium	0.993	0.0100	"	1.00		99.3	80-120			
Zinc	1.03	0.0100	"	1.00		103	80-120			

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Rincon Consultants, Inc. LA	Project: Bell Oasis	Work Order No: 2204223
250 E. 1st Street	Project Number: 21-12270	**Reported:**
Los Angeles CA, 90026	Project Manager: Lauren Kodama Roenicke	04/18/2022 17:27

Total ICP Metals - Quality Control Report

Analyte	Result	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch BD20552 - 3050B - SW846 6010B										
LCS Dup (BD20552-BSD1)				Prepared: 04/15/202 Analyzed: 04/18/202						
Antimony	1.03	0.0100	mg/kg	1.00		103	80-120	0.333	20	
Arsenic	1.04	0.00500	"	1.00		104	80-120	0.804	20	
Barium	1.04	0.0100	"	1.00		104	80-120	0.922	20	
Beryllium	1.07	0.0100	"	1.00		107	80-120	0.341	20	
Cadmium	1.04	0.0100	"	1.00		104	80-120	1.28	20	
Chromium	1.06	0.0100	"	1.00		106	80-120	0.932	20	
Cobalt	1.03	0.0100	"	1.00		103	80-120	1.54	20	
Copper	1.03	0.0100	"	1.00		103	80-120	1.80	20	
Lead	1.04	0.00500	"	1.00		104	80-120	1.48	20	
Molybdenum	1.01	0.0100	"	1.00		101	80-120	1.13	20	
Nickel	1.07	0.0100	"	1.00		107	80-120	1.21	20	
Selenium	1.06	0.0100	"	1.00		106	80-120	1.05	20	
Silver	1.07	0.0100	"	1.00		107	80-120	0.622	20	
Thallium	1.08	0.0100	"	1.00		108	80-120	1.25	20	
Vanadium	1.01	0.0100	"	1.00		101	80-120	1.67	20	
Zinc	1.03	0.0100	"	1.00		103	80-120	0.700	20	

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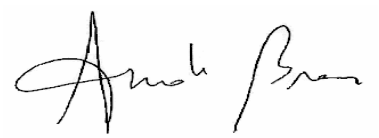
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Rincon Consultants, Inc. LA	Project: Bell Oasis	Work Order No: 2204223
250 E. 1st Street	Project Number: 21-12270	**Reported:**
Los Angeles CA, 90026	Project Manager: Lauren Kodama Roenicke	04/18/2022 17:27

Total Petroleum Hydrocarbons(TPH-g) - Quality Control Report

Analyte	Result	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch BD20561 - 5030A - 8015B										
Blank (BD20561-BLK1)				Prepared & Analyzed: 04/15/202						
Gasoline Range Organics	ND	500	ug/kg							
LCS (BD20561-BS1)				Prepared & Analyzed: 04/15/202						
Gasoline Range Organics	477		ug/L	500		95.4	75-120			
LCS Dup (BD20561-BSD1)				Prepared & Analyzed: 04/15/202						
Gasoline Range Organics	462		ug/L	500		92.3	75-120	3.21	15	
Matrix Spike (BD20561-MS1)		**Source: 2204223-03**		Prepared & Analyzed: 04/15/202						
Gasoline Range Organics	461		ug/L	500	0.00	92.2	75-120			
Matrix Spike Dup (BD20561-MSD1)		**Source: 2204223-03**		Prepared & Analyzed: 04/15/202						
Gasoline Range Organics	444		ug/L	500	0.00	88.8	75-120	3.73	15	



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Rincon Consultants, Inc. LA	Project: Bell Oasis	Work Order No: 2204223
250 E. 1st Street	Project Number: 21-12270	**Reported:**
Los Angeles CA, 90026	Project Manager: Lauren Kodama Roenicke	04/18/2022 17:27

Total Petroleum Hydrocarbons(TPH DROORO) - Quality Control Report

Analyte	Result	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch BD20562 - 3550B - 8015B										
Blank (BD20562-BLK1)				Prepared & Analyzed: 04/15/202						
Diesel range organics	ND	10.0	mg/kg							
Oil Range Organics	ND	50.0	"							
Surrogate: Chlorobenzene	*93.2*		*mg/L*	*100*		*93.2*	*70-120*			
LCS (BD20562-BS1)				Prepared & Analyzed: 04/15/202						
Diesel range organics	454		mg/L	500		90.7	75-120			
Surrogate: Chlorobenzene	*95.3*		*"*	*100*		*95.3*	*70-120*			
LCS Dup (BD20562-BSD1)				Prepared & Analyzed: 04/15/202						
Diesel range organics	467		mg/L	500		93.4	75-120	2.94	20	
Surrogate: Chlorobenzene	*97.8*		*"*	*100*		*97.8*	*70-120*			
Matrix Spike (BD20562-MS1)		**Source: 2204223-03**		Prepared & Analyzed: 04/15/202						
Diesel range organics	489		mg/L	500	0.00	97.9	75-120			
Surrogate: Chlorobenzene	*105*		*"*	*100*		*105*	*70-120*			
Matrix Spike Dup (BD20562-MSD1)		**Source: 2204223-03**		Prepared & Analyzed: 04/15/202						
Diesel range organics	478		mg/L	500	0.00	95.6	75-120	2.39	20	
Surrogate: Chlorobenzene	*99.1*		*"*	*100*		*99.1*	*70-120*			

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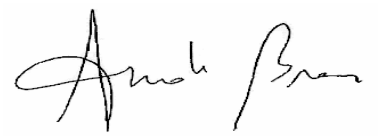
Amolk Brar, Lab Director

American Scientific Laboratories, LLC
Environmental Testing Services
2520 N. San Fernando Road, LA CA 90065 Tel: (323) 223-9700 • Fax: (323) 223-9500

Rincon Consultants, Inc. LA	Project: Bell Oasis	Work Order No: 2204223
250 E. 1st Street	Project Number: 21-12270	**Reported:**
Los Angeles CA, 90026	Project Manager: Lauren Kodama Roenicke	04/18/2022 17:27

Organochlorine Pesticides - Quality Control Report

Analyte	Result	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch BD20581 - 3550 SV - 8081A										
Blank (BD20581-BLK1)				Prepared & Analyzed: 04/18/202						
Aldrin	ND	2.00	ug/kg							
alpha-BHC	ND	2.00	"							
beta-BHC	ND	2.00	"							
gamma-Chlordane	ND	2.00	"							
alpha-Chlordane	ND	2.00	"							
4,4´-DDD	ND	4.00	"							
4,4´-DDE	ND	4.00	"							
4,4´-DDT	ND	4.00	"							
delta-BHC	ND	2.00	"							
Dieldrin	ND	4.00	"							
Endosulfan I	ND	2.00	"							
Endosulfan II	ND	4.00	"							
Endosulfan sulfate	ND	4.00	"							
Endrin	ND	4.00	"							
Endrin aldehyde	ND	4.00	"							
Endrin ketone	ND	4.00	"							
gamma-BHC, Lindane	ND	2.00	"							
Heptachlor	ND	2.00	"							
Heptachlor Epoxide	ND	2.00	"							
Methoxychlor	ND	4.00	"							
Toxaphene	ND	170	"							
Chlordane (total)	ND	100	"							
Surrogate: Decachlorobiphenyl	*59.1*		*ug/L*	*50.0*		*118*	*43-169*			
LCS (BD20581-BS1)				Prepared & Analyzed: 04/18/202						
Aldrin	15.1	2.00	ug/kg	16.7		90.9	42-122			
4,4´-DDT	21.1	4.00	"	16.7		127	25-160			
Dieldrin	19.3	4.00	"	16.7		116	36-146			
Endrin	21.8	4.00	"	16.7		131	30-147			
gamma-BHC, Lindane	14.5	2.00	"	16.7		86.7	32-127			
Heptachlor	17.6	2.00	"	16.7		106	34-111			
Surrogate: Decachlorobiphenyl	*48.3*		*ug/L*	*50.0*		*96.5*	*43-169*			



Amolk Brar, Lab Director

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Rincon Consultants, Inc. LA	Project: Bell Oasis	Work Order No: 2204223
250 E. 1st Street	Project Number: 21-12270	**Reported:**
Los Angeles CA, 90026	Project Manager: Lauren Kodama Roenicke	04/18/2022 17:27

Organochlorine Pesticides - Quality Control Report

Analyte	Result	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch BD20581 - 3550 SV - 8081A										
LCS Dup (BD20581-BSD1)				Prepared & Analyzed: 04/18/202						
Aldrin	13.4	2.00	ug/kg	16.7		80.7	42-122	11.9	30	
4,4´-DDT	22.1	4.00	"	16.7		132	25-160	4.24	30	
Dieldrin	17.7	4.00	"	16.7		106	36-146	8.94	30	
Endrin	21.6	4.00	"	16.7		129	30-147	1.13	30	
gamma-BHC, Lindane	12.8	2.00	"	16.7		77.1	32-127	11.8	30	
Heptachlor	15.4	2.00	"	16.7		92.7	34-111	13.2	30	
Surrogate: Decachlorobiphenyl	*43.4*		*ug/L*	*50.0*		*86.8*	*43-169*			

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Rincon Consultants, Inc. LA	Project: Bell Oasis	Work Order No: 2204223
250 E. 1st Street	Project Number: 21-12270	**Reported:**
Los Angeles CA, 90026	Project Manager: Lauren Kodama Roenicke	04/18/2022 17:27

Notes and Definitions

DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the practical quantitation limit (PQL)
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference

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02 May 2022

Lauren Kodama Roenicke

Rincon Consultants, Inc. LA

250 E. 1st Street

Los Angeles, CA 90026

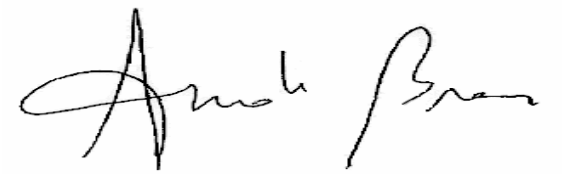
Work Order #: 2204223

Project Name: Bell Oasis

Project ID: 21-12270

Site Address: 5600 Rickenbaker Road Bell, CA

Enclosed are the results of analyses for samples received by the laboratory on April 11, 2022. If you have any questions concerning this report, please feel free to contact us.



Molky Brar

Laboratory Director

American Scientific Laboratories, LLC (ASL) accepts sample materials from clients for analysis with the assumption that all of the information provided to ASL verbally or in writing by our clients (and/or their agents), regarding samples being submitted to ASL, is complete and accurate. ASL accepts all samples subject to the following conditions:

1) ASL is not responsible for verifying any client-provided information regarding any samples submitted to the laboratory.
2) ASL is not responsible for any consequences resulting from any inaccuracies , omissions, or misrepresentations contained in client-provided information regarding samples submitted to the laboratory.

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CHAIN OF CUSTODY RECORD

COC# 90803 GLOBAL ID _____ E REPORT: ☒ PDF ☐ EDF ☐ EDD ASL JOB# 2204223

Company: Rincon Consultants		Report To: Lauren KR	
Address: 250 E 1st St	Project Name: Bell Oasis	Address: -	
LA, CA 90012	Site Address: 5600 Rickenbacker	Invoice To: Rincon	
Telephone: 2137864842 Fax:	RD, Bell, CA	Address: -	
Special Instruction: -	Project ID: 21-12270		
E-mail: lroenicke@rinconconsultants.com	Project Manager: Lauren KR	P.O.#: 21-12270	

ANALYSIS REQUESTED

ITEM	LAB USE ONLY Lab ID	SAMPLE DESCRIPTION Sample ID	Date	Time	Container(s) #	Container(s) Type	Matrix	Preservation	Title 22 Metals 6010B/7471A	OCPs 8081A	TPH(G,D,O) 8015	HOLD	Remarks
	2204223-01	RB-1-0.5	4/11/22	1145	1	8 oz jar	soil	none	X	X	X		
	2204223-02	RB-1-2	↓	1150	1	↓	↓	↓				X	
	2204223-03	RB-2-0.5		1230	1				X	X	X		
	2204223-04	RB-2-2		1235	1							X	

Collected By: Steve Ossin	Date 4/11/22	Time 1318	Relinquished By:	Date	Time
Relinquished By: Steve Ossin	Date 4/11/22	Time 1318	Received For Laboratory	Date 4/11/22	Time 1530
Received By:	Date	Time	Condition of Sample:		

TAT ☑ Normal ☐ Rush

White - Report, Yellow - Laboratory, Pink - Client

Job# 2204223

ASL Sample Receipt Form

Client: Rincon Consultants, Inc. L-A

Date: 4-11-2022

Sample Information:

Temperature: 4-8 °C ☐ Blank ☑ Sample

Custody Seal: ☐ Yes ☑ No ☐ Not Available

Received Within Holding Time: ☑ Yes ☐ No

Container:

Proper Containers and Sufficient Volume: ☑ Yes ☐ No

Soil: __☐ 4oz 4 ☑ 8oz __☐ Sleeve __☐ VOA

Water: __☐ 500AG __☐ 1AG __☐ 125PB __☐ 250PB __☐ 500PB __☐ VOA __☐ Other _____

Air: __☐ Tedlar®

Sample Containers Intact: ☑ Yes ☐ No

Trip Blank ☐ Yes ☑ No

Chain-of-Custody (COC):

Received: ☑ Yes ☐ No

Samplers Name: ☑ Yes ☐ No

Container Labels match COC: ☑ Yes ☐ No

COC documents received complete: ☑ Yes ☐ No

Proper Preservation Noted: ☐ Yes ☐ No N/A

Completed By: Janet Chin

Janet Chin

4/19/22 Additional Test Request
Normal TAT, Report Due: 4/26/22

From: Lauren Kodama Roenicke <lroenicke@rinconconsultants.com>
Sent: Tuesday, April 19, 2022 4:16 PM
To: Molky Brar <molky@asllab.com>
Subject: RE: [EXT] RE: STLC and TCLP Pricing

Thanks, Molky—

For **WO 2204223 (Bell Oasis), can you please analyze the 2 foot samples for metals only, and run STLC and TCLP for lead on RB-2 at 0.5? Standard TAT is fine.**

Thank you!

Lauren Kodama Roenicke, Project Manager – Due Diligence
(She/Her/Hers)
Rincon Consultants, Inc.
760-918-9444
619-204-3985 Mobile | 760-517-9138 Direct

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CHAIN OF CUSTODY RECORD

COC# 90803 GLOBAL ID _____ E REPORT: ☒ PDF ☐ EDF ☐ EDD ASL JOB# 2204223

Company: Rincon Consultants		Report To: Lauren KR	
Address: 250 E 1st St	Project Name: Bell Oasis	Address: -	
LA, CA 90012	Site Address: 5600 Rickenbacker Rd, Bell, CA	Invoice To: Rincon	
Telephone: 2137884842 Fax:		Address: -	
Special Instruction: —	Project ID: 21-12270		
E-mail: lroerick@rinconconsultants.com	Project Manager: Lauren KR	P.O.#: 21-12270	

ANALYSIS REQUESTED

ITEM	LAB USE ONLY Lab ID	SAMPLE DESCRIPTION Sample ID	Date	Time	Container(s) #	Type	Matrix	Preservation	Title 22 Metals 6010B/7471A	OCPs 8081A	TPH(G,D,O) 8015	Add 4/19/22 Title 22 metals	4/19/22 STLC & TCLP - Lead	HOLD	Remarks
	2204223-01	RB-1-0.5	4/11/22	1145	1	8 oz jar	soil	none	X	X	X				Additional Test 4/19/22
	2204223-02	RB-1-2	↓	1150	1	↓	↓	↓				✓			Standard TAT
	2204223-03	RB-2-0.5		1230	1				X	X	X		✓		Report Due: 4/26/22
	2204223-04	RB-2-2	↓	1235	1	↓	↓	↓				✓		✗	

Collected By: Steve Ossin	Date 4/11/22	Time 1318	Relinquished By:	Date	Time
Relinquished By: Steve Ossin	Date 4/11/22	Time 1318	Received For Laboratory	Date 4/11/22	Time 1530
Received By:	Date	Time	Condition of Sample:		

TAT ☒ Normal ☐ Rush

White: Report - Yellow: Laboratory - Pink: Client

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Rincon Consultants, Inc. LA	Project: Bell Oasis	Work Order No: 2204223
250 E. 1st Street	Project Number: 21-12270	**Reported:**
Los Angeles CA, 90026	Project Manager: Lauren Kodama Roenicke	05/02/2022 11:38

ANALYTICAL SUMMARY REPORT

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
RB-1-0.5	2204223-01	Solid	04/11/2022 11:45	04/11/2022 13:30
RB-1-2	2204223-02	Solid	04/11/2022 11:50	04/11/2022 13:30
RB-2-0.5	2204223-03	Solid	04/11/2022 12:30	04/11/2022 13:30
RB-2-2	2204223-04	Solid	04/11/2022 12:35	04/11/2022 13:30

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Amolk Brar, Lab Director

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Rincon Consultants, Inc. LA	Project: Bell Oasis	Work Order No: 2204223
250 E. 1st Street	Project Number: 21-12270	**Reported:**
Los Angeles CA, 90026	Project Manager: Lauren Kodama Roenicke	05/02/2022 11:38

Analytical Results

Client Sample ID: RB-1-0.5

Laboratory Sample ID: 2204223-01 (Solid)

Analyte	Result	Notes	PQL	Units	Dilution	Prep Method	Analyzed	Analyst	Method
Total Mercury (CVAA)				Batch ID:	BD20582		Prepared: 04/15/2022 16:00		
Mercury	**0.529**		0.0500	mg/kg	1	7471A	04/18/2022 13:03	LVE	7471A
Total ICP Metals				Batch ID:	BD20552		Prepared: 04/15/2022 15:16		
Antimony	**1.16**		0.500	mg/kg	1	3050B	04/18/2022 14:23	LVE	SW846 6010B
Arsenic	**49.4**		0.250	mg/kg	1	3050B	04/18/2022 14:23	LVE	SW846 6010B
Barium	**76.5**		0.500	mg/kg	1	3050B	04/18/2022 14:23	LVE	SW846 6010B
Beryllium	ND		0.500	mg/kg	1	3050B	04/18/2022 14:23	LVE	SW846 6010B
Cadmium	**1.11**		0.500	mg/kg	1	3050B	04/18/2022 14:23	LVE	SW846 6010B
Chromium	**8.08**		0.500	mg/kg	1	3050B	04/18/2022 14:23	LVE	SW846 6010B
Cobalt	**5.24**		0.500	mg/kg	1	3050B	04/18/2022 14:23	LVE	SW846 6010B
Copper	**11.5**		0.500	mg/kg	1	3050B	04/18/2022 14:23	LVE	SW846 6010B
Lead	**21.2**		0.250	mg/kg	1	3050B	04/18/2022 14:23	LVE	SW846 6010B
Molybdenum	ND		0.500	mg/kg	1	3050B	04/18/2022 14:23	LVE	SW846 6010B
Nickel	**6.21**		0.500	mg/kg	1	3050B	04/18/2022 14:23	LVE	SW846 6010B
Selenium	ND		0.500	mg/kg	1	3050B	04/18/2022 14:23	LVE	SW846 6010B
Silver	ND		0.500	mg/kg	1	3050B	04/18/2022 14:23	LVE	SW846 6010B
Thallium	ND		0.500	mg/kg	1	3050B	04/18/2022 14:23	LVE	SW846 6010B
Vanadium	**18.8**		0.500	mg/kg	1	3050B	04/18/2022 14:23	LVE	SW846 6010B
Zinc	**68.8**		0.500	mg/kg	1	3050B	04/18/2022 14:23	LVE	SW846 6010B
Total Petroleum Hydrocarbons(TPH-g)				Batch ID:	BD20561		Prepared: 04/15/2022 09:00		
Gasoline Range Organics	ND		500	ug/kg	1	5030A	04/15/2022 19:26	DW	8015B
Surrogate: Bromofluorobenzene			*80.9 %*		*70-120*	5030A	04/15/2022 19:26	DW	*8015B*
Total Petroleum Hydrocarbons(TPH DROORO)				Batch ID:	BD20562		Prepared: 04/15/2022 09:00		
Diesel range organics	ND		10.0	mg/kg	1	3550B	04/15/2022 18:42	DW	8015B
Oil Range Organics	ND		50.0	mg/kg	1	3550B	04/15/2022 18:42	DW	8015B
Surrogate: Chlorobenzene			*94.1 %*		*70-120*	3550B	04/15/2022 18:42	DW	*8015B*

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Rincon Consultants, Inc. LA	Project: Bell Oasis	Work Order No: 2204223
250 E. 1st Street	Project Number: 21-12270	**Reported:**
Los Angeles CA, 90026	Project Manager: Lauren Kodama Roenicke	05/02/2022 11:38

Analytical Results

Client Sample ID: RB-1-0.5

Laboratory Sample ID: 2204223-01 (Solid)

Analyte	Result	Notes	PQL	Units	Dilution	Prep Method	Analyzed	Analyst	Method
Organochlorine Pesticides				Batch ID:	BD20581		Prepared: 04/18/2022 09:43		
Aldrin	ND		2.00	ug/kg	1	3550 SV	04/18/2022 14:33	AY	8081A
alpha-BHC	ND		2.00	ug/kg	1	3550 SV	04/18/2022 14:33	AY	8081A
beta-BHC	ND		2.00	ug/kg	1	3550 SV	04/18/2022 14:33	AY	8081A
gamma-Chlordane	ND		2.00	ug/kg	1	3550 SV	04/18/2022 14:33	AY	8081A
alpha-Chlordane	ND		2.00	ug/kg	1	3550 SV	04/18/2022 14:33	AY	8081A
4,4´-DDD	ND		4.00	ug/kg	1	3550 SV	04/18/2022 14:33	AY	8081A
4,4´-DDE	**4.13**		4.00	ug/kg	1	3550 SV	04/18/2022 14:33	AY	8081A
4,4´-DDT	**4.40**		4.00	ug/kg	1	3550 SV	04/18/2022 14:33	AY	8081A
delta-BHC	ND		2.00	ug/kg	1	3550 SV	04/18/2022 14:33	AY	8081A
Dieldrin	ND		4.00	ug/kg	1	3550 SV	04/18/2022 14:33	AY	8081A
Endosulfan I	ND		2.00	ug/kg	1	3550 SV	04/18/2022 14:33	AY	8081A
Endosulfan II	ND		4.00	ug/kg	1	3550 SV	04/18/2022 14:33	AY	8081A
Endosulfan sulfate	ND		4.00	ug/kg	1	3550 SV	04/18/2022 14:33	AY	8081A
Endrin	ND		4.00	ug/kg	1	3550 SV	04/18/2022 14:33	AY	8081A
Endrin aldehyde	ND		4.00	ug/kg	1	3550 SV	04/18/2022 14:33	AY	8081A
Endrin ketone	ND		4.00	ug/kg	1	3550 SV	04/18/2022 14:33	AY	8081A
gamma-BHC, Lindane	ND		2.00	ug/kg	1	3550 SV	04/18/2022 14:33	AY	8081A
Heptachlor	ND		2.00	ug/kg	1	3550 SV	04/18/2022 14:33	AY	8081A
Heptachlor Epoxide	ND		2.00	ug/kg	1	3550 SV	04/18/2022 14:33	AY	8081A
Methoxychlor	ND		4.00	ug/kg	1	3550 SV	04/18/2022 14:33	AY	8081A
Toxaphene	ND		170	ug/kg	1	3550 SV	04/18/2022 14:33	AY	8081A
Chlordane (total)	ND		100	ug/kg	1	3550 SV	04/18/2022 14:33	AY	8081A
Surrogate: Decachlorobiphenyl			*116 %*	*43-169*		3550 SV	04/18/2022 14:33	AY	*8081A*

Analytical Results

Client Sample ID: RB-1-2

Laboratory Sample ID: 2204223-02 (Solid)

Analyte	Result	Notes	PQL	Units	Dilution	Prep Method	Analyzed	Analyst	Method
Total Mercury (CVAA)				Batch ID:	BD20804		Prepared: 04/21/2022 11:01		
Mercury	**1.10**		0.0500	mg/kg	1	7471A	04/22/2022 16:42	LVE	7471A
Total ICP Metals				Batch ID:	BD20803		Prepared: 04/22/2022 10:56		
Antimony	**0.640**		0.500	mg/kg	1	3050B	04/22/2022 16:05	LVE	SW846 6010B
Arsenic	**64.1**		0.250	mg/kg	1	3050B	04/22/2022 16:05	LVE	SW846 6010B
Barium	**99.9**		0.500	mg/kg	1	3050B	04/22/2022 16:05	LVE	SW846 6010B
Beryllium	ND		0.500	mg/kg	1	3050B	04/22/2022 16:05	LVE	SW846 6010B
Cadmium	**1.64**		0.500	mg/kg	1	3050B	04/22/2022 16:05	LVE	SW846 6010B
Chromium	**9.31**		0.500	mg/kg	1	3050B	04/22/2022 16:05	LVE	SW846 6010B

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Amolk Brar, Lab Director

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Rincon Consultants, Inc. LA	Project: Bell Oasis	Work Order No: 2204223
250 E. 1st Street	Project Number: 21-12270	**Reported:**
Los Angeles CA, 90026	Project Manager: Lauren Kodama Roenicke	05/02/2022 11:38

Analytical Results

Client Sample ID: RB-1-2

Laboratory Sample ID: 2204223-02 (Solid)

Analyte	Result	Notes	PQL	Units	Dilution	Prep Method	Analyzed	Analyst	Method
Total ICP Metals				Batch ID:	BD20803		Prepared: 04/22/2022 10:56		
Cobalt	**6.26**		0.500	mg/kg	1	3050B	04/22/2022 16:05	LVE	SW846 6010B
Copper	**15.2**		0.500	mg/kg	1	3050B	04/22/2022 16:05	LVE	SW846 6010B
Lead	**22.2**		0.250	mg/kg	1	3050B	04/22/2022 16:05	LVE	SW846 6010B
Molybdenum	ND		0.500	mg/kg	1	3050B	04/22/2022 16:05	LVE	SW846 6010B
Nickel	**6.75**		0.500	mg/kg	1	3050B	04/22/2022 16:05	LVE	SW846 6010B
Selenium	ND		0.500	mg/kg	1	3050B	04/22/2022 16:05	LVE	SW846 6010B
Silver	ND		0.500	mg/kg	1	3050B	04/22/2022 16:05	LVE	SW846 6010B
Thallium	ND		0.500	mg/kg	1	3050B	04/22/2022 16:05	LVE	SW846 6010B
Vanadium	**22.5**		0.500	mg/kg	1	3050B	04/22/2022 16:05	LVE	SW846 6010B
Zinc	**97.3**		0.500	mg/kg	1	3050B	04/22/2022 16:05	LVE	SW846 6010B

Analytical Results

Client Sample ID: RB-2-0.5

Laboratory Sample ID: 2204223-03 (Solid)

Analyte	Result	Notes	PQL	Units	Dilution	Prep Method	Analyzed	Analyst	Method
Total Mercury (CVAA)				Batch ID:	BD20582		Prepared: 04/15/2022 16:00		
Mercury	**0.274**		0.0500	mg/kg	1	7471A	04/18/2022 13:03	LVE	7471A
Total ICP Metals				Batch ID:	BD20552		Prepared: 04/15/2022 15:16		
Antimony	ND		0.500	mg/kg	1	3050B	04/18/2022 14:23	LVE	SW846 6010B
Arsenic	**25.7**		0.250	mg/kg	1	3050B	04/18/2022 14:23	LVE	SW846 6010B
Barium	**104**		0.500	mg/kg	1	3050B	04/18/2022 14:23	LVE	SW846 6010B
Beryllium	ND		0.500	mg/kg	1	3050B	04/18/2022 14:23	LVE	SW846 6010B
Cadmium	**1.68**		0.500	mg/kg	1	3050B	04/18/2022 14:23	LVE	SW846 6010B
Chromium	**15.8**		0.500	mg/kg	1	3050B	04/18/2022 14:23	LVE	SW846 6010B
Cobalt	**7.08**		0.500	mg/kg	1	3050B	04/18/2022 14:23	LVE	SW846 6010B
Copper	**20.3**		0.500	mg/kg	1	3050B	04/18/2022 14:23	LVE	SW846 6010B
Lead	**106**		0.250	mg/kg	1	3050B	04/18/2022 14:23	LVE	SW846 6010B
Molybdenum	ND		0.500	mg/kg	1	3050B	04/18/2022 14:23	LVE	SW846 6010B
Nickel	**9.56**		0.500	mg/kg	1	3050B	04/18/2022 14:23	LVE	SW846 6010B
Selenium	ND		0.500	mg/kg	1	3050B	04/18/2022 14:23	LVE	SW846 6010B
Silver	ND		0.500	mg/kg	1	3050B	04/18/2022 14:23	LVE	SW846 6010B
Thallium	ND		0.500	mg/kg	1	3050B	04/18/2022 14:23	LVE	SW846 6010B
Vanadium	**25.2**		0.500	mg/kg	1	3050B	04/18/2022 14:23	LVE	SW846 6010B
Zinc	**133**		0.500	mg/kg	1	3050B	04/18/2022 14:23	LVE	SW846 6010B
Total Petroleum Hydrocarbons(TPH-g)				Batch ID:	BD20561		Prepared: 04/15/2022 09:00		
Gasoline Range Organics	ND		500	ug/kg	1	5030A	04/15/2022 19:52	DW	8015B
Surrogate: Bromofluorobenzene			*76.7 %*	*70-120*		5030A	04/15/2022 19:52	DW	*8015B*

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Environmental Testing Services
2520 N. San Fernando Road, LA CA 90065 Tel: (323) 223-9700 • Fax: (323) 223-9500

Rincon Consultants, Inc. LA	Project: Bell Oasis	Work Order No: 2204223
250 E. 1st Street	Project Number: 21-12270	**Reported:**
Los Angeles CA, 90026	Project Manager: Lauren Kodama Roenicke	05/02/2022 11:38

Analytical Results

Client Sample ID: RB-2-0.5

Laboratory Sample ID: 2204223-03 (Solid)

Analyte	Result	Notes	PQL	Units	Dilution	Prep Method	Analyzed	Analyst	Method
Total Petroleum Hydrocarbons(TPH DROORO)				Batch ID:	BD20562		Prepared: 04/15/2022 09:00		
Diesel range organics	ND		10.0	mg/kg	1	3550B	04/15/2022 19:24	DW	8015B
Oil Range Organics	ND		50.0	mg/kg	1	3550B	04/15/2022 19:24	DW	8015B
Surrogate: Chlorobenzene			*91.2 %*		*70-120*	3550B	04/15/2022 19:24	DW	*8015B*
Organochlorine Pesticides				Batch ID:	BD20581		Prepared: 04/18/2022 09:43		
Aldrin	ND		2.00	ug/kg	1	3550 SV	04/18/2022 15:43	AY	8081A
alpha-BHC	ND		2.00	ug/kg	1	3550 SV	04/18/2022 15:43	AY	8081A
beta-BHC	ND		2.00	ug/kg	1	3550 SV	04/18/2022 15:43	AY	8081A
gamma-Chlordane	**4.99**		2.00	ug/kg	1	3550 SV	04/18/2022 15:43	AY	8081A
alpha-Chlordane	**6.35**		2.00	ug/kg	1	3550 SV	04/18/2022 15:43	AY	8081A
4,4´-DDD	ND		4.00	ug/kg	1	3550 SV	04/18/2022 15:43	AY	8081A
4,4´-DDE	ND		4.00	ug/kg	1	3550 SV	04/18/2022 15:43	AY	8081A
4,4´-DDT	**20.6**		4.00	ug/kg	1	3550 SV	04/18/2022 15:43	AY	8081A
delta-BHC	ND		2.00	ug/kg	1	3550 SV	04/18/2022 15:43	AY	8081A
Dieldrin	ND		4.00	ug/kg	1	3550 SV	04/18/2022 15:43	AY	8081A
Endosulfan I	ND		2.00	ug/kg	1	3550 SV	04/18/2022 15:43	AY	8081A
Endosulfan II	ND		4.00	ug/kg	1	3550 SV	04/18/2022 15:43	AY	8081A
Endosulfan sulfate	ND		4.00	ug/kg	1	3550 SV	04/18/2022 15:43	AY	8081A
Endrin	ND		4.00	ug/kg	1	3550 SV	04/18/2022 15:43	AY	8081A
Endrin aldehyde	ND		4.00	ug/kg	1	3550 SV	04/18/2022 15:43	AY	8081A
Endrin ketone	ND		4.00	ug/kg	1	3550 SV	04/18/2022 15:43	AY	8081A
gamma-BHC, Lindane	ND		2.00	ug/kg	1	3550 SV	04/18/2022 15:43	AY	8081A
Heptachlor	ND		2.00	ug/kg	1	3550 SV	04/18/2022 15:43	AY	8081A
Heptachlor Epoxide	ND		2.00	ug/kg	1	3550 SV	04/18/2022 15:43	AY	8081A
Methoxychlor	ND		4.00	ug/kg	1	3550 SV	04/18/2022 15:43	AY	8081A
Toxaphene	ND		170	ug/kg	1	3550 SV	04/18/2022 15:43	AY	8081A
Chlordane (total)	ND		100	ug/kg	1	3550 SV	04/18/2022 15:43	AY	8081A
Surrogate: Decachlorobiphenyl			*129 %*		*43-169*	3550 SV	04/18/2022 15:43	AY	*8081A*

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Rincon Consultants, Inc. LA	Project: Bell Oasis	Work Order No: 2204223
250 E. 1st Street	Project Number: 21-12270	**Reported:**
Los Angeles CA, 90026	Project Manager: Lauren Kodama Roenicke	05/02/2022 11:38

Analytical Results

Client Sample ID: RB-2-0.5

Laboratory Sample ID: 2204223-03 (Solid)

Analyte	Result	Notes	PQL	Units	Dilution	Prep Method	Analyzed	Analyst	Method
TCLP Metals				Batch ID:	BD20806		Prepared: 04/22/2022 18:00		
Lead	ND		0.500	mg/L	1	TCLP	04/25/2022 13:04	LVE	TCLP
STLC Metals				Batch ID:	BD20805		Prepared: 04/22/2022 18:00		
Lead	**5.30**		0.500	mg/L	1	STLC	04/25/2022 13:51	LVE	EPA 6010B

Analytical Results

Client Sample ID: RB-2-2

Laboratory Sample ID: 2204223-04 (Solid)

Analyte	Result	Notes	PQL	Units	Dilution	Prep Method	Analyzed	Analyst	Method
Total Mercury (CVAA)				Batch ID:	BD20804		Prepared: 04/21/2022 11:01		
Mercury	**0.222**		0.0500	mg/kg	1	7471A	04/22/2022 16:42	LVE	7471A
Total ICP Metals				Batch ID:	BD20803		Prepared: 04/22/2022 10:56		
Antimony	**0.570**		0.500	mg/kg	1	3050B	04/22/2022 16:05	LVE	SW846 6010B
Arsenic	**66.5**		0.250	mg/kg	1	3050B	04/22/2022 16:05	LVE	SW846 6010B
Barium	**142**		0.500	mg/kg	1	3050B	04/22/2022 16:05	LVE	SW846 6010B
Beryllium	ND		0.500	mg/kg	1	3050B	04/22/2022 16:05	LVE	SW846 6010B
Cadmium	**2.31**		0.500	mg/kg	1	3050B	04/22/2022 16:05	LVE	SW846 6010B
Chromium	**17.3**		0.500	mg/kg	1	3050B	04/22/2022 16:05	LVE	SW846 6010B
Cobalt	**9.69**		0.500	mg/kg	1	3050B	04/22/2022 16:05	LVE	SW846 6010B
Copper	**25.3**		0.500	mg/kg	1	3050B	04/22/2022 16:05	LVE	SW846 6010B
Lead	**34.0**		0.250	mg/kg	1	3050B	04/22/2022 16:05	LVE	SW846 6010B
Molybdenum	ND		0.500	mg/kg	1	3050B	04/22/2022 16:05	LVE	SW846 6010B
Nickel	**12.0**		0.500	mg/kg	1	3050B	04/22/2022 16:05	LVE	SW846 6010B
Selenium	ND		0.500	mg/kg	1	3050B	04/22/2022 16:05	LVE	SW846 6010B
Silver	ND		0.500	mg/kg	1	3050B	04/22/2022 16:05	LVE	SW846 6010B
Thallium	ND		0.500	mg/kg	1	3050B	04/22/2022 16:05	LVE	SW846 6010B
Vanadium	**35.2**		0.500	mg/kg	1	3050B	04/22/2022 16:05	LVE	SW846 6010B
Zinc	**101**		0.500	mg/kg	1	3050B	04/22/2022 16:05	LVE	SW846 6010B

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250 E. 1st Street	Project Number: 21-12270	**Reported:**
Los Angeles CA, 90026	Project Manager: Lauren Kodama Roenicke	05/02/2022 11:38

Total Mercury (CVAA) - Quality Control Report

Analyte	Result	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch BD20582 - 7471A - 7471A										
Blank (BD20582-BLK1)				Prepared: 04/15/202 Analyzed: 04/18/202						
Mercury	ND	0.0500	mg/kg							
LCS (BD20582-BS1)				Prepared: 04/15/202 Analyzed: 04/18/202						
Mercury	0.104	0.0500	mg/kg	0.100		104	80-120			
LCS Dup (BD20582-BSD1)				Prepared: 04/15/202 Analyzed: 04/18/202						
Mercury	0.103	0.0500	mg/kg	0.100		103	80-120	0.386	20	
Batch BD20804 - 7471A - 7471A										
Blank (BD20804-BLK1)				Prepared: 04/21/202 Analyzed: 04/22/202						
Mercury	ND	0.0500	mg/kg							
LCS (BD20804-BS1)				Prepared: 04/21/202 Analyzed: 04/22/202						
Mercury	0.0935	0.0500	mg/kg	0.100		93.5	80-120			
LCS Dup (BD20804-BSD1)				Prepared: 04/21/202 Analyzed: 04/22/202						
Mercury	0.108	0.0500	mg/kg	0.100		108	80-120	14.8	20	

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250 E. 1st Street	Project Number: 21-12270	**Reported:**
Los Angeles CA, 90026	Project Manager: Lauren Kodama Roenicke	05/02/2022 11:38

Total ICP Metals - Quality Control Report

Analyte	Result	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch BD20552 - 3050B - SW846 6010B										
Blank (BD20552-BLK1)				Prepared: 04/15/202 Analyzed: 04/18/202						
Antimony	ND	0.500	mg/kg							
Arsenic	ND	0.250	"							
Barium	ND	0.500	"							
Beryllium	ND	0.500	"							
Cadmium	ND	0.500	"							
Chromium	ND	0.500	"							
Cobalt	ND	0.500	"							
Copper	ND	0.500	"							
Lead	ND	0.250	"							
Molybdenum	ND	0.500	"							
Nickel	ND	0.500	"							
Selenium	ND	0.500	"							
Silver	ND	0.500	"							
Thallium	ND	0.500	"							
Vanadium	ND	0.500	"							
Zinc	ND	0.500	"							
LCS (BD20552-BS1)				Prepared: 04/15/202 Analyzed: 04/18/202						
Antimony	1.02	0.0100	mg/kg	1.00		102	80-120			
Arsenic	1.03	0.00500	"	1.00		103	80-120			
Barium	1.03	0.0100	"	1.00		103	80-120			
Beryllium	1.06	0.0100	"	1.00		106	80-120			
Cadmium	1.02	0.0100	"	1.00		102	80-120			
Chromium	1.05	0.0100	"	1.00		105	80-120			
Cobalt	1.02	0.0100	"	1.00		102	80-120			
Copper	1.01	0.0100	"	1.00		101	80-120			
Lead	1.03	0.00500	"	1.00		103	80-120			
Molybdenum	0.998	0.0100	"	1.00		99.8	80-120			
Nickel	1.06	0.0100	"	1.00		106	80-120			
Selenium	1.04	0.0100	"	1.00		104	80-120			
Silver	1.06	0.0100	"	1.00		106	80-120			
Thallium	1.07	0.0100	"	1.00		107	80-120			
Vanadium	0.993	0.0100	"	1.00		99.3	80-120			
Zinc	1.03	0.0100	"	1.00		103	80-120			

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Rincon Consultants, Inc. LA	Project: Bell Oasis	Work Order No: 2204223
250 E. 1st Street	Project Number: 21-12270	**Reported:**
Los Angeles CA, 90026	Project Manager: Lauren Kodama Roenicke	05/02/2022 11:38

Total ICP Metals - Quality Control Report

Analyte	Result	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch BD20552 - 3050B - SW846 6010B										
LCS Dup (BD20552-BSD1)				Prepared: 04/15/202 Analyzed: 04/18/202						
Antimony	1.03	0.0100	mg/kg	1.00		103	80-120	0.333	20	
Arsenic	1.04	0.00500	"	1.00		104	80-120	0.804	20	
Barium	1.04	0.0100	"	1.00		104	80-120	0.922	20	
Beryllium	1.07	0.0100	"	1.00		107	80-120	0.341	20	
Cadmium	1.04	0.0100	"	1.00		104	80-120	1.28	20	
Chromium	1.06	0.0100	"	1.00		106	80-120	0.932	20	
Cobalt	1.03	0.0100	"	1.00		103	80-120	1.54	20	
Copper	1.03	0.0100	"	1.00		103	80-120	1.80	20	
Lead	1.04	0.00500	"	1.00		104	80-120	1.48	20	
Molybdenum	1.01	0.0100	"	1.00		101	80-120	1.13	20	
Nickel	1.07	0.0100	"	1.00		107	80-120	1.21	20	
Selenium	1.06	0.0100	"	1.00		106	80-120	1.05	20	
Silver	1.07	0.0100	"	1.00		107	80-120	0.622	20	
Thallium	1.08	0.0100	"	1.00		108	80-120	1.25	20	
Vanadium	1.01	0.0100	"	1.00		101	80-120	1.67	20	
Zinc	1.03	0.0100	"	1.00		103	80-120	0.700	20	
Batch BD20803 - 3050B - SW846 6010B										
Blank (BD20803-BLK1)				Prepared & Analyzed: 04/22/202						
Antimony	ND	0.500	mg/kg							
Arsenic	ND	0.250	"							
Barium	ND	0.500	"							
Beryllium	ND	0.500	"							
Cadmium	ND	0.500	"							
Chromium	ND	0.500	"							
Cobalt	ND	0.500	"							
Copper	ND	0.500	"							
Lead	ND	0.250	"							
Molybdenum	ND	0.500	"							
Nickel	ND	0.500	"							
Selenium	ND	0.500	"							
Silver	ND	0.500	"							
Thallium	ND	0.500	"							
Vanadium	ND	0.500	"							
Zinc	ND	0.500	"							

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250 E. 1st Street	Project Number: 21-12270	**Reported:**
Los Angeles CA, 90026	Project Manager: Lauren Kodama Roenicke	05/02/2022 11:38

Total ICP Metals - Quality Control Report

Analyte	Result	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch BD20803 - 3050B - SW846 6010B										
LCS (BD20803-BS1)				Prepared & Analyzed: 04/22/202						
Antimony	0.886	0.0100	mg/kg	1.00		88.6	80-120			
Arsenic	0.931	0.00500	"	1.00		93.1	80-120			
Barium	0.930	0.0100	"	1.00		93.0	80-120			
Beryllium	1.01	0.0100	"	1.00		101	80-120			
Cadmium	0.933	0.0100	"	1.00		93.3	80-120			
Chromium	0.925	0.0100	"	1.00		92.5	80-120			
Cobalt	0.920	0.0100	"	1.00		92.0	80-120			
Copper	0.957	0.0100	"	1.00		95.7	80-120			
Lead	0.925	0.00500	"	1.00		92.5	80-120			
Molybdenum	0.888	0.0100	"	1.00		88.8	80-120			
Nickel	0.926	0.0100	"	1.00		92.6	80-120			
Selenium	0.934	0.0100	"	1.00		93.4	80-120			
Silver	0.954	0.0100	"	1.00		95.4	80-120			
Thallium	0.949	0.0100	"	1.00		94.9	80-120			
Vanadium	0.907	0.0100	"	1.00		90.7	80-120			
Zinc	1.06	0.0100	"	1.00		106	80-120			
LCS Dup (BD20803-BSD1)				Prepared & Analyzed: 04/22/202						
Antimony	0.864	0.0100	mg/kg	1.00		86.4	80-120	2.59	20	
Arsenic	0.884	0.00500	"	1.00		88.4	80-120	5.17	20	
Barium	0.890	0.0100	"	1.00		89.0	80-120	4.33	20	
Beryllium	0.950	0.0100	"	1.00		95.0	80-120	5.65	20	
Cadmium	0.895	0.0100	"	1.00		89.5	80-120	4.13	20	
Chromium	0.881	0.0100	"	1.00		88.1	80-120	4.83	20	
Cobalt	0.892	0.0100	"	1.00		89.2	80-120	3.11	20	
Copper	0.914	0.0100	"	1.00		91.4	80-120	4.53	20	
Lead	0.893	0.00500	"	1.00		89.3	80-120	3.46	20	
Molybdenum	0.860	0.0100	"	1.00		86.0	80-120	3.24	20	
Nickel	0.891	0.0100	"	1.00		89.1	80-120	3.85	20	
Selenium	0.891	0.0100	"	1.00		89.1	80-120	4.65	20	
Silver	0.912	0.0100	"	1.00		91.2	80-120	4.47	20	
Thallium	0.922	0.0100	"	1.00		92.2	80-120	2.84	20	
Vanadium	0.877	0.0100	"	1.00		87.7	80-120	3.43	20	
Zinc	0.998	0.0100	"	1.00		99.8	80-120	5.61	20	

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250 E. 1st Street	Project Number: 21-12270	**Reported:**
Los Angeles CA, 90026	Project Manager: Lauren Kodama Roenicke	05/02/2022 11:38

Total Petroleum Hydrocarbons(TPH-g) - Quality Control Report

Analyte	Result	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch BD20561 - 5030A - 8015B										
Blank (BD20561-BLK1)				Prepared & Analyzed: 04/15/202						
Gasoline Range Organics	ND	500	ug/kg							
LCS (BD20561-BS1)				Prepared & Analyzed: 04/15/202						
Gasoline Range Organics	477		ug/L	500		95.4	75-120			
LCS Dup (BD20561-BSD1)				Prepared & Analyzed: 04/15/202						
Gasoline Range Organics	462		ug/L	500		92.3	75-120	3.21	15	
Matrix Spike (BD20561-MS1)		**Source: 2204223-03**		Prepared & Analyzed: 04/15/202						
Gasoline Range Organics	461		ug/L	500	0.00	92.2	75-120			
Matrix Spike Dup (BD20561-MSD1)		**Source: 2204223-03**		Prepared & Analyzed: 04/15/202						
Gasoline Range Organics	444		ug/L	500	0.00	88.8	75-120	3.73	15	

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250 E. 1st Street	Project Number: 21-12270	**Reported:**
Los Angeles CA, 90026	Project Manager: Lauren Kodama Roenicke	05/02/2022 11:38

Total Petroleum Hydrocarbons(TPH DROORO) - Quality Control Report

Analyte	Result	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch BD20562 - 3550B - 8015B										
Blank (BD20562-BLK1)				Prepared & Analyzed: 04/15/202						
Diesel range organics	ND	10.0	mg/kg							
Oil Range Organics	ND	50.0	"							
Surrogate: Chlorobenzene	*93.2*		*mg/L*	*100*		*93.2*	*70-120*			
LCS (BD20562-BS1)				Prepared & Analyzed: 04/15/202						
Diesel range organics	454		mg/L	500		90.7	75-120			
Surrogate: Chlorobenzene	*95.3*		*"*	*100*		*95.3*	*70-120*			
LCS Dup (BD20562-BSD1)				Prepared & Analyzed: 04/15/202						
Diesel range organics	467		mg/L	500		93.4	75-120	2.94	20	
Surrogate: Chlorobenzene	*97.8*		*"*	*100*		*97.8*	*70-120*			
Matrix Spike (BD20562-MS1)		**Source: 2204223-03**		Prepared & Analyzed: 04/15/202						
Diesel range organics	489		mg/L	500	0.00	97.9	75-120			
Surrogate: Chlorobenzene	*105*		*"*	*100*		*105*	*70-120*			
Matrix Spike Dup (BD20562-MSD1)		**Source: 2204223-03**		Prepared & Analyzed: 04/15/202						
Diesel range organics	478		mg/L	500	0.00	95.6	75-120	2.39	20	
Surrogate: Chlorobenzene	*99.1*		*"*	*100*		*99.1*	*70-120*			

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

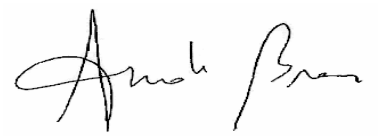
Amolk Brar, Lab Director

AMERICAN SCIENTIFIC LABORATORIES, LLC
Environmental Testing Services
2520 N. San Fernando Road, LA CA 90065 Tel: (323) 223-9700 • Fax: (323) 223-9500

Rincon Consultants, Inc. LA	Project: Bell Oasis	Work Order No: 2204223
250 E. 1st Street	Project Number: 21-12270	**Reported:**
Los Angeles CA, 90026	Project Manager: Lauren Kodama Roenicke	05/02/2022 11:38

Organochlorine Pesticides - Quality Control Report

Analyte	Result	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch BD20581 - 3550 SV - 8081A										
Blank (BD20581-BLK1)				Prepared & Analyzed: 04/18/202						
Aldrin	ND	2.00	ug/kg							
alpha-BHC	ND	2.00	"							
beta-BHC	ND	2.00	"							
gamma-Chlordane	ND	2.00	"							
alpha-Chlordane	ND	2.00	"							
4,4´-DDD	ND	4.00	"							
4,4´-DDE	ND	4.00	"							
4,4´-DDT	ND	4.00	"							
delta-BHC	ND	2.00	"							
Dieldrin	ND	4.00	"							
Endosulfan I	ND	2.00	"							
Endosulfan II	ND	4.00	"							
Endosulfan sulfate	ND	4.00	"							
Endrin	ND	4.00	"							
Endrin aldehyde	ND	4.00	"							
Endrin ketone	ND	4.00	"							
gamma-BHC, Lindane	ND	2.00	"							
Heptachlor	ND	2.00	"							
Heptachlor Epoxide	ND	2.00	"							
Methoxychlor	ND	4.00	"							
Toxaphene	ND	170	"							
Chlordane (total)	ND	100	"							
Surrogate: Decachlorobiphenyl	*59.1*		*ug/L*	*50.0*		*118*	*43-169*			
LCS (BD20581-BS1)				Prepared & Analyzed: 04/18/202						
Aldrin	15.1	2.00	ug/kg	16.7		90.9	42-122			
4,4´-DDT	21.1	4.00	"	16.7		127	25-160			
Dieldrin	19.3	4.00	"	16.7		116	36-146			
Endrin	21.8	4.00	"	16.7		131	30-147			
gamma-BHC, Lindane	14.5	2.00	"	16.7		86.7	32-127			
Heptachlor	17.6	2.00	"	16.7		106	34-111			
Surrogate: Decachlorobiphenyl	*48.3*		*ug/L*	*50.0*		*96.5*	*43-169*			



Amolk Brar, Lab Director

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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Rincon Consultants, Inc. LA	Project: Bell Oasis	Work Order No: 2204223
250 E. 1st Street	Project Number: 21-12270	**Reported:**
Los Angeles CA, 90026	Project Manager: Lauren Kodama Roenicke	05/02/2022 11:38

Organochlorine Pesticides - Quality Control Report

Analyte	Result	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch BD20581 - 3550 SV - 8081A										
LCS Dup (BD20581-BSD1)				Prepared & Analyzed: 04/18/202						
Aldrin	13.4	2.00	ug/kg	16.7		80.7	42-122	11.9	30	
4,4´-DDT	22.1	4.00	"	16.7		132	25-160	4.24	30	
Dieldrin	17.7	4.00	"	16.7		106	36-146	8.94	30	
Endrin	21.6	4.00	"	16.7		129	30-147	1.13	30	
gamma-BHC, Lindane	12.8	2.00	"	16.7		77.1	32-127	11.8	30	
Heptachlor	15.4	2.00	"	16.7		92.7	34-111	13.2	30	
Surrogate: Decachlorobiphenyl	*43.4*		*ug/L*	*50.0*		*86.8*	*43-169*			

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Amolk Brar, Lab Director

American Scientific Laboratories, LLC
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2520 N. San Fernando Road, LA CA 90065 Tel: (323) 223-9700 • Fax: (323) 223-9500

Rincon Consultants, Inc. LA	Project: Bell Oasis	Work Order No: 2204223
250 E. 1st Street	Project Number: 21-12270	**Reported:**
Los Angeles CA, 90026	Project Manager: Lauren Kodama Roenicke	05/02/2022 11:38

TCLP Metals - Quality Control Report

Analyte	Result	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch BD20806 - TCLP - TCLP										
Blank (BD20806-BLK1)				Prepared: 04/22/202 Analyzed: 04/25/202						
Lead	ND	0.500	mg/L							
LCS (BD20806-BS1)				Prepared: 04/22/202 Analyzed: 04/25/202						
Lead	0.928	0.500	mg/L	1.00		92.8	80-120			
LCS Dup (BD20806-BSD1)				Prepared: 04/22/202 Analyzed: 04/25/202						
Lead	0.933	0.500	mg/L	1.00		93.3	80-120	0.534	25	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Amolk Brar, Lab Director

American Scientific Laboratories, LLC
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2520 N. San Fernando Road, LA CA 90065 Tel: (323) 223-9700 • Fax: (323) 223-9500

Rincon Consultants, Inc. LA	Project: Bell Oasis	Work Order No: 2204223
250 E. 1st Street	Project Number: 21-12270	**Reported:**
Los Angeles CA, 90026	Project Manager: Lauren Kodama Roenicke	05/02/2022 11:38

STLC Metals - Quality Control Report

Analyte	Result	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch BD20805 - STLC - EPA 6010B										
Blank (BD20805-BLK1)				Prepared: 04/22/202 Analyzed: 04/25/202						
Lead	ND	0.500	mg/L							
LCS (BD20805-BS1)				Prepared: 04/22/202 Analyzed: 04/25/202						
Lead	0.926	0.500	mg/L	1.00		92.6	80-120			
LCS Dup (BD20805-BSD1)				Prepared: 04/22/202 Analyzed: 04/25/202						
Lead	0.933	0.500	mg/L	1.00		93.3	80-120	0.774	25	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Amolk Brar, Lab Director

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Rincon Consultants, Inc. LA	Project: Bell Oasis	Work Order No: 2204223
250 E. 1st Street	Project Number: 21-12270	**Reported:**
Los Angeles CA, 90026	Project Manager: Lauren Kodama Roenicke	05/02/2022 11:38

Notes and Definitions

DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the practical quantitation limit (PQL)
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference

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06 May 2022

Lauren Kodama Roenicke

Rincon Consultants, Inc. LA

250 E. 1st Street

Los Angeles, CA 90026

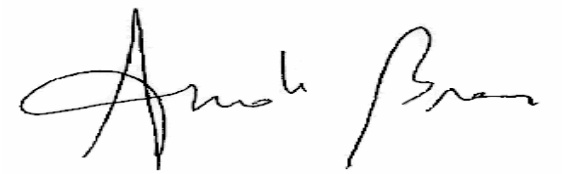
Work Order #: 2204223

Project Name: Bell Oasis

Project ID: 21-12270

Site Address: 5600 Rickenbaker Road Bell, CA

Enclosed are the results of analyses for samples received by the laboratory on April 11, 2022. If you have any questions concerning this report, please feel free to contact us.



Molky Brar

Laboratory Director

American Scientific Laboratories, LLC (ASL) accepts sample materials from clients for analysis with the assumption that all of the information provided to ASL verbally or in writing by our clients (and/or their agents), regarding samples being submitted to ASL, is complete and accurate. ASL accepts all samples subject to the following conditions:

1) ASL is not responsible for verifying any client-provided information regarding any samples submitted to the laboratory.
2) ASL is not responsible for any consequences resulting from any inaccuracies , omissions, or misrepresentations contained in client-provided information regarding samples submitted to the laboratory.

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CHAIN OF CUSTODY RECORD

COC# 90803 GLOBAL ID _____ E REPORT: ☒ PDF ☐ EDF ☐ EDD ASL JOB# 2204223

Company: Rincon Consultants		Report To: Lauren KR	
Address: 250 E 1st St	Project Name: Bell Oasis	Address: -	
LA, CA 90012	Site Address: 5600 Rickenbacker	Invoice To: Rincon	
Telephone: 2137864842 Fax:	RI, Bell, CA	Address: -	
Special Instruction: -	Project ID: 21-12270		
E-mail: lroenicke@rinconconsultants.com	Project Manager: Lauren KR	P.O.#: 21-12270	

ANALYSIS REQUESTED

ITEM	LAB USE ONLY Lab ID	SAMPLE DESCRIPTION Sample ID	Date	Time	Container(s) #	Container(s) Type	Matrix	Preservation	Title 22 Metals 6010B/7471A	OCPs 8081A	TPH(G,D,O) 8015	HOLD	Remarks
	2204223-01	RB-1-0.5	4/11/22	1145	1	8 oz jar	soil	none	X	X	X		
	2204223-02	RB-1-2	↓	1150	1	↓	↓	↓				X	
	2204223-03	RB-2-0.5		1230	1				X	X	X		
	2204223-04	RB-2-2		1235	1							X	

Collected By: Steve Ossin	Date 4/11/22	Time 1318	Relinquished By:	Date	Time
Relinquished By: Steve Ossin	Date 4/11/22	Time 1318	Received For Laboratory	Date 4/11/22	Time 1530
Received By:	Date	Time	Condition of Sample:		

TAT ☑ Normal ☐ Rush

White - Report, Yellow - Laboratory, Pink - Client

Job# 2204223

ASL Sample Receipt Form

Client: Rincon Consultants, Inc. L-A

Date: 4-11-2022

Sample Information:

Temperature: 4-8 °C ☐ Blank ☑ Sample

Custody Seal: ☐ Yes ☑ No ☐ Not Available

Received Within Holding Time: ☑ Yes ☐ No

Container:

Proper Containers and Sufficient Volume: ☑ Yes ☐ No

Soil: __☐ 4oz 4 ☑ 8oz __☐ Sleeve __☐ VOA

Water: __☐500AG __☐1AG __☐125PB __☐250PB __☐500PB __☐VOA __☐Other _____

Air: __☐ Tedlar®

Sample Containers Intact: ☑ Yes ☐ No

Trip Blank ☐ Yes ☑ No

Chain-of-Custody (COC):

Received: ☑ Yes ☐ No

Samplers Name: ☑ Yes ☐ No

Container Labels match COC: ☑ Yes ☐ No

COC documents received complete: ☑ Yes ☐ No

Proper Preservation Noted: ☐ Yes ☐ No N/A

Completed By: Janet Chin

Janet Chin 4/19/22 Additional Test Request
Normal TAT, Report Due: 4/26/22

From: Lauren Kodama Roenicke <lroenicke@rinconconsultants.com>
Sent: Tuesday, April 19, 2022 4:16 PM
To: Molky Brar <molky@asllab.com>
Subject: RE: [EXT] RE: STLC and TCLP Pricing

Thanks, Molky—

For **WO 2204223 (Bell Oasis), can you please analyze the 2 foot samples for metals only, and run STLC and TCLP for lead on RB-2 at 0.5? Standard TAT is fine.**

Thank you!

Lauren Kodama Roenicke, Project Manager – Due Diligence
(She/Her/Hers)
Rincon Consultants, Inc.
760-918-9444
619-204-3985 Mobile | 760-517-9138 Direct

AMERICAN SCIENTIFIC LABORATORIES, LLC
Environmental Testing Services
2520 N. San Fernando Road, LA, CA 90065 Tel: (323) 223-9700 • Fax: (323) 223-9500

Page 1 Of 1

COC# 90803 GLOBAL ID _____ E REPORT: ☒ PDF ☐ EDF ☐ EDD ASL JOB# 2204223

CHAIN OF CUSTODY RECORD

Company: Rincon Consultants		Report To: Lauren KR	
Address: 250 E 1st St	Project Name: Bell Oasis	Address: -	
LA, CA 90012	Site Address: 5600 Rickenbacker	Invoice To: Rincon	
Telephone: 2137884842 Fax:	Rd, Bell, CA	Address: -	
Special Instruction: —	Project ID: 21-12270		
E-mail: lroerick@rinconconsultants.com	Project Manager: Lauren KR	P.O.#: 21-12270	

ANALYSIS REQUESTED

ITEM	LAB USE ONLY Lab ID	SAMPLE DESCRIPTION Sample ID	Date	Time	Container(s) #	Container(s) Type	Matrix	Preservation	Title 22 Metals 6010B/7471A	OCPs 8081A	TPH(G,D,O) 8015	Add 4/19/22 Title 22 metals	4/19/22 STLC & TCLP - lead	HOLD	Remarks
	2204223-01	RB-1-0.5	4/11/22	1145	1	8 oz jar	soil	none	X	X	X				Additional Test 4/19/22
	2204223-02	RB-1-2	↓	1150	1	↓	↓	↓				✓			Standard TAT
	2204223-03	RB-2-0.5		1230	1				X	X	X		✓		Report due: 4/26/22
	2204223-04	RB-2-2	↓	1235	1	↓	↓	↓				✓		X	

Collected By: Steve Ossin	Date 4/11/22	Time 1318	Relinquished By:	Date	Time
Relinquished By: Steve Ossin	Date 4/11/22	Time 1318	Received For Laboratory	Date 4/11/22	Time 1530
Received By:	Date	Time	Condition of Sample:		

TAT ☒ Normal ☐ Rush

White: Report - Yellow: Laboratory - Pink: Client

Janet Chin

From: Lauren Kodama Roenicke <lroenicke@rinconconsultants.com>
Sent: Tuesday, May 3, 2022 11:41 AM
To: Molky Brar <molky@asllab.com>
Subject: RE: [EXT] RE: STLC and TCLP Pricing

Oops – sent too quickly.

We need to run **STLC for arsenic on RB-1-2 and RB-2-2.**

Thank you!

Lauren Kodama Roenicke, Project Manager – Due Diligence
(She/Her/Hers)
Rincon Consultants, Inc.
760-918-9444
619-204-3985 Mobile | 760-517-9138 Direct
lroenicke@rinconconsultants.com

5/3/22 2nd Additional Request
Rush TAT, Report Due: 5/6/22

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Page 1 of 1

COC# 90803 GLOBAL ID _____ E REPORT: ☒ PDF ☐ EDF ☐ EDD ASL JOB# 2204223

Company: Rincon Consultants	Project Name: Bell Oasis	Report To: Lauren KR	
Address: 250 E 1st St	Site Address: 5600 Rickenbacker	Address: -	
LA, CA 90012	Rd, Bell, CA	Invoice To: Rincon	
Telephone: 2137884842 Fax:	Project ID: 21-12270	Address: -	
Special Instruction: —	Project Manager: Lauren KR	PO #: 21-12270	
E-mail: lrenicker@rinconconsultants.com			

ANALYSIS REQUESTED

ITEM	LAB USE ONLY Lab ID	SAMPLE DESCRIPTION Sample ID	Date	Time	Containers #	Type	Matrix	Preservation	Title 22 Metals 6010B/7471A	OCPs 8081A	TPH(G,D,O) 8015	Add 4/19/22 Title 22 metals	4/19/22 STLC & TCLP - Lead	5/3/22 STLC - Arsenic	HOLD	Remarks
	2204223-01	RB-1-0.5	4/11/22	1145	1	8 oz jar	soil	none	X	X	X					Additional Test 4/19/22
	2204223-02	RB-1-2		1150	1							✓	⊗			Standard TAT
	2204223-03	RB-2-0.5		1230	1				X	X	X					Report Due: 4/26/22
	2204223-04	RB-2-2		1235	1							✓	⊗		✱	

CHAIN OF CUSTODY RECORD

Collected By: Steve Ossun	Date: 4/11/22	Time: 1318	Relinquished By	Date	Time	TAT: ☑ Normal ☐ Rush
Relinquished By: Steve Ossun	Date: 4/11/22	Time: 1318	Received For Laboratory:	Date: 4/11/22	Time: 1330	
Received By	Date	Time	Condition of Sample			

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Rincon Consultants, Inc. LA	Project: Bell Oasis	Work Order No: 2204223
250 E. 1st Street	Project Number: 21-12270	**Reported:**
Los Angeles CA, 90026	Project Manager: Lauren Kodama Roenicke	05/06/2022 17:16

ANALYTICAL SUMMARY REPORT

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
RB-1-2	2204223-02	Solid	04/11/2022 11:50	04/11/2022 13:30
RB-2-2	2204223-04	Solid	04/11/2022 12:35	04/11/2022 13:30

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Amolk Brar, Lab Director

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Rincon Consultants, Inc. LA	Project: Bell Oasis	Work Order No: 2204223
250 E. 1st Street	Project Number: 21-12270	**Reported:**
Los Angeles CA, 90026	Project Manager: Lauren Kodama Roenicke	05/06/2022 17:16

Analytical Results

Client Sample ID: RB-1-2

Laboratory Sample ID: 2204223-02 (Solid)

Analyte	Result	Notes	PQL	Units	Dilution	Prep Method	Analyzed	Analyst	Method
STLC Metals				Batch ID:	BE20239		Prepared: 05/03/2022 17:04		
Arsenic	**4.68**		0.500	mg/L	1	SPLP	05/05/2022 12:36	LVE	EPA 6010B

Analytical Results

Client Sample ID: RB-2-2

Laboratory Sample ID: 2204223-04 (Solid)

Analyte	Result	Notes	PQL	Units	Dilution	Prep Method	Analyzed	Analyst	Method
STLC Metals				Batch ID:	BE20239		Prepared: 05/03/2022 17:04		
Arsenic	**3.57**		0.500	mg/L	1	SPLP	05/05/2022 12:36	LVE	EPA 6010B

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Amolk Brar, Lab Director

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Rincon Consultants, Inc. LA	Project: Bell Oasis	Work Order No: 2204223
250 E. 1st Street	Project Number: 21-12270	**Reported:**
Los Angeles CA, 90026	Project Manager: Lauren Kodama Roenicke	05/06/2022 17:16

STLC Metals - Quality Control Report

Analyte	Result	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch BE20239 - SPLP - EPA 6010B										
Blank (BE20239-BLK1)				Prepared: 05/03/202 Analyzed: 05/05/202						
Arsenic	ND	0.500	mg/L							
LCS (BE20239-BS1)				Prepared: 05/03/202 Analyzed: 05/05/202						
Arsenic	92.4	0.500	mg/L	100		92.4	80-120			
LCS Dup (BE20239-BSD1)				Prepared: 05/03/202 Analyzed: 05/05/202						
Arsenic	102	0.500	mg/L	100		102	80-120	9.88	25	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Amolk Brar, Lab Director

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Rincon Consultants, Inc. LA	Project: Bell Oasis	Work Order No: 2204223
250 E. 1st Street	Project Number: 21-12270	**Reported:**
Los Angeles CA, 90026	Project Manager: Lauren Kodama Roenicke	05/06/2022 17:16

Notes and Definitions

DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the practical quantitation limit (PQL)
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference

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18 July 2022

Lauren Kodama Roenicke

Rincon Consultants, Inc. LA

250 E. 1st Street

Los Angeles, CA 90026

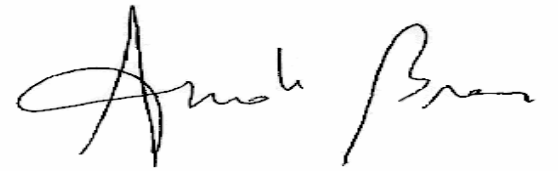
Work Order #: 2206012

Project Name: Bell Oasis Apt.

Project ID: 21-12270

Site Address: Los Angeles, CA

Enclosed are the results of analyses for samples received by the laboratory on June 14, 2022. If you have any questions concerning this report, please feel free to contact us.



Molky Brar

Laboratory Director

American Scientific Laboratories, LLC (ASL) accepts sample materials from clients for analysis with the assumption that all of the information provided to ASL verbally or in writing by our clients (and/or their agents), regarding samples being submitted to ASL, is complete and accurate. ASL accepts all samples subject to the following conditions:

1) ASL is not responsible for verifying any client-provided information regarding any samples submitted to the laboratory.
2) ASL is not responsible for any consequences resulting from any inaccuracies , omissions, or misrepresentations contained in client-provided information regarding samples submitted to the laboratory.

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COC# 91849 GLOBAL ID _____ E REPORT: ☑ PDF ☐ EDF ☐ EDD ASL JOB# 2206012

CHAIN OF CUSTODY RECORD

Company: Rincon Consultants		Report To: Lauren Roenicke	ANALYSIS REQUESTED
Address: 250 ~~1st E~~ 1st St	Project Name: Bell Oasis Apt.	Address:	
Los Angeles	Site Address: K Street, Los Angeles, CA	Invoice To:	
Telephone: Fax:		Address:	
Special Instruction:	Project ID: 21-12270		
E-mail: lroenicke@rinconconsultants.com	Project Manager: Lauren Roenicke	P.O.#:	

ITEM	LAB USE ONLY Lab ID	SAMPLE DESCRIPTION Sample ID	Date	Time	Container(s) #	Type	Matrix	Preservation	Metals by 6010B	Remarks
	2206012-01	RB3-0.5	6.14.22	0740	2	jars	Soil	none	X	
	2206012-02	RB3-2	6.14.22	0745					X	
	2206012-03	RB4-0.5	6.14.22	0820					X	
	2206012-04	RB4-2	6.14.22	0825					X	
	2206012-05	RB5-0.5	6.14.22	0755					X	
	2206012-06	RB5-2	6.14.22	0800					X	
	2206012-07	RB6-0.5	6.14.22	0810					X	
	2206012-08	RB6-2	6.14.22	0815					X	
	2206012-09	RB7-0.5	6.14.22	0835					X	
	2206012-10	RB7-2	6.14.22	0840					X	

Collected By: Jon Bridgeman	Date 6.14.22	Time 0840	Relinquished By:	Date 6.14.22	Time 1535
Relinquished By:	Date	Time	Received For Laboratory Janet Chen	Date 6.14.22	Time 15:35
Received By:	Date	Time	Condition of Sample:		

TAT ☑ Normal ☐ Rush

White - Report, Yellow - Laboratory, Pink - Client

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Environmental Testing Services
2520 N. San Fernando Road, LA, CA 90065 Tel: (323) 223-9700 • Fax: (323) 223-9500

CHAIN OF CUSTODY RECORD

COC# No. 87847 GLOBAL ID _____ E REPORT: ☑ PDF ☐ EDF ☐ EDD ASL JOB# 2206012

Company: Rincon Consultants		Report To: Lauren Roenicke	ANALYSIS REQUESTED
Address: 250 E 1st St	Project Name: Bell Canyon Apt	Address:	Metals by 6010B
	Site Address:	Invoice To:	
Telephone: Fax:		Address:	
Special Instruction:	Project ID: 21-18270		
E-mail: LRoenicke@rinconconsultants.com	Project Manager: Lauren Roenicke	P.O.#:	

ITEM	LAB USE ONLY Lab ID	SAMPLE DESCRIPTION Sample ID	Date	Time	Container(s) #	Type	Matrix	Preservation	Metals by 6010B	Remarks
	2206012-11	RBB-0.5	6-14-22	0855	2	Glass	Soil		X	
	2206012-12	RBB-2	6-14-22	0900	2	Glass	Soil		X	

Collected By: Jon Bridgeman	Date 6-14-22	Time 0840	Relinquished By:	Date 6.14.22	Time 1535
Relinquished By:	Date	Time	Received For Laboratory Janet Chin	Date 6-14-22	Time 15:35
Received By:	Date	Time	Condition of Sample:		

TAT ☑ Normal ☐ Rush

White - Report, Yellow - Laboratory, Pink - Client

Job# 2206012

ASL Sample Receipt Form

Client: Rincon Consultants, Inc

Date: 6-14-2022

Sample Information:

Temperature: 4-8 °C IR Gun # 1 ☐ Blank ☑ Sample

Custody Seal: ☐ Yes ☑ No ☐ Not Available

Received Within Holding Time: ☑ Yes ☐ No

Container:

Proper Containers and Sufficient Volume: ☑ Yes ☐ No

Soil: ☐ 4oz 24 ☑ 8oz ☐ Sleeve ☐ VOA

Water: ☐ 500AG ☐ 1AG ☐ 125PB ☐ 250PB ☐ 500PB ☐ VOA ☐ Other _____

Air: ☐ Tedlar®

Sample Containers Intact: ☑ Yes ☐ No

Trip Blank ☐ Yes ☑ No

Chain-of-Custody (COC):

Received: ☑ Yes ☐ No

Samplers Name: ☑ Yes ☐ No

Container Labels match COC: ☑ Yes ☐ No

COC documents received complete: ☑ Yes ☐ No

Proper Preservation Noted: ☐ Yes ☐ No

No preservative

Completed By: Janet Chin

Molky Brar

From: Lauren Kodama Roenicke <lroenicke@rinconconsultants.com>
Sent: Friday, July 1, 2022 4:47 PM
To: Molky Brar
Subject: STLC on RB-3 at 0.5 feet bgs
Attachments: 2206012 ASL_Final_Report_06212022.pdf

Follow Up Flag: Follow up
Flag Status: Flagged

Hello, Molky—

Can you please run STLC for lead on RB-3-0.5?

Thank you!

Lauren Kodama Roenicke, Project Manager – Due Diligence
(She/Her/Hers)
Rincon Consultants, Inc.
619-204-3985 Mobile | 760-517-9138 Direct
lroenicke@rinconconsultants.com



Rincon Consultants, Inc.
Environmental Scientists | Planners | Engineers

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Ranked 2021 “Best Environmental Services Firm to Work For” by Zweig Group

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2520 N. San Fernando Road, LA CA 90065 Tel: (323) 223-9700 • Fax: (323) 223-9500

Project:	Work Order No:
Project Number:	**Reported:**
Project Manager:	

ANALYTICAL SUMMARY REPORT

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received

CASE NARRATIVE

Sample was subcontracted to AETL.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Amolk Brar, Lab Director

AMERICAN ENVIRONMENTAL TESTING LABORATORY, LLC
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Telephone (888) 288-AETL • (818) 845-8200 • www.aetlab.com

July 18, 2022

AETL Job No: BDG0033
Received Date: 07/07/2022
Project Number: 2206012

American Scientific Laboratories, LLC
2520 N. San Fernando Rd
Los Angeles, CA 90065
Telephone: (323) 223-9700

Attention: Amolk Brar

Project Name: 2206012
Site:

Enclosed please find the results of analyses for samples which were analyzed as specified on the attached chain of custody. If you have any questions concerning this report, please do not hesitate to call.

Checked By: Corey Jones
Project Manager

Approved By: Joe Sevrean
Laboratory Director

Table of Contents

Client Project Name: General Methods Project Number: 2206012
Work Order Number: BDG0033

1	Cover Letter	1
2	Sample Condition on Receipt	3
3	Chain of Custody	4
4	Cooler Receipt Form	5
5	Case Narrative	6
6	Samples Received	7
7	Positive Hits Summary	8
8	Analytical Results	9
9	Quality Control Results	10
10	Qualifiers and Definitions	12

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American Scientific Laboratories, LLC	AETL Job Number:	BDG0033	
2520 N. San Fernando Rd	Project Number:	2206012	
Los Angeles, CA 90065	Attention:	Amolk Brar	
	Project Name:	2206012	Reported: 07/18/2022 17:22

Sample Condition on Receipt

Cooler ID: Default Cooler **Temperature: 2.1 °C**

Are the COCs Correct	Y		
Labels Legible	Y	Containers In Good Condition	Y
COC/Labels Agree	Y	Samples Preserved Properly	Y
Sufficient Sample Volume	Y	Sufficient Holding Time for all Tests	Y
Sample Labels intact	Y	Received on Ice	Y

The contents of this report apply to the sample(s) analyzed in accordance with the chain of custody document.
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CHAIN OF CUSTODY RECORD

115282

AETL JOB No. BDG00033

Page 1 of 1

COMPANY: American Scientific Laboratories
PROJECT MANAGER: Mdby Brar
COMPANY ADDRESS: 2522 N. San Fernando Road
PHONE: 323-223-9706
FAX:
PROJECT NAME:
PROJECT #: 2206012
SITE NAME AND ADDRESS:
PO #:

	SAMPLE ID	LAB ID	DATE	TIME	MATRIX	CONTAINER NUMBER/SIZE	PRES.
1	2206012-01	BDG00033-01	6-14-22	09:40	Soil	80z Jar	None
2							
3							
4							
5							
6							
7							
8							
9							
10							
11							
12							
13							
14							
15							

ANALYSIS REQUESTED

STLC-Lead
✓

TEST INSTRUCTIONS & COMMENTS

SAMPLE RECEIPT - TO BE FILLED BY LABORATORY

TOTAL NUMBER OF CONTAINERS		PROPERLY COOLED Y / N / NA	
CUSTODY SEALS Y / N / NA		SAMPLES INTACT Y/ N / NA	
RECEIVED IN GOOD COND. Y / N		SAMPLES ACCEPTED Y / N	

TURN AROUND TIME

☑ NORMAL ☐ RUSH ☐ SAME DAY ☐ NEXT DAY ☐ 2 DAYS ☐ 3 DAYS

5 Days TAT

DATA DELIVERABLE REQUIRED

☐ HARD COPY
☐ PDF
☐ GEOTRACKER (GLOBAL ID) _____
☐ OTHER (PLEASE SPECIFY) _____

	RELINQUISHED BY SAMPLER: 1.	RELINQUISHED BY: 2.	RELINQUISHED BY: 3.
Signature:			
Printed Name:			
Date: / Time:			7/7/22 / 1:40

	RECEIVED BY: 1.	RECEIVED BY: 2.	RECEIVED BY LABORATORY: 3.
Signature:			AETL
Printed Name:			Loreto Covagoosian
Date: / Time:			7/7/22 / 13:40

DISTRIBUTION: WHITE - Laboratory, CANARY - Laboratory, PINK - Project/Account Manager, YELLOW - Sampler/Originator

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A KYZER LABS COMPANY

COOLER RECEIPT FORM

Client Name: American Scientific Lab

Project Name:

AETL Job Number: BDC0033

Date Received: 07/07/22 Received by: Cereta Ciraqtonsien

Carrier: ☐ AETL Courier ☒ Client ☐ GSL ☐ FedEx ☐ UPS
☐ Others:

Samples were received in: ☒ Cooler (1) ☐ Other (Specify):

Inside temperature of shipping container No 1: 2.1°C, No 2: _____, No 3: _____

Type of sample containers: ☐ VOA, ☐ Glass bottles, ☒ Wide mouth jars, ☐ HDPE bottles, ☐ Metal sleeves, ☐ Others (Specify): _____

How are samples preserved: ☐ None, ☒ Ice, ☐ Blue Ice, ☐ Dry Ice
☒ None, ☐ HNO_3, ☐ NaOH, ☐ ZnOAc, ☐ HCl, ☐ $Na_2S_2O_3$, ☐ MeOH, ☐ $NaHSO_4$
☐ Other (Specify):

	Yes	No*	N/A	Name, if client was notified.
1. Are the COCs Correct?	✓			
2. Are Sample labels legible & indelible ink?	✓			
3. Do samples match the COC?	✓			
4. Are the required analyses clear?	✓			
5. Is there enough samples for required analysis?	✓			
6. Does cooler or samples have custody seal(s)?			✓	
7. Are sample containers in good condition?	✓			
8. Are samples preserved?	✓			
9. Are samples preserved properly for the intended analysis?	✓			
10. Are the VOAs free of headspace?			✓	
11. Are the jars free of headspace?			✓	
* = see note below. N/A = Not Applicable				

PLEASE NOTE ALL SAMPLES WILL BE DISPOSED OF 30 DAYS AFTER RECEIVING DATE. IF AETL IS INFORMED OTHERWISE, THERE WILL BE A STORAGE CHARGE PER SAMPLE PER MONTH FOR ANY SAMPLE HELD BEYOND 30 DAYS.

***Explain all "No" answers for above questions:**

_____

_____

_____

_____

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American Scientific Laboratories, LLC	AETL Job Number:	BDG0033	
2520 N. San Fernando Rd	Project Number:	2206012	
Los Angeles, CA 90065	Attention:	Amolk Brar	
	Project Name:	2206012	Reported: 07/18/2022 17:22

Case Narrative

The following "Sample Received" Section summarizes the samples received and associated analyses requested as specified on the enclosed chain of custody.

Results as reported by the laboratory apply only to 1) the items tested, 2) as the samples are received, and 3) the accuracy of information provided. Information supplied by the customer that may affect validity of results and may be contained in this report include Project Name/Number, Site Location, Sample Locations, Sampling Dates/Times, Sample ID, Sample Preservation, Sample Matrix, Sample Properties, Field Blanks, Field Duplicates, Field Spikes, and Site Historical Data.

Accreditation applies only to the test methods listed on each scope of accreditation held by the laboratory; certifications held by the laboratory may not apply to results supplied in this report.

Unless otherwise noted, all results of soil and solid samples are based on wet weight.

No analytical non-conformances were encountered.

The contents of this report apply to the sample(s) analyzed in accordance with the chain of custody document.
No duplication of this report is allowed, except in its entirety without written approval of the laboratory.

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American Scientific Laboratories, LLC	AETL Job Number:	BDG0033	
2520 N. San Fernando Rd	Project Number:	2206012	
Los Angeles, CA 90065	Attention:	Amolk Brar	
	Project Name:	2206012	Reported: 07/18/2022 17:22

Samples Received

AETL received the following samples on 07/07/2022 with the following specifications

Client ID			Sample Date
2206012-01			06/14/2022 9:40
Lab ID		**Matrix**	**Quantity of Containers**
BDG0033-01		Soil	1

Method	Analyte	Units	TAT
EPA 6010B-STLC	STLC Lead by ICP	mg/L	5

Total Number of Samples received: 1

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American Scientific Laboratories, LLC	AETL Job Number:	BDG0033	
2520 N. San Fernando Rd	Project Number:	2206012	
Los Angeles, CA 90065	Attention:	Amolk Brar	
	Project Name:	2206012	Reported: 07/18/2022 17:22

Positive Hits Summary

Lab ID	Client ID				Sampled
BDG0033-01	2206012-01				06/14/2022 09:40
Method	Analyte	Result	Qualifier	Unit	Analyzed
EPA 6010B-STLC	Lead	3.28		mg/L	07/18/2022 16:06

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American Scientific Laboratories, LLC	AETL Job Number:	BDG0033	
2520 N. San Fernando Rd	Project Number:	2206012	
Los Angeles, CA 90065	Attention:	Amolk Brar	
	Project Name:	2206012	Reported: 07/18/2022 17:22

Analytical Results

Client ID: 2206012-01
Lab ID: BDG0033-01 (Soil) **Sampled:** 06/14/22 9:40

Analyte	Result	Qualifier	Dilution	MDL	RL	Units	Prepared Date/Time	Analyzed Date/Time	Batch	Analyst Initials	Prep. Method
STLC Analysis											
Method: EPA 6010B-STLC											
Lead	**3.28**		1	0.300	0.600	mg/L	07/13/22 17:39	07/18/22 16:06	B2G0301	AP	Title 22

The contents of this report apply to the sample(s) analyzed in accordance with the chain of custody document.
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American Scientific Laboratories, LLC	AETL Job Number:	BDG0033	
2520 N. San Fernando Rd	Project Number:	2206012	
Los Angeles, CA 90065	Attention:	Amolk Brar	
	Project Name:	2206012	Reported: 07/18/2022 17:22

Quality Control Results

STLC Analysis (EPA 6010B-STLC)

Analyte	Result	MDL	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch: B2G0301 - Title 22					**Prepared: 07/13/2022 17:39**						
Method Blank (B2G0301-BLK1)					**Analyzed: 07/18/2022 15:57**						
Lead	ND	0.300	0.600	mg/L							

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American Scientific Laboratories, LLC	AETL Job Number:	BDG0033	
2520 N. San Fernando Rd	Project Number:	2206012	
Los Angeles, CA 90065	Attention:	Amolk Brar	
	Project Name:	2206012	Reported: 07/18/2022 17:22

Quality Control Results

STLC Analysis (EPA 6010B-STLC)

Analyte	Result	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch: B2G0301 - Title 22 (Continued)				**Prepared: 07/13/2022 17:39**						
LCS (B2G0301-BS1)				**Analyzed: 07/18/2022 16:00**						
Lead	19.0	0.600	mg/L	20.0		94.8	75-125			
LCSD (B2G0301-BSD1)				**Analyzed: 07/18/2022 16:03**						
Lead	19.0	0.600	mg/L	20.0		94.9	75-125	<1.00	15	
Duplicate (B2G0301-DUP1)		**Source: BDG0033-01**		**Analyzed: 07/18/2022 17:01**						
Lead	3.23	0.0100	0.0500 mg/L		3.28			1.47	15	

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A KYZER LABS COMPANY

American Scientific Laboratories, LLC	AETL Job Number:	BDG0033	
2520 N. San Fernando Rd	Project Number:	2206012	
Los Angeles, CA 90065	Attention:	Amolk Brar	
	Project Name:	2206012	Reported: 07/18/2022 17:22

Qualifiers and Definitions

Item	Definitions
% wt	Percent Weight
%REC	Percent Recovery
°F	Degrees Fahrenheit
AETL	American Environmental Testing Laboratory, LLC
C	Carbon
CARB	California Air Resources Board
COC	Chain of Custody
CRM	Certified Reference Material
DPD	Department of Planning and Development
DRO	Diesel Range Organics
Dup	Duplicate
ELAP	Environmental Laboratory Accreditation Program
EPA	Environmental Protection Agency
GC/FID	Gas Chromatography Flame Ionization Detection
GRO	Gasoline Range Organics
HC	Hydrocarbon
HEM	Hexane Extractable Material
HMU	Hazardous Material Unit
ICP/MS	Inductively Coupled Plasma Mass Spectrometry
LACSD	Los Angeles County Sanitation Districts
LCS	Laboratory Control Sample - A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes.
LCSD	Laboratory Control Sample Duplicate - A replicate of Laboratory Control Sample.
LOQ	Limit of Quantitation
MDL	Method Detection Limit - The minimum measured concentration of a substance that can be reported with 99% confidence. MDL is statistically derived number which is specific for each instrument, each method and each compound.
mg/kg	Miligrams per Kilogram
mg/L	Miligrams per Liter
ml/L/hr	Milliliter per Liter per Hour
MRO	Motor oil Range Organics
MS	Matrix Spike - A sample prepared, taken through all sample preparation and analytical steps of the procedure and analyzed as an independent test results.
MSD	Matrix Spike Duplicate - A replicate of Matrix Spike Sample.
N	No
ND	Analyte is not detected below Method Detection Limit.
ng/m3	Nanograms per cubic meter
NIOSH	National Institute for Occupational Safety and Health

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American Scientific Laboratories, LLC	AETL Job Number:	BDG0033	
2520 N. San Fernando Rd	Project Number:	2206012	
Los Angeles, CA 90065	Attention:	Amolk Brar	
	Project Name:	2206012	Reported: 07/18/2022 17:22

nL/L	Nanoliters per Liter
NTU	Nephelometric Turbidity Units
Ohm-cm	Ohms per centimeter
ORO	Oil Range Organics
OSHA	Occupational Safety and Health Administration
PCB	Polychlorinated Biphenyl
PSU	Practical Salinity Unit
RL	Reporting Limit - The lowest concentration at which an analyte can be detected in a sample and its concentration can be reported with a specified degree of confidence, accuracy and precision. For usage at AETL, RL is equivalant to LOQ.
RPD	Relative Percent Difference
SIM	Selective Ion Monitoring
SM	Standard Method
SPLP	Synthetic Precipitation Leaching Procedure
STLC	Soluble Threshold Limit Concentration
TCLP	Toxicity Characteristic Leaching Procedure
TPH	Total Petroleum Hydrocarbons
TTLC	Total Threshold Limit Concentrations
ug/kg	Micrograms per Kilogram
ug/L	Micrograms per Liter
ug/m3	Micrograms per cubic meter
WET	Waste Extraction Test
Y	Yes
ZHE	Zero Headspace Extraction

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American Scientific Laboratories, LLC
Environmental Testing Services
2520 N. San Fernando Road, LA CA 90065 Tel: (323) 223-9700 • Fax: (323) 223-9500

21 June 2022

Lauren Kodama Roenicke

Rincon Consultants, Inc. LA

250 E. 1st Street

Los Angeles, CA 90026

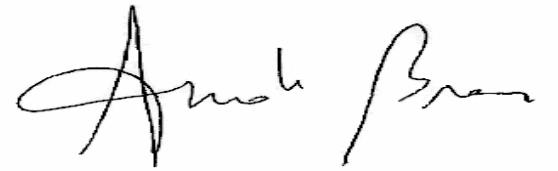
Work Order #: 2206012

Project Name: Bell Oasis Apt.

Project ID: 21-12270

Site Address: Los Angeles, CA

Enclosed are the results of analyses for samples received by the laboratory on June 14, 2022. If you have any questions concerning this report, please feel free to contact us.



Molky Brar

Laboratory Director

American Scientific Laboratories, LLC (ASL) accepts sample materials from clients for analysis with the assumption that all of the information provided to ASL verbally or in writing by our clients (and/or their agents), regarding samples being submitted to ASL, is complete and accurate. ASL accepts all samples subject to the following conditions:

1) ASL is not responsible for verifying any client-provided information regarding any samples submitted to the laboratory.
2) ASL is not responsible for any consequences resulting from any inaccuracies , omissions, or misrepresentations contained in client-provided information regarding samples submitted to the laboratory.

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Environmental Testing Services
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COC# 91849 GLOBAL ID _____ E REPORT: ☑ PDF ☐ EDF ☐ EDD ASL JOB# 2206012

CHAIN OF CUSTODY RECORD

Company: Rincon Consultants		Report To: Lauren Roenicke	ANALYSIS REQUESTED
Address: 250 ~~1st E~~ 1st St	Project Name: Bell Oasis Apt.	Address:	
Los Angeles	Site Address: K Street, Los Angeles, CA	Invoice To:	
Telephone: Fax:		Address:	
Special Instruction:	Project ID: 21-12270		
E-mail: lroenicke@rinconconsultants.com	Project Manager: Lauren Roenicke	P.O.#:	

ITEM	LAB USE ONLY Lab ID	SAMPLE DESCRIPTION Sample ID	Date	Time	Container(s) #	Container(s) Type	Matrix	Preservation	Metals by 6010B	Remarks
	2206012-01	RB3-0.5	6.14.22	0740	2	jars	Soil	none	X	
	2206012-02	RB3-2	6.14.22	0745					X	
	2206012-03	RB4-0.5	6.14.22	0820					X	
	2206012-04	RB4-2	6.14.22	0825					X	
	2206012-05	RB5-0.5	6.14.22	0755					X	
	2206012-06	RB5-2	6.14.22	0800					X	
	2206012-07	RB6-0.5	6.14.22	0810					X	
	2206012-08	RB6-2	6.14.22	0815					X	
	2206012-09	RB7-0.5	6.14.22	0835					X	
	2206012-10	RB7-2	6.14.22	0840					X	

Collected By: Jon Bridgman	Date 6.14.22	Time 0840	Relinquished By:	Date 6.14.22	Time 1535
Relinquished By:	Date	Time	Received For Laboratory: Janet Chen	Date 6.14.22	Time 15:35
Received By:	Date	Time	Condition of Sample:		

TAT ☑ Normal ☐ Rush

White - Report, **Yellow** - Laboratory, **Pink** - Client

AMERICAN SCIENTIFIC LABORATORIES, LLC
Environmental Testing Services
2520 N. San Fernando Road, LA, CA 90065 Tel: (323) 223-9700 • Fax: (323) 223-9500

CHAIN OF CUSTODY RECORD

COC# No. 87847 GLOBAL ID _____ E REPORT: ☑ PDF ☐ EDF ☐ EDD ASL JOB# 2206012

Company: Rincon Consultants		Report To: Lauren Roenicke	ANALYSIS REQUESTED
Address: 250 E 1st St	Project Name: Bell Class Apt	Address:	Metals by 6010B
	Site Address:	Invoice To:	
Telephone: Fax:		Address:	
Special Instruction:	Project ID: 21-18270		
E-mail: LRoenicke@rinconconsultants.com	Project Manager: Lauren Roenicke	P.O.#:	

ITEM	LAB USE ONLY Lab ID	SAMPLE DESCRIPTION Sample ID	Date	Time	Container(s) #	Type	Matrix	Preservation	Metals by 6010B	Remarks
	2206012-11	RBB-0.5	6-14-22	0855	2	Glass	Soil		X	
	2206012-12	RBB-2	6-14-22	0900	2	Glass	Soil		X	

Collected By: Jon Bridgeman	Date 6-14-22	Time 0840	Relinquished By:	Date 6.14.22	Time 1535
Relinquished By:	Date	Time	Received For Laboratory Janet Chin	Date 6-14-22	Time 15:35
Received By:	Date	Time	Condition of Sample:		

TAT ☑ Normal ☐ Rush

White - Report, Yellow - Laboratory, Pink - Client

Job# 2206012

ASL Sample Receipt Form

Client: Rincon Consultants, Inc

Date: 6-14-2022

Sample Information:

Temperature: 4-8 °C IR Gun # 1 ☐ Blank ☑ Sample

Custody Seal: ☐ Yes ☑ No ☐ Not Available

Received Within Holding Time: ☑ Yes ☐ No

Container:

Proper Containers and Sufficient Volume: ☑ Yes ☐ No

Soil: ☐ 4oz ☑ 8oz ☐ Sleeve ☐ VOA

Water: ☐ 500AG ☐ 1AG ☐ 125PB ☐ 250PB ☐ 500PB ☐ VOA ☐ Other _____

Air: ☐ Tedlar®

Sample Containers Intact: ☑ Yes ☐ No

Trip Blank ☐ Yes ☑ No

Chain-of-Custody (COC):

Received: ☑ Yes ☐ No

Samplers Name: ☑ Yes ☐ No

Container Labels match COC: ☑ Yes ☐ No

COC documents received complete: ☑ Yes ☐ No

Proper Preservation Noted: ☐ Yes ☐ No

No preservative

Completed By: Janet Chin

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Environmental Testing Services
2520 N. San Fernando Road, LA CA 90065 Tel: (323) 223-9700 • Fax: (323) 223-9500

Project:	Work Order No:
Project Number:	**Reported:**
Project Manager:	

ANALYTICAL SUMMARY REPORT

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received

CASE NARRATIVE

Samples were subcontracted to Pace Analytical (BC Laboratories).

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Amolk Brar, Lab Director

Date of Report: 06/21/2022

Molky Brar

American Scientific Laboratories
2520 North San Fernando
Los Angeles, CA 90065

Client Project:	2206012
BCL Project:	Solid
BCL Work Order:	2214009
Invoice ID:	B451671

Enclosed are the results of analyses for samples received by the laboratory on 6/15/2022. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Contact Person: Vanessa Sandoval
Client Service Rep

Stuart Buttram
Operations Manager

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Table of Contents

Sample Information

Chain of Custody and Cooler Receipt form 3
Laboratory / Client Sample Cross Reference 17

Sample Results

2214009-01 - 2206012-01
Total Concentrations (TTLC) 19
2214009-02 - 2206012-02
Total Concentrations (TTLC) 20
2214009-03 - 2206012-03
Total Concentrations (TTLC) 21
2214009-04 - 2206012-04
Total Concentrations (TTLC) 22
2214009-05 - 2206012-05
Total Concentrations (TTLC) 23
2214009-06 - 2206012-06
Total Concentrations (TTLC) 24
2214009-07 - 2206012-07
Total Concentrations (TTLC) 25
2214009-08 - 2206012-08
Total Concentrations (TTLC) 26
2214009-09 - 2206012-09
Total Concentrations (TTLC) 27
2214009-10 - 2206012-10
Total Concentrations (TTLC) 28
2214009-11 - 2206012-11
Total Concentrations (TTLC) 29
2214009-12 - 2206012-12
Total Concentrations (TTLC) 30

Quality Control Reports

Total Concentrations (TTLC)
Method Blank Analysis 31
Laboratory Control Sample 32
Precision and Accuracy 33

Notes

Notes and Definitions 35

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SUBCONTRACT ORDER

American Scientific Laboratories

22-14009

2206012

RUSH!

SENDING LABORATORY:

American Scientific Laboratories
2520 N San Fernando Road
Los Angeles, CA 90065
Phone: (323) 223-9700
Fax: (323) 223-9500
Project Manager: Amolk Brar

RECEIVING LABORATORY:

BC Laboratories, Inc.
4100 Atlas Court
Bakersfield, CA 93308
Phone :(661) 327-4911
Fax:

Analysis	Due	Expires	Laboratory ID	Comments
Sample ID: 2206012-01	**Solid**	**Sampled:06/14/2022 07:40**		5 Days TAT
Copper, Total 6010B	06/21/2022 16:00	12/11/2022 07:40		Total-12 samples
Zinc, Total 6010B	06/21/2022 16:00	12/11/2022 07:40		
Vanadium, Total 6010B	06/21/2022 16:00	12/11/2022 07:40		
Silver, Total 6010B	06/21/2022 16:00	12/11/2022 07:40		
Antimony, Total 6010B	06/21/2022 16:00	12/11/2022 07:40		
Lead, Total 6010B	06/21/2022 16:00	12/11/2022 07:40		
Cobalt, Total 6010B	06/21/2022 16:00	12/11/2022 07:40		
Selenium, Total 6010B	06/21/2022 16:00	12/11/2022 07:40		
Berylium, Total 6010B	06/21/2022 16:00	12/11/2022 07:40		
Thallium, Total 6010B	06/21/2022 16:00	12/11/2022 07:40		
Barium, Total 6010B	06/21/2022 16:00	12/11/2022 07:40		
Nickel, Total 6010B	06/21/2022 16:00	12/11/2022 07:40		
Cadmium, Total 6010B	06/21/2022 16:00	12/11/2022 07:40		
Chromium, Total 6010B	06/21/2022 16:00	12/11/2022 07:40		
Mercury, Total 7471A	06/21/2022 16:00	07/12/2022 07:40		
Molybdenum, Total 6010B	06/21/2022 16:00	12/11/2022 07:40		
Arsenic, Total 6010B	06/21/2022 16:00	12/11/2022 07:40		
Containers Supplied:				

CHK BY 22

DISTRIBUTION
SUB-OUT

Janet Chin	6-15-2022	Miguel A Chore	6/15/22 12:30
Released By	Date	Received By	Date
Miguel A Chore	6/15/22 6:30		6/15/22 1830
Released By	Date	Received By	Date

Page 1 of 12

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American Scientific Laboratories

22-14009 **2206012**

Analysis	Due	Expires	Laboratory ID	Comments
2				
Sample ID: 2206012-02	**Solid**	**Sampled:06/14/2022 07:45**		
Lead, Total 6010B	06/21/2022 16:00	12/11/2022 07:45		
Nickel, Total 6010B	06/21/2022 16:00	12/11/2022 07:45		
Zinc, Total 6010B	06/21/2022 16:00	12/11/2022 07:45		
Vanadium, Total 6010B	06/21/2022 16:00	12/11/2022 07:45		
Thallium, Total 6010B	06/21/2022 16:00	12/11/2022 07:45		
Silver, Total 6010B	06/21/2022 16:00	12/11/2022 07:45		
Selenium, Total 6010B	06/21/2022 16:00	12/11/2022 07:45		
Molybdenum, Total 6010B	06/21/2022 16:00	12/11/2022 07:45		
Barium, Total 6010B	06/21/2022 16:00	12/11/2022 07:45		
Copper, Total 6010B	06/21/2022 16:00	12/11/2022 07:45		
Arsenic, Total 6010B	06/21/2022 16:00	12/11/2022 07:45		
Berylium, Total 6010B	06/21/2022 16:00	12/11/2022 07:45		
Cadmium, Total 6010B	06/21/2022 16:00	12/11/2022 07:45		
Mercury, Total 7471A	06/21/2022 16:00	07/12/2022 07:45		
Chromium, Total 6010B	06/21/2022 16:00	12/11/2022 07:45		
Cobalt, Total 6010B	06/21/2022 16:00	12/11/2022 07:45		
Antimony, Total 6010B	06/21/2022 16:00	12/11/2022 07:45		
Containers Supplied:				

15

	6-15-2022	Miguel A Chavez	6/15/22	12:30
Released By	Date	Received By	Date	
Miguel A Chavez	6/15/22	6:30		6/15/22	1830
Released By	Date		Received By	Date	

Page 2 of 12

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American Scientific Laboratories

22-14009 **2206012**

Analysis	Due	Expires	Laboratory ID	Comments
Sample ID: 2206012-03	**Solid**	**Sampled:06/14/2022 08:20**		
Vanadium, Total 6010B	06/21/2022 16:00	12/11/2022 08:20		
Cobalt, Total 6010B	06/21/2022 16:00	12/11/2022 08:20		
Thallium, Total 6010B	06/21/2022 16:00	12/11/2022 08:20		
Silver, Total 6010B	06/21/2022 16:00	12/11/2022 08:20		
Selenium, Total 6010B	06/21/2022 16:00	12/11/2022 08:20		
Nickel, Total 6010B	06/21/2022 16:00	12/11/2022 08:20		
Molybdenum, Total 6010B	06/21/2022 16:00	12/11/2022 08:20		
Mercury, Total 7471A	06/21/2022 16:00	07/12/2022 08:20		
Zinc, Total 6010B	06/21/2022 16:00	12/11/2022 08:20		
Chromium, Total 6010B	06/21/2022 16:00	12/11/2022 08:20		
Cadmium, Total 6010B	06/21/2022 16:00	12/11/2022 08:20		
Berylium, Total 6010B	06/21/2022 16:00	12/11/2022 08:20		
Barium, Total 6010B	06/21/2022 16:00	12/11/2022 08:20		
Arsenic, Total 6010B	06/21/2022 16:00	12/11/2022 08:20		
Antimony, Total 6010B	06/21/2022 16:00	12/11/2022 08:20		
Copper, Total 6010B	06/21/2022 16:00	12/11/2022 08:20		
Lead, Total 6010B	06/21/2022 16:00	12/11/2022 08:20		
Containers Supplied:				

Released By	6-15-2022 Date	Received By	6/15/22 12:30 Date
Released By	6/15/22 6:30 Date	Received By	6/15/22 1830 Date

Page 3 of 12

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American Scientific Laboratories

22-14009 **2206012**

Analysis	Due	Expires	Laboratory ID	Comments
Sample ID: 2206012-04	**Solid**	**Sampled:06/14/2022 08:25**		
Cadmium, Total 6010B	06/21/2022 16:00	12/11/2022 08:25		
Chromium, Total 6010B	06/21/2022 16:00	12/11/2022 08:25		
Cobalt, Total 6010B	06/21/2022 16:00	12/11/2022 08:25		
Copper, Total 6010B	06/21/2022 16:00	12/11/2022 08:25		
Thallium, Total 6010B	06/21/2022 16:00	12/11/2022 08:25		
Vanadium, Total 6010B	06/21/2022 16:00	12/11/2022 08:25		
Berylium, Total 6010B	06/21/2022 16:00	12/11/2022 08:25		
Zinc, Total 6010B	06/21/2022 16:00	12/11/2022 08:25		
Nickel, Total 6010B	06/21/2022 16:00	12/11/2022 08:25		
Antimony, Total 6010B	06/21/2022 16:00	12/11/2022 08:25		
Barium, Total 6010B	06/21/2022 16:00	12/11/2022 08:25		
Lead, Total 6010B	06/21/2022 16:00	12/11/2022 08:25		
Arsenic, Total 6010B	06/21/2022 16:00	12/11/2022 08:25		
Molybdenum, Total 6010B	06/21/2022 16:00	12/11/2022 08:25		
Silver, Total 6010B	06/21/2022 16:00	12/11/2022 08:25		
Selenium, Total 6010B	06/21/2022 16:00	12/11/2022 08:25		
Mercury, Total 7471A	06/21/2022 16:00	07/12/2022 08:25		
Containers Supplied:				

Released By	6-15-2022 Date	Received By	6/15/22 12:39 Date
Released By	6/15/22 0:30 Date	Received By	6/15/22 1830 Date

Page 4 of 12

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American Scientific Laboratories

22-14009 **2206012**

Analysis	Due	Expires	Laboratory ID	Comments
Sample ID: 2206012-05	**Solid**	**Sampled:06/14/2022 07:55**		
Chromium, Total 6010B	06/21/2022 16:00	12/11/2022 07:55		
Mercury, Total 7471A	06/21/2022 16:00	07/12/2022 07:55		
Arsenic, Total 6010B	06/21/2022 16:00	12/11/2022 07:55		
Antimony, Total 6010B	06/21/2022 16:00	12/11/2022 07:55		
Molybdenum, Total 6010B	06/21/2022 16:00	12/11/2022 07:55		
Cobalt, Total 6010B	06/21/2022 16:00	12/11/2022 07:55		
Selenium, Total 6010B	06/21/2022 16:00	12/11/2022 07:55		
Silver, Total 6010B	06/21/2022 16:00	12/11/2022 07:55		
Zinc, Total 6010B	06/21/2022 16:00	12/11/2022 07:55		
Vanadium, Total 6010B	06/21/2022 16:00	12/11/2022 07:55		
Nickel, Total 6010B	06/21/2022 16:00	12/11/2022 07:55		
Barium, Total 6010B	06/21/2022 16:00	12/11/2022 07:55		
Berylium, Total 6010B	06/21/2022 16:00	12/11/2022 07:55		
Cadmium, Total 6010B	06/21/2022 16:00	12/11/2022 07:55		
Lead, Total 6010B	06/21/2022 16:00	12/11/2022 07:55		
Copper, Total 6010B	06/21/2022 16:00	12/11/2022 07:55		
Thallium, Total 6010B	06/21/2022 16:00	12/11/2022 07:55		
Containers Supplied:				

Released By	6-15-2022 Date	Received By	6/15/22 12:30 Date
Released By	6/15/22 6:30 Date	Received By	6/15/22 1830 Date

Page 5 of 12

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22-14009 **2206012**

Analysis	Due	Expires	Laboratory ID	Comments
16				
Sample ID: 2206012-06	**Solid**	**Sampled:06/14/2022 08:00**		
Cadmium, Total 6010B	06/21/2022 16:00	12/11/2022 08:00		
Chromium, Total 6010B	06/21/2022 16:00	12/11/2022 08:00		
Arsenic, Total 6010B	06/21/2022 16:00	12/11/2022 08:00		
Cobalt, Total 6010B	06/21/2022 16:00	12/11/2022 08:00		
Copper, Total 6010B	06/21/2022 16:00	12/11/2022 08:00		
Molybdenum, Total 6010B	06/21/2022 16:00	12/11/2022 08:00		
Antimony, Total 6010B	06/21/2022 16:00	12/11/2022 08:00		
Mercury, Total 7471A	06/21/2022 16:00	07/12/2022 08:00		
Zinc, Total 6010B	06/21/2022 16:00	12/11/2022 08:00		
Vanadium, Total 6010B	06/21/2022 16:00	12/11/2022 08:00		
Thallium, Total 6010B	06/21/2022 16:00	12/11/2022 08:00		
Silver, Total 6010B	06/21/2022 16:00	12/11/2022 08:00		
Selenium, Total 6010B	06/21/2022 16:00	12/11/2022 08:00		
Nickel, Total 6010B	06/21/2022 16:00	12/11/2022 08:00		
Berylium, Total 6010B	06/21/2022 16:00	12/11/2022 08:00		
Barium, Total 6010B	06/21/2022 16:00	12/11/2022 08:00		
Lead, Total 6010B	06/21/2022 16:00	12/11/2022 08:00		
Containers Supplied:				

Released By	6-15-2022 Date	Miguel A Chavez Received By	6/15/22 12:30 Date
Miguel A Chavez Released By	6/15/22 6:30 Date	Received By	6/15/22 1830 Date

Page 6 of 12

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American Scientific Laboratories

22-14009 **2206012**

Analysis	Due	Expires	Laboratory ID	Comments
-7				
Sample ID: 2206012-07	**Solid**	**Sampled:06/14/2022 08:10**		
Nickel, Total 6010B	06/21/2022 16:00	12/11/2022 08:10		
Antimony, Total 6010B	06/21/2022 16:00	12/11/2022 08:10		
Zinc, Total 6010B	06/21/2022 16:00	12/11/2022 08:10		
Vanadium, Total 6010B	06/21/2022 16:00	12/11/2022 08:10		
Thallium, Total 6010B	06/21/2022 16:00	12/11/2022 08:10		
Selenium, Total 6010B	06/21/2022 16:00	12/11/2022 08:10		
Molybdenum, Total 6010B	06/21/2022 16:00	12/11/2022 08:10		
Mercury, Total 7471A	06/21/2022 16:00	07/12/2022 08:10		
Berylium, Total 6010B	06/21/2022 16:00	12/11/2022 08:10		
Silver, Total 6010B	06/21/2022 16:00	12/11/2022 08:10		
Barium, Total 6010B	06/21/2022 16:00	12/11/2022 08:10		
Lead, Total 6010B	06/21/2022 16:00	12/11/2022 08:10		
Cadmium, Total 6010B	06/21/2022 16:00	12/11/2022 08:10		
Chromium, Total 6010B	06/21/2022 16:00	12/11/2022 08:10		
Cobalt, Total 6010B	06/21/2022 16:00	12/11/2022 08:10		
Copper, Total 6010B	06/21/2022 16:00	12/11/2022 08:10		
Arsenic, Total 6010B	06/21/2022 16:00	12/11/2022 08:10		
Containers Supplied:				

Released By	6-15-2022 Date	Received By	6/15/22 12:30 Date
Released By	6/15/22 6:30 Date	Received By	6/15/22 1830 Date

Page 7 of 12

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SUBCONTRACT ORDER

American Scientific Laboratories

22-14009 **2206012**

Analysis	Due	Expires	Laboratory ID	Comments
-8				
Sample ID: 2206012-08	**Solid**	**Sampled:06/14/2022 08:15**		
Copper, Total 6010B	06/21/2022 16:00	12/11/2022 08:15		
Molybdenum, Total 6010B	06/21/2022 16:00	12/11/2022 08:15		
Zinc, Total 6010B	06/21/2022 16:00	12/11/2022 08:15		
Vanadium, Total 6010B	06/21/2022 16:00	12/11/2022 08:15		
Thallium, Total 6010B	06/21/2022 16:00	12/11/2022 08:15		
Silver, Total 6010B	06/21/2022 16:00	12/11/2022 08:15		
Nickel, Total 6010B	06/21/2022 16:00	12/11/2022 08:15		
Lead, Total 6010B	06/21/2022 16:00	12/11/2022 08:15		
Arsenic, Total 6010B	06/21/2022 16:00	12/11/2022 08:15		
Selenium, Total 6010B	06/21/2022 16:00	12/11/2022 08:15		
Cobalt, Total 6010B	06/21/2022 16:00	12/11/2022 08:15		
Antimony, Total 6010B	06/21/2022 16:00	12/11/2022 08:15		
Barium, Total 6010B	06/21/2022 16:00	12/11/2022 08:15		
Berylium, Total 6010B	06/21/2022 16:00	12/11/2022 08:15		
Mercury, Total 7471A	06/21/2022 16:00	07/12/2022 08:15		
Cadmium, Total 6010B	06/21/2022 16:00	12/11/2022 08:15		
Chromium, Total 6010B	06/21/2022 16:00	12/11/2022 08:15		
Containers Supplied:				

Released By	6-15-2022 Date	Miguel A Cruz	Received By	6/15/22 Date	12:30
Miguel A Cruz Released By	6/15/22 Date	6:30	Received By	6/15/22 Date	1830

Page 8 of 12

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SUBCONTRACT ORDER

American Scientific Laboratories

22-14009 **2206012**

Analysis	Due	Expires	Laboratory ID	Comments
-9				
Sample ID: 2206012-09	**Solid**	**Sampled:06/14/2022 08:35**		
Vanadium, Total 6010B	06/21/2022 16:00	12/11/2022 08:35		
Cobalt, Total 6010B	06/21/2022 16:00	12/11/2022 08:35		
Silver, Total 6010B	06/21/2022 16:00	12/11/2022 08:35		
Selenium, Total 6010B	06/21/2022 16:00	12/11/2022 08:35		
Nickel, Total 6010B	06/21/2022 16:00	12/11/2022 08:35		
Molybdenum, Total 6010B	06/21/2022 16:00	12/11/2022 08:35		
Copper, Total 6010B	06/21/2022 16:00	12/11/2022 08:35		
Thallium, Total 6010B	06/21/2022 16:00	12/11/2022 08:35		
Cadmium, Total 6010B	06/21/2022 16:00	12/11/2022 08:35		
Berylium, Total 6010B	06/21/2022 16:00	12/11/2022 08:35		
Barium, Total 6010B	06/21/2022 16:00	12/11/2022 08:35		
Arsenic, Total 6010B	06/21/2022 16:00	12/11/2022 08:35		
Antimony, Total 6010B	06/21/2022 16:00	12/11/2022 08:35		
Mercury, Total 7471A	06/21/2022 16:00	07/12/2022 08:35		
Chromium, Total 6010B	06/21/2022 16:00	12/11/2022 08:35		
Lead, Total 6010B	06/21/2022 16:00	12/11/2022 08:35		
Zinc, Total 6010B	06/21/2022 16:00	12/11/2022 08:35		
Containers Supplied:				

Released By	6-15-2022 Date	Miguel A Chavez Received By	6/15/22 12:30 Date
Miguel A Chavez Released By	6/15/22 6:30 Date	Received By	6/4/22 1830 Date

Page 9 of 12

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AMERICAN SCIENTIFIC LABORATORIES, LLC
Environmental Testing Services
2520 N. San Fernando Road, LA, CA 90065 Tel: (323) 223-9700 • Fax: (323) 223-9500

SUBCONTRACT ORDER

American Scientific Laboratories

22-14009 **2206012**

Analysis	Due	Expires	Laboratory ID	Comments
-10				
Sample ID: 2206012-10	**Solid**	**Sampled:06/14/2022 08:40**		
Mercury, Total 7471A	06/21/2022 16:00	07/12/2022 08:40		
Molybdenum, Total 6010B	06/21/2022 16:00	12/11/2022 08:40		
Nickel, Total 6010B	06/21/2022 16:00	12/11/2022 08:40		
Selenium, Total 6010B	06/21/2022 16:00	12/11/2022 08:40		
Silver, Total 6010B	06/21/2022 16:00	12/11/2022 08:40		
Thallium, Total 6010B	06/21/2022 16:00	12/11/2022 08:40		
Zinc, Total 6010B	06/21/2022 16:00	12/11/2022 08:40		
Vanadium, Total 6010B	06/21/2022 16:00	12/11/2022 08:40		
Copper, Total 6010B	06/21/2022 16:00	12/11/2022 08:40		
Cobalt, Total 6010B	06/21/2022 16:00	12/11/2022 08:40		
Chromium, Total 6010B	06/21/2022 16:00	12/11/2022 08:40		
Cadmium, Total 6010B	06/21/2022 16:00	12/11/2022 08:40		
Berylium, Total 6010B	06/21/2022 16:00	12/11/2022 08:40		
Barium, Total 6010B	06/21/2022 16:00	12/11/2022 08:40		
Antimony, Total 6010B	06/21/2022 16:00	12/11/2022 08:40		
Lead, Total 6010B	06/21/2022 16:00	12/11/2022 08:40		
Arsenic, Total 6010B	06/21/2022 16:00	12/11/2022 08:40		
Containers Supplied:				

Released By	6-15-2022 Date	Miguel A Chavez Received By	6/15/22 Date	17:30	
Miguel A Chavez Released By	6/15/22 Date	6:30 Received By	6/15/22 Date	1830	

Page 10 of 12

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Environmental Testing Services
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SUBCONTRACT ORDER

American Scientific Laboratories

22-14009

2206012

Analysis	Due	Expires	Laboratory ID	Comments
Sample ID: 2206012-11	**Solid**	**Sampled:06/14/2022 08:55**		
Zinc, Total 6010B	06/21/2022 16:00	12/11/2022 08:55		
Beryllium, Total 6010B	06/21/2022 16:00	12/11/2022 08:55		
Chromium, Total 6010B	06/21/2022 16:00	12/11/2022 08:55		
Copper, Total 6010B	06/21/2022 16:00	12/11/2022 08:55		
Barium, Total 6010B	06/21/2022 16:00	12/11/2022 08:55		
Vanadium, Total 6010B	06/21/2022 16:00	12/11/2022 08:55		
Cadmium, Total 6010B	06/21/2022 16:00	12/11/2022 08:55		
Lead, Total 6010B	06/21/2022 16:00	12/11/2022 08:55		
Molybdenum, Total 6010B	06/21/2022 16:00	12/11/2022 08:55		
Cobalt, Total 6010B	06/21/2022 16:00	12/11/2022 08:55		
Arsenic, Total 6010B	06/21/2022 16:00	12/11/2022 08:55		
Mercury, Total 7471A	06/21/2022 16:00	07/12/2022 08:55		
Nickel, Total 6010B	06/21/2022 16:00	12/11/2022 08:55		
Selenium, Total 6010B	06/21/2022 16:00	12/11/2022 08:55		
Silver, Total 6010B	06/21/2022 16:00	12/11/2022 08:55		
Thallium, Total 6010B	06/21/2022 16:00	12/11/2022 08:55		
Antimony, Total 6010B	06/21/2022 16:00	12/11/2022 08:55		
Containers Supplied:				

Released By	Date	Received By	Date
6-15-2022		Miguela Chavez	6/15/22 12:30
Miguela Chavez	6/15/22 6:30		6/15/22 1830
Released By	Date	Received By	Date

Page 11 of 12

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SUBCONTRACT ORDER

American Scientific Laboratories

22-14009 **2206012**

Analysis	Due	Expires	Laboratory ID	Comments
-12				
Sample ID: 2206012-12	**Solid**	**Sampled:06/14/2022 09:00**		
Barium, Total 6010B	06/21/2022 16:00	12/11/2022 09:00		
Lead, Total 6010B	06/21/2022 16:00	12/11/2022 09:00		
Silver, Total 6010B	06/21/2022 16:00	12/11/2022 09:00		
Selenium, Total 6010B	06/21/2022 16:00	12/11/2022 09:00		
Vanadium, Total 6010B	06/21/2022 16:00	12/11/2022 09:00		
Nickel, Total 6010B	06/21/2022 16:00	12/11/2022 09:00		
Molybdenum, Total 6010B	06/21/2022 16:00	12/11/2022 09:00		
Thallium, Total 6010B	06/21/2022 16:00	12/11/2022 09:00		
Copper, Total 6010B	06/21/2022 16:00	12/11/2022 09:00		
Cobalt, Total 6010B	06/21/2022 16:00	12/11/2022 09:00		
Chromium, Total 6010B	06/21/2022 16:00	12/11/2022 09:00		
Berylium, Total 6010B	06/21/2022 16:00	12/11/2022 09:00		
Arsenic, Total 6010B	06/21/2022 16:00	12/11/2022 09:00		
Antimony, Total 6010B	06/21/2022 16:00	12/11/2022 09:00		
Mercury, Total 7471A	06/21/2022 16:00	07/12/2022 09:00		
Zinc, Total 6010B	06/21/2022 16:00	12/11/2022 09:00		
Cadmium, Total 6010B	06/21/2022 16:00	12/11/2022 09:00		
Containers Supplied:				

Released By	6-15-2022 Date	Miguel A Chavez Received By	6/15/22 17:30 Date
Miguel A Chavez Released By	6/15/22 6:30 Date	Received By	6/15/22 1930 Date

Page 12 of 12

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PACE ANALYTICAL — COOLER RECEIPT FORM — Page 1 Of 2

Submission #: 22-14009

SHIPPING INFORMATION
Fed Ex ☐ UPS ☐ GSO / GLS ☐ Hand Delivery ☐
Pace Lab Field Service ☑ Other ☐ (Specify)_____

SHIPPING CONTAINER
Ice Chest ☑ None ☐ Box ☐
Other ☐ (Specify)_____

FREE LIQUID
YES ☑ NO ☐
(W) / S

Refrigerant: Ice ☑ Blue Ice ☐ None ☐ Other ☐ Comments:

Custody Seals: Ice Chest ☐ Intact? Yes ☐ No ☐ | Containers ☐ Intact? Yes ☐ No ☐ | None ☑ Comments:

All samples received? Yes ☑ No ☐ All samples containers intact? Yes ☑ No ☐ Description(s) match COC? Yes ☑ No ☐

COC Received ☑ YES ☐ NO

Emissivity: 0.97 Container: PE Thermometer ID: 274

Temperature: (A) 0.3 °C / (C) 0.4 °C

Date/Time 6/15/22 1830

Analyst Init PRE

SAMPLE CONTAINERS	SAMPLE NUMBERS 1	2	3	4	5	6	7	8	9	10
QT PE UNPRES										
4oz / 8oz / 16oz PE UNPRES										
2oz Cr+6										
QT INORGANIC CHEMICAL METALS										
INORGANIC CHEMICAL METALS 4oz / 8oz / 16oz										
PT CYANIDE										
PT NITROGEN FORMS										
PT TOTAL SULFIDE										
2oz. NITRATE / NITRITE										
PT TOTAL ORGANIC CARBON										
PT CHEMICAL OXYGEN DEMAND										
PtA PHENOLICS										
40ml VOA VIAL TRAVEL BLANK										
40ml VOA VIAL										
QT EPA 1664B										
PT ODOR										
RADIOLOGICAL										
BACTERIOLOGICAL										
40 ml VOA VIAL- 504										
QT EPA 508/608.3/8081A										
QT EPA 515.1/8151A										
QT EPA 525.2										
QT EPA 525.2 TRAVEL BLANK										
40ml EPA 547										
40ml EPA 531.1										
8oz EPA 548.1										
QT EPA 549.2										
QT EPA 8015M										
QT EPA 8270C										
8oz / 16oz / 32oz AMBER										
8oz / 16oz / 32oz JAR	A	A	A	A	A	A	A	A	A	A
SOIL SLEEVE										
PCB VIAL										
PLASTIC BAG										
TEDLAR BAG										
FERROUS IRON										
ENCORE										
SMART KIT										
SUMMA CANISTER										

Comments:

Sample Numbering Completed By: PRE Date/Time: 6/15/22 1950

A = Actual / C = Corrected

Rev 23 05/20/22

[S:\WPDocs\Word Perfect\LAB_DOCS\FORMS\SAMREC rev 23]

PACE ANALYTICAL — COOLER RECEIPT FORM — Page 2 Of 2

Submission #: 22-14009

SHIPPING INFORMATION
Fed Ex ☐ UPS ☐ GSO / GLS ☐ Hand Delivery ☐
Pace Lab Field Service ☑ Other ☐ (Specify)_____

SHIPPING CONTAINER
Ice Chest ☑ None ☐ Box ☐
Other ☐ (Specify)_____

FREE LIQUID
YES ☑ NO ☐
(W) / S

Refrigerant: Ice ☑ Blue Ice ☐ None ☐ Other ☐ Comments:

Custody Seals: Ice Chest ☐ Intact? Yes ☐ No ☐ | Containers ☐ Intact? Yes ☐ No ☐ | None ☑ Comments:

All samples received? Yes ☑ No ☐ All samples containers intact? Yes ☑ No ☐ Description(s) match COC? Yes ☑ No ☐

COC Received ☑ YES ☐ NO

Emissivity: 0.97 Container: PE Thermometer ID: 274

Temperature: (A) 0.3 °C / (C) 0.4 °C

Date/Time 6/15/22 1830

Analyst Init PPE

SAMPLE CONTAINERS	SAMPLE NUMBERS 1	2	3	4	5	6	7	8	9	10
QT PE UNPRES										
4oz / 8oz / 16oz PE UNPRES										
2oz Cr6										
QT INORGANIC CHEMICAL METALS										
INORGANIC CHEMICAL METALS 4oz / 8oz / 16oz										
PT CYANIDE										
PT NITROGEN FORMS										
PT TOTAL SULFIDE										
2oz. NITRATE / NITRITE										
PT TOTAL ORGANIC CARBON										
PT CHEMICAL OXYGEN DEMAND										
PtA PHENOLICS										
40ml VOA VIAL TRAVEL BLANK										
40ml VOA VIAL										
QT EPA 1664B										
PT ODOR										
RADIOLOGICAL										
BACTERIOLOGICAL										
40 ml VOA VIAL- 504										
QT EPA 508/608.3/8081A										
QT EPA 515.3/8151A										
QT EPA 525.2										
QT EPA 525.2 TRAVEL BLANK										
40ml EPA 547										
40ml EPA 531.1										
8oz EPA 548.1										
QT EPA 549.2										
QT EPA 8015M										
QT EPA 8270C										
8oz / 16oz / 32oz AMBER										
8oz / 16oz / 32oz JAR	A	A								
SOIL SLEEVE										
PCB VIAL										
PLASTIC BAG										
TEDLAR BAG										
FERROUS IRON										
ENCORE										
SMART KIT										
SUMMA CANISTER										

Comments:

Sample Numbering Completed By: PPE Date/Time: 6/15/22 1950

A = Actual / C = Corrected

Rev 23 05/20/22

[S:\WPDocs\WordPerfect\LAB_DOCS\FORMS\SAMREC rev 23]

American Scientific Laboratories
2520 North San Fernando
Los Angeles, CA 90065

Reported: 06/21/2022 11:47
Project: Solid
Project Number: 2206012
Project Manager: Molky Brar

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information			
2214009-01	**COC Number:**	---	**Receive Date:**	06/15/2022 18:30
	Project Number:	---	**Sampling Date:**	06/14/2022 07:40
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	2206012-01	**Lab Matrix:**	Solids
	Sampled By:	---	**Sample Type:**	Soil
2214009-02	**COC Number:**	---	**Receive Date:**	06/15/2022 18:30
	Project Number:	---	**Sampling Date:**	06/14/2022 07:45
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	2206012-02	**Lab Matrix:**	Solids
	Sampled By:	---	**Sample Type:**	Soil
2214009-03	**COC Number:**	---	**Receive Date:**	06/15/2022 18:30
	Project Number:	---	**Sampling Date:**	06/14/2022 08:20
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	2206012-03	**Lab Matrix:**	Solids
	Sampled By:	---	**Sample Type:**	Soil
2214009-04	**COC Number:**	---	**Receive Date:**	06/15/2022 18:30
	Project Number:	---	**Sampling Date:**	06/14/2022 08:25
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	2206012-04	**Lab Matrix:**	Solids
	Sampled By:	---	**Sample Type:**	Soil
2214009-05	**COC Number:**	---	**Receive Date:**	06/15/2022 18:30
	Project Number:	---	**Sampling Date:**	06/14/2022 07:55
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	2206012-05	**Lab Matrix:**	Solids
	Sampled By:	---	**Sample Type:**	Soil
2214009-06	**COC Number:**	---	**Receive Date:**	06/15/2022 18:30
	Project Number:	---	**Sampling Date:**	06/14/2022 08:00
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	2206012-06	**Lab Matrix:**	Solids
	Sampled By:	---	**Sample Type:**	Soil
2214009-07	**COC Number:**	---	**Receive Date:**	06/15/2022 18:30
	Project Number:	---	**Sampling Date:**	06/14/2022 08:10
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	2206012-07	**Lab Matrix:**	Solids
	Sampled By:	---	**Sample Type:**	Soil

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American Scientific Laboratories
2520 North San Fernando
Los Angeles, CA 90065

Reported: 06/21/2022 11:47
Project: Solid
Project Number: 2206012
Project Manager: Molky Brar

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information			
2214009-08	**COC Number:**	---	**Receive Date:**	06/15/2022 18:30
	Project Number:	---	**Sampling Date:**	06/14/2022 08:15
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	2206012-08	**Lab Matrix:**	Solids
	Sampled By:	---	**Sample Type:**	Soil
2214009-09	**COC Number:**	---	**Receive Date:**	06/15/2022 18:30
	Project Number:	---	**Sampling Date:**	06/14/2022 08:35
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	2206012-09	**Lab Matrix:**	Solids
	Sampled By:	---	**Sample Type:**	Soil
2214009-10	**COC Number:**	---	**Receive Date:**	06/15/2022 18:30
	Project Number:	---	**Sampling Date:**	06/14/2022 08:40
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	2206012-10	**Lab Matrix:**	Solids
	Sampled By:	---	**Sample Type:**	Soil
2214009-11	**COC Number:**	---	**Receive Date:**	06/15/2022 18:30
	Project Number:	---	**Sampling Date:**	06/14/2022 08:55
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	2206012-11	**Lab Matrix:**	Solids
	Sampled By:	---	**Sample Type:**	Soil
2214009-12	**COC Number:**	---	**Receive Date:**	06/15/2022 18:30
	Project Number:	---	**Sampling Date:**	06/14/2022 09:00
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	2206012-12	**Lab Matrix:**	Solids
	Sampled By:	---	**Sample Type:**	Soil

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American Scientific Laboratories
2520 North San Fernando
Los Angeles, CA 90065

Reported: 06/21/2022 11:47
Project: Solid
Project Number: 2206012
Project Manager: Molky Brar

Total Concentrations (TTLC)

BCL Sample ID: 2214009-01 | **Client Sample Name:** 2206012-01, 6/14/2022 7:40:00AM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN
Antimony	**0.71**	**mg/kg**	**10**	**0.66**	**EPA-6010B**	ND	**J,A10**	1
Arsenic	**5.2**	**mg/kg**	**2.0**	**0.80**	**EPA-6010B**	ND	**A10**	1
Barium	**120**	**mg/kg**	**1.0**	**0.36**	**EPA-6010B**	ND	**A10**	1
Beryllium	**0.19**	**mg/kg**	**1.0**	**0.094**	**EPA-6010B**	ND	**J,A10**	1
Cadmium	**1.0**	**mg/kg**	**1.0**	**0.10**	**EPA-6010B**	ND	**A10**	1
Chromium	**16**	**mg/kg**	**1.0**	**0.10**	**EPA-6010B**	0.15	**A10**	1
Cobalt	**9.2**	**mg/kg**	**5.0**	**0.20**	**EPA-6010B**	ND	**A10**	1
Copper	**22**	**mg/kg**	**2.0**	**0.10**	**EPA-6010B**	0.22	**A10**	1
Lead	**66**	**mg/kg**	**5.0**	**0.82**	**EPA-6010B**	ND	**A10**	1
Mercury	**0.27**	**mg/kg**	**0.16**	**0.016**	**EPA-7471A**	ND		2
Molybdenum	ND	mg/kg	5.0	0.10	EPA-6010B	0.44	A10	1
Nickel	**13**	**mg/kg**	**1.0**	**0.30**	**EPA-6010B**	ND	**A10**	1
Selenium	ND	mg/kg	2.0	2.0	EPA-6010B	ND	A10	1
Silver	**0.17**	**mg/kg**	**1.0**	**0.13**	**EPA-6010B**	ND	**J,A10**	1
Thallium	ND	mg/kg	10	1.3	EPA-6010B	ND	A10	1
Vanadium	**37**	**mg/kg**	**1.0**	**0.22**	**EPA-6010B**	ND	**A10**	1
Zinc	**130**	**mg/kg**	**5.0**	**0.17**	**EPA-6010B**	1.2	**A10**	1

DCN	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-6010B	06/17/22 06:45	06/20/22 10:15	JCC	PE-OP3	2	B142177	EPA 3050B
2	EPA-7471A	06/16/22 09:20	06/16/22 13:35	TMT	CETAC3	1.025	B142100	EPA 7471A

DCN = Data Continuation Number

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ENVIRONMENTAL SCIENCES

American Scientific Laboratories
2520 North San Fernando
Los Angeles, CA 90065

Reported: 06/21/2022 11:47
Project: Solid
Project Number: 2206012
Project Manager: Molky Brar

Total Concentrations (TTLC)

BCL Sample ID: 2214009-02 | **Client Sample Name:** 2206012-02, 6/14/2022 7:45:00AM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN
Antimony	ND	mg/kg	10	0.66	EPA-6010B	ND	A10	1
Arsenic	**2.8**	**mg/kg**	**2.0**	**0.80**	**EPA-6010B**	ND	**A10**	1
Barium	**50**	**mg/kg**	**1.0**	**0.36**	**EPA-6010B**	ND	**A10**	1
Beryllium	ND	mg/kg	1.0	0.094	EPA-6010B	ND	A10	1
Cadmium	**0.10**	**mg/kg**	**1.0**	**0.10**	**EPA-6010B**	ND	**J,A10**	1
Chromium	**9.2**	**mg/kg**	**1.0**	**0.10**	**EPA-6010B**	0.15	**A10**	1
Cobalt	**4.9**	**mg/kg**	**5.0**	**0.20**	**EPA-6010B**	ND	**J,A10**	1
Copper	**6.0**	**mg/kg**	**2.0**	**0.10**	**EPA-6010B**	0.22	**A10**	1
Lead	**1.2**	**mg/kg**	**5.0**	**0.82**	**EPA-6010B**	ND	**J,A10**	1
Mercury	**0.031**	**mg/kg**	**0.16**	**0.016**	**EPA-7471A**	ND	**J**	2
Molybdenum	**0.19**	**mg/kg**	**5.0**	**0.10**	**EPA-6010B**	0.42	**J,A10**	1
Nickel	**4.9**	**mg/kg**	**1.0**	**0.30**	**EPA-6010B**	ND	**A10**	1
Selenium	ND	mg/kg	2.0	2.0	EPA-6010B	ND	A10	1
Silver	ND	mg/kg	1.0	0.13	EPA-6010B	ND	A10	1
Thallium	ND	mg/kg	10	1.3	EPA-6010B	ND	A10	1
Vanadium	**26**	**mg/kg**	**1.0**	**0.22**	**EPA-6010B**	ND	**A10**	1
Zinc	**26**	**mg/kg**	**5.0**	**0.17**	**EPA-6010B**	1.2	**A10**	1

DCN	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-6010B	06/17/22 06:45	06/20/22 10:26	JCC	PE-OP3	1.942	B142177	EPA 3050B
2	EPA-7471A	06/16/22 09:20	06/16/22 13:41	TMT	CETAC3	1.008	B142100	EPA 7471A

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ENVIRONMENTAL SCIENCES

American Scientific Laboratories
2520 North San Fernando
Los Angeles, CA 90065

Reported: 06/21/2022 11:47
Project: Solid
Project Number: 2206012
Project Manager: Molky Brar

Total Concentrations (TTLC)

BCL Sample ID: 2214009-03 | **Client Sample Name:** 2206012-03, 6/14/2022 8:20:00AM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN
Antimony	ND	mg/kg	10	0.66	EPA-6010B	ND	A10	1
Arsenic	**4.8**	**mg/kg**	**2.0**	**0.80**	**EPA-6010B**	ND	**A10**	1
Barium	**110**	**mg/kg**	**1.0**	**0.36**	**EPA-6010B**	ND	**A10**	1
Beryllium	**0.24**	**mg/kg**	**1.0**	**0.094**	**EPA-6010B**	ND	**J,A10**	1
Cadmium	**0.41**	**mg/kg**	**1.0**	**0.10**	**EPA-6010B**	ND	**J,A10**	1
Chromium	**15**	**mg/kg**	**1.0**	**0.10**	**EPA-6010B**	0.15	**A10**	1
Cobalt	**8.4**	**mg/kg**	**5.0**	**0.20**	**EPA-6010B**	ND	**A10**	1
Copper	**16**	**mg/kg**	**2.0**	**0.10**	**EPA-6010B**	0.22	**A10**	1
Lead	**13**	**mg/kg**	**5.0**	**0.82**	**EPA-6010B**	ND	**A10**	1
Mercury	**0.061**	**mg/kg**	**0.16**	**0.016**	**EPA-7471A**	ND	**J**	2
Molybdenum	ND	mg/kg	5.0	0.10	EPA-6010B	0.43	A10	1
Nickel	**10**	**mg/kg**	**1.0**	**0.30**	**EPA-6010B**	ND	**A10**	1
Selenium	ND	mg/kg	2.0	2.0	EPA-6010B	ND	A10	1
Silver	**0.16**	**mg/kg**	**1.0**	**0.13**	**EPA-6010B**	ND	**J,A10**	1
Thallium	ND	mg/kg	10	1.3	EPA-6010B	ND	A10	1
Vanadium	**37**	**mg/kg**	**1.0**	**0.22**	**EPA-6010B**	ND	**A10**	1
Zinc	**68**	**mg/kg**	**5.0**	**0.17**	**EPA-6010B**	1.2	**A10**	1

DCN	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-6010B	06/17/22 06:45	06/20/22 10:32	JCC	PE-OP3	1.961	B142177	EPA 3050B
2	EPA-7471A	06/16/22 09:20	06/16/22 13:43	TMT	CETAC3	1.025	B142100	EPA 7471A

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2520 North San Fernando
Los Angeles, CA 90065

Reported: 06/21/2022 11:47
Project: Solid
Project Number: 2206012
Project Manager: Molky Brar

Total Concentrations (TTLC)

BCL Sample ID: 2214009-04 | **Client Sample Name:** 2206012-04, 6/14/2022 8:25:00AM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN
Antimony	ND	mg/kg	10	0.66	EPA-6010B	ND	A10	1
Arsenic	**4.1**	**mg/kg**	**2.0**	**0.80**	**EPA-6010B**	ND	**A10**	1
Barium	**81**	**mg/kg**	**1.0**	**0.36**	**EPA-6010B**	ND	**A10**	1
Beryllium	**0.14**	**mg/kg**	**1.0**	**0.094**	**EPA-6010B**	ND	**J,A10**	1
Cadmium	**0.21**	**mg/kg**	**1.0**	**0.10**	**EPA-6010B**	ND	**J,A10**	1
Chromium	**12**	**mg/kg**	**1.0**	**0.10**	**EPA-6010B**	0.14	**A10**	1
Cobalt	**7.6**	**mg/kg**	**5.0**	**0.20**	**EPA-6010B**	ND	**A10**	1
Copper	**11**	**mg/kg**	**2.0**	**0.10**	**EPA-6010B**	0.20	**A10**	1
Lead	**1.6**	**mg/kg**	**5.0**	**0.82**	**EPA-6010B**	ND	**J,A10**	1
Mercury	**0.064**	**mg/kg**	**0.16**	**0.016**	**EPA-7471A**	ND	**J**	2
Molybdenum	ND	mg/kg	5.0	0.10	EPA-6010B	0.40	A10	1
Nickel	**8.5**	**mg/kg**	**1.0**	**0.30**	**EPA-6010B**	ND	**A10**	1
Selenium	ND	mg/kg	2.0	2.0	EPA-6010B	ND	A10	1
Silver	ND	mg/kg	1.0	0.13	EPA-6010B	ND	A10	1
Thallium	ND	mg/kg	10	1.3	EPA-6010B	ND	A10	1
Vanadium	**32**	**mg/kg**	**1.0**	**0.22**	**EPA-6010B**	ND	**A10**	1
Zinc	**42**	**mg/kg**	**5.0**	**0.17**	**EPA-6010B**	1.1	**A10**	1

DCN	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-6010B	06/17/22 06:45	06/20/22 10:34	JCC	PE-OP3	1.835	B142177	EPA 3050B
2	EPA-7471A	06/16/22 09:20	06/16/22 13:45	TMT	CETAC3	0.977	B142100	EPA 7471A

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Los Angeles, CA 90065

Reported: 06/21/2022 11:47
Project: Solid
Project Number: 2206012
Project Manager: Molky Brar

Total Concentrations (TTLC)

BCL Sample ID: 2214009-05 | **Client Sample Name:** 2206012-05, 6/14/2022 7:55:00AM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN
Antimony	ND	mg/kg	10	0.66	EPA-6010B	ND	A10	1
Arsenic	**22**	**mg/kg**	**2.0**	**0.80**	**EPA-6010B**	ND	**A10**	1
Barium	**88**	**mg/kg**	**1.0**	**0.36**	**EPA-6010B**	ND	**A10**	1
Beryllium	**0.18**	**mg/kg**	**1.0**	**0.094**	**EPA-6010B**	ND	**J,A10**	1
Cadmium	**0.57**	**mg/kg**	**1.0**	**0.10**	**EPA-6010B**	ND	**J,A10**	1
Chromium	**13**	**mg/kg**	**1.0**	**0.10**	**EPA-6010B**	0.15	**A10**	1
Cobalt	**8.0**	**mg/kg**	**5.0**	**0.20**	**EPA-6010B**	ND	**A10**	1
Copper	**16**	**mg/kg**	**2.0**	**0.10**	**EPA-6010B**	0.22	**A10**	1
Lead	**29**	**mg/kg**	**5.0**	**0.82**	**EPA-6010B**	ND	**A10**	1
Mercury	**0.13**	**mg/kg**	**0.16**	**0.016**	**EPA-7471A**	ND	**J**	2
Molybdenum	ND	mg/kg	5.0	0.10	EPA-6010B	0.44	A10	1
Nickel	**9.9**	**mg/kg**	**1.0**	**0.30**	**EPA-6010B**	ND	**A10**	1
Selenium	ND	mg/kg	2.0	2.0	EPA-6010B	ND	A10	1
Silver	**0.15**	**mg/kg**	**1.0**	**0.13**	**EPA-6010B**	ND	**J,A10**	1
Thallium	ND	mg/kg	10	1.3	EPA-6010B	ND	A10	1
Vanadium	**32**	**mg/kg**	**1.0**	**0.22**	**EPA-6010B**	ND	**A10**	1
Zinc	**73**	**mg/kg**	**5.0**	**0.17**	**EPA-6010B**	1.2	**A10**	1

DCN	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-6010B	06/17/22 06:45	06/20/22 10:36	JCC	PE-OP3	2	B142177	EPA 3050B
2	EPA-7471A	06/16/22 09:20	06/16/22 13:48	TMT	CETAC3	0.992	B142100	EPA 7471A

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Reported: 06/21/2022 11:47
Project: Solid
Project Number: 2206012
Project Manager: Molky Brar

Total Concentrations (TTLC)

BCL Sample ID: 2214009-06 | **Client Sample Name:** 2206012-06, 6/14/2022 8:00:00AM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN
Antimony	**1.2**	**mg/kg**	**10**	**0.66**	**EPA-6010B**	ND	**J,A10**	1
Arsenic	**2.9**	**mg/kg**	**2.0**	**0.80**	**EPA-6010B**	ND	**A10**	1
Barium	**67**	**mg/kg**	**1.0**	**0.36**	**EPA-6010B**	ND	**A10**	1
Beryllium	**0.12**	**mg/kg**	**1.0**	**0.094**	**EPA-6010B**	ND	**J,A10**	1
Cadmium	**0.13**	**mg/kg**	**1.0**	**0.10**	**EPA-6010B**	ND	**J,A10**	1
Chromium	**7.9**	**mg/kg**	**1.0**	**0.10**	**EPA-6010B**	0.15	**A10**	1
Cobalt	**5.7**	**mg/kg**	**5.0**	**0.20**	**EPA-6010B**	ND	**A10**	1
Copper	**6.6**	**mg/kg**	**2.0**	**0.10**	**EPA-6010B**	0.22	**A10**	1
Lead	**2.3**	**mg/kg**	**5.0**	**0.82**	**EPA-6010B**	ND	**J,A10**	1
Mercury	**0.031**	**mg/kg**	**0.16**	**0.016**	**EPA-7471A**	ND	**J**	2
Molybdenum	ND	mg/kg	5.0	0.10	EPA-6010B	0.44	A10	1
Nickel	**5.7**	**mg/kg**	**1.0**	**0.30**	**EPA-6010B**	ND	**A10**	1
Selenium	ND	mg/kg	2.0	2.0	EPA-6010B	ND	A10	1
Silver	**0.21**	**mg/kg**	**1.0**	**0.13**	**EPA-6010B**	ND	**J,A10**	1
Thallium	ND	mg/kg	10	1.3	EPA-6010B	ND	A10	1
Vanadium	**21**	**mg/kg**	**1.0**	**0.22**	**EPA-6010B**	ND	**A10**	1
Zinc	**33**	**mg/kg**	**5.0**	**0.17**	**EPA-6010B**	1.2	**A10**	1

DCN	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-6010B	06/17/22 06:45	06/20/22 10:38	JCC	PE-OP3	2	B142177	EPA 3050B
2	EPA-7471A	06/16/22 09:20	06/16/22 13:50	TMT	CETAC3	0.992	B142100	EPA 7471A

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Los Angeles, CA 90065

Reported: 06/21/2022 11:47
Project: Solid
Project Number: 2206012
Project Manager: Molky Brar

Total Concentrations (TTLC)

BCL Sample ID: 2214009-07 | **Client Sample Name:** 2206012-07, 6/14/2022 8:10:00AM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN
Antimony	**1.3**	**mg/kg**	**10**	**0.66**	**EPA-6010B**	ND	**J,A10**	1
Arsenic	**7.7**	**mg/kg**	**2.0**	**0.80**	**EPA-6010B**	ND	**A10**	1
Barium	**99**	**mg/kg**	**1.0**	**0.36**	**EPA-6010B**	ND	**A10**	1
Beryllium	**0.25**	**mg/kg**	**1.0**	**0.094**	**EPA-6010B**	ND	**J,A10**	1
Cadmium	**0.47**	**mg/kg**	**1.0**	**0.10**	**EPA-6010B**	ND	**J,A10**	1
Chromium	**34**	**mg/kg**	**1.0**	**0.10**	**EPA-6010B**	0.15	**A10**	1
Cobalt	**8.2**	**mg/kg**	**5.0**	**0.20**	**EPA-6010B**	ND	**A10**	1
Copper	**20**	**mg/kg**	**2.0**	**0.10**	**EPA-6010B**	0.22	**A10**	1
Lead	**17**	**mg/kg**	**5.0**	**0.82**	**EPA-6010B**	ND	**A10**	1
Mercury	**0.064**	**mg/kg**	**0.16**	**0.016**	**EPA-7471A**	ND	**J**	2
Molybdenum	ND	mg/kg	5.0	0.10	EPA-6010B	0.43	A10	1
Nickel	**11**	**mg/kg**	**1.0**	**0.30**	**EPA-6010B**	ND	**A10**	1
Selenium	ND	mg/kg	2.0	2.0	EPA-6010B	ND	A10	1
Silver	ND	mg/kg	1.0	0.13	EPA-6010B	ND	A10	1
Thallium	ND	mg/kg	10	1.3	EPA-6010B	ND	A10	1
Vanadium	**35**	**mg/kg**	**1.0**	**0.22**	**EPA-6010B**	ND	**A10**	1
Zinc	**68**	**mg/kg**	**5.0**	**0.17**	**EPA-6010B**	1.2	**A10**	1

DCN	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-6010B	06/17/22 06:45	06/20/22 10:40	JCC	PE-OP3	1.980	B142177	EPA 3050B
2	EPA-7471A	06/16/22 09:20	06/16/22 13:52	TMT	CETAC3	1.025	B142100	EPA 7471A

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Reported: 06/21/2022 11:47
Project: Solid
Project Number: 2206012
Project Manager: Molky Brar

Total Concentrations (TTLC)

BCL Sample ID: 2214009-08 | **Client Sample Name:** 2206012-08, 6/14/2022 8:15:00AM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN
Antimony	**1.1**	**mg/kg**	**10**	**0.66**	**EPA-6010B**	ND	**J,A10**	1
Arsenic	**2.7**	**mg/kg**	**2.0**	**0.80**	**EPA-6010B**	ND	**A10**	1
Barium	**38**	**mg/kg**	**1.0**	**0.36**	**EPA-6010B**	ND	**A10**	1
Beryllium	ND	mg/kg	1.0	0.094	EPA-6010B	ND	A10	1
Cadmium	**0.16**	**mg/kg**	**1.0**	**0.10**	**EPA-6010B**	ND	**J,A10**	1
Chromium	**9.7**	**mg/kg**	**1.0**	**0.10**	**EPA-6010B**	0.14	**A10**	1
Cobalt	**4.3**	**mg/kg**	**5.0**	**0.20**	**EPA-6010B**	ND	**J,A10**	1
Copper	**5.4**	**mg/kg**	**2.0**	**0.10**	**EPA-6010B**	0.21	**A10**	1
Lead	**1.2**	**mg/kg**	**5.0**	**0.82**	**EPA-6010B**	ND	**J,A10**	1
Mercury	**0.043**	**mg/kg**	**0.16**	**0.016**	**EPA-7471A**	ND	**J**	2
Molybdenum	ND	mg/kg	5.0	0.10	EPA-6010B	0.41	A10	1
Nickel	**4.0**	**mg/kg**	**1.0**	**0.30**	**EPA-6010B**	ND	**A10**	1
Selenium	ND	mg/kg	2.0	2.0	EPA-6010B	ND	A10	1
Silver	ND	mg/kg	1.0	0.13	EPA-6010B	ND	A10	1
Thallium	ND	mg/kg	10	1.3	EPA-6010B	ND	A10	1
Vanadium	**29**	**mg/kg**	**1.0**	**0.22**	**EPA-6010B**	ND	**A10**	1
Zinc	**23**	**mg/kg**	**5.0**	**0.17**	**EPA-6010B**	1.1	**A10**	1

DCN	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-6010B	06/17/22 06:45	06/20/22 10:42	JCC	PE-OP3	1.887	B142177	EPA 3050B
2	EPA-7471A	06/16/22 09:20	06/16/22 13:54	TMT	CETAC3	0.992	B142100	EPA 7471A

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Reported: 06/21/2022 11:47
Project: Solid
Project Number: 2206012
Project Manager: Molky Brar

Total Concentrations (TTLC)

BCL Sample ID: 2214009-09 | **Client Sample Name:** 2206012-09, 6/14/2022 8:35:00AM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN
Antimony	ND	mg/kg	25	1.6	EPA-6010B	ND	A10	1
Arsenic	**5.2**	**mg/kg**	**5.0**	**2.0**	**EPA-6010B**	ND	**A10**	1
Barium	**130**	**mg/kg**	**2.5**	**0.90**	**EPA-6010B**	ND	**A10**	1
Beryllium	**0.53**	**mg/kg**	**2.5**	**0.24**	**EPA-6010B**	ND	**J,A10**	1
Cadmium	**0.36**	**mg/kg**	**2.5**	**0.26**	**EPA-6010B**	ND	**J,A10**	1
Chromium	**20**	**mg/kg**	**2.5**	**0.25**	**EPA-6010B**	0.37	**A10**	1
Cobalt	**11**	**mg/kg**	**12**	**0.49**	**EPA-6010B**	ND	**J,A10**	1
Copper	**18**	**mg/kg**	**5.0**	**0.25**	**EPA-6010B**	0.54	**A10**	1
Lead	**2.9**	**mg/kg**	**12**	**2.0**	**EPA-6010B**	ND	**J,A10**	1
Mercury	**0.069**	**mg/kg**	**0.16**	**0.016**	**EPA-7471A**	ND	**J**	2
Molybdenum	**0.76**	**mg/kg**	**12**	**0.25**	**EPA-6010B**	1.1	**J,A10**	1
Nickel	**14**	**mg/kg**	**2.5**	**0.75**	**EPA-6010B**	ND	**A10**	1
Selenium	ND	mg/kg	5.0	4.9	EPA-6010B	ND	A10	1
Silver	ND	mg/kg	2.5	0.34	EPA-6010B	ND	A10	1
Thallium	ND	mg/kg	25	3.2	EPA-6010B	ND	A10	1
Vanadium	**43**	**mg/kg**	**2.5**	**0.55**	**EPA-6010B**	ND	**A10**	1
Zinc	**64**	**mg/kg**	**12**	**0.44**	**EPA-6010B**	2.9	**A10**	1

DCN	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-6010B	06/17/22 06:45	06/20/22 15:03	JCC	PE-OP3	4.902	B142177	EPA 3050B
2	EPA-7471A	06/16/22 09:20	06/16/22 13:56	TMT	CETAC3	1.008	B142100	EPA 7471A

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Project: Solid
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Project Manager: Molky Brar

Total Concentrations (TTLC)

BCL Sample ID: 2214009-10 | **Client Sample Name:** 2206012-10, 6/14/2022 8:40:00AM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN
Antimony	**1.6**	**mg/kg**	**10**	**0.66**	**EPA-6010B**	ND	**J,A10**	1
Arsenic	**4.5**	**mg/kg**	**2.0**	**0.80**	**EPA-6010B**	ND	**A10**	1
Barium	**120**	**mg/kg**	**1.0**	**0.36**	**EPA-6010B**	ND	**A10**	1
Beryllium	**0.26**	**mg/kg**	**1.0**	**0.094**	**EPA-6010B**	ND	**J,A10**	1
Cadmium	**0.37**	**mg/kg**	**1.0**	**0.10**	**EPA-6010B**	ND	**J,A10**	1
Chromium	**18**	**mg/kg**	**1.0**	**0.10**	**EPA-6010B**	0.14	**A10**	1
Cobalt	**11**	**mg/kg**	**5.0**	**0.20**	**EPA-6010B**	ND	**A10**	1
Copper	**17**	**mg/kg**	**2.0**	**0.10**	**EPA-6010B**	0.21	**A10**	1
Lead	**3.8**	**mg/kg**	**5.0**	**0.82**	**EPA-6010B**	ND	**J,A10**	1
Mercury	**0.031**	**mg/kg**	**0.16**	**0.016**	**EPA-7471A**	ND	**J**	2
Molybdenum	ND	mg/kg	5.0	0.10	EPA-6010B	0.41	A10	1
Nickel	**12**	**mg/kg**	**1.0**	**0.30**	**EPA-6010B**	ND	**A10**	1
Selenium	ND	mg/kg	2.0	2.0	EPA-6010B	ND	A10	1
Silver	**0.26**	**mg/kg**	**1.0**	**0.13**	**EPA-6010B**	ND	**J,A10**	1
Thallium	ND	mg/kg	10	1.3	EPA-6010B	ND	A10	1
Vanadium	**41**	**mg/kg**	**1.0**	**0.22**	**EPA-6010B**	ND	**A10**	1
Zinc	**59**	**mg/kg**	**5.0**	**0.17**	**EPA-6010B**	1.1	**A10**	1

DCN	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-6010B	06/17/22 06:45	06/20/22 10:45	JCC	PE-OP3	1.905	B142177	EPA 3050B
2	EPA-7471A	06/17/22 08:16	06/17/22 11:25	TMT	CETAC3	0.977	B142173	EPA 7471A

DCN = Data Continuation Number

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American Scientific Laboratories
2520 North San Fernando
Los Angeles, CA 90065

Reported: 06/21/2022 11:47
Project: Solid
Project Number: 2206012
Project Manager: Molky Brar

Total Concentrations (TTLC)

BCL Sample ID: 2214009-11 | **Client Sample Name:** 2206012-11, 6/14/2022 8:55:00AM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN
Antimony	ND	mg/kg	23	1.5	EPA-6010B	ND	A10	1
Arsenic	**5.2**	**mg/kg**	**4.5**	**1.8**	**EPA-6010B**	ND	**A10**	1
Barium	**150**	**mg/kg**	**2.3**	**0.82**	**EPA-6010B**	ND	**A10**	1
Beryllium	**0.56**	**mg/kg**	**2.3**	**0.21**	**EPA-6010B**	ND	**J,A10**	1
Cadmium	**0.33**	**mg/kg**	**2.3**	**0.24**	**EPA-6010B**	ND	**J,A10**	1
Chromium	**23**	**mg/kg**	**2.3**	**0.23**	**EPA-6010B**	0.34	**A10**	1
Cobalt	**12**	**mg/kg**	**11**	**0.45**	**EPA-6010B**	ND	**A10**	1
Copper	**21**	**mg/kg**	**4.5**	**0.23**	**EPA-6010B**	0.50	**A10**	1
Lead	**3.7**	**mg/kg**	**11**	**1.9**	**EPA-6010B**	ND	**J,A10**	1
Mercury	**0.035**	**mg/kg**	**0.16**	**0.016**	**EPA-7471A**	ND	**J**	2
Molybdenum	**0.46**	**mg/kg**	**11**	**0.23**	**EPA-6010B**	0.99	**J,A10**	1
Nickel	**16**	**mg/kg**	**2.3**	**0.68**	**EPA-6010B**	ND	**A10**	1
Selenium	ND	mg/kg	4.5	4.5	EPA-6010B	ND	A10	1
Silver	ND	mg/kg	2.3	0.30	EPA-6010B	ND	A10	1
Thallium	ND	mg/kg	23	2.9	EPA-6010B	ND	A10	1
Vanadium	**45**	**mg/kg**	**2.3**	**0.50**	**EPA-6010B**	ND	**A10**	1
Zinc	**71**	**mg/kg**	**11**	**0.40**	**EPA-6010B**	2.7	**A10**	1

DCN	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-6010B	06/17/22 06:45	06/20/22 15:05	JCC	PE-OP3	4.545	B142177	EPA 3050B
2	EPA-7471A	06/17/22 08:16	06/17/22 11:27	TMT	CETAC3	1.008	B142173	EPA 7471A

DCN = Data Continuation Number

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ENVIRONMENTAL SCIENCES

American Scientific Laboratories
2520 North San Fernando
Los Angeles, CA 90065

Reported: 06/21/2022 11:47
Project: Solid
Project Number: 2206012
Project Manager: Molky Brar

Total Concentrations (TTLC)

BCL Sample ID: 2214009-12 | **Client Sample Name:** 2206012-12, 6/14/2022 9:00:00AM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN
Antimony	ND	mg/kg	25	1.6	EPA-6010B	ND	A10	1
Arsenic	**5.8**	**mg/kg**	**5.0**	**2.0**	**EPA-6010B**	ND	**A10**	1
Barium	**130**	**mg/kg**	**2.5**	**0.90**	**EPA-6010B**	ND	**A10**	1
Beryllium	**0.52**	**mg/kg**	**2.5**	**0.24**	**EPA-6010B**	ND	**J,A10**	1
Cadmium	**0.28**	**mg/kg**	**2.5**	**0.26**	**EPA-6010B**	ND	**J,A10**	1
Chromium	**20**	**mg/kg**	**2.5**	**0.25**	**EPA-6010B**	0.35	**A10**	1
Cobalt	**11**	**mg/kg**	**12**	**0.49**	**EPA-6010B**	ND	**J,A10**	1
Copper	**19**	**mg/kg**	**5.0**	**0.25**	**EPA-6010B**	0.52	**A10**	1
Lead	**8.9**	**mg/kg**	**12**	**2.0**	**EPA-6010B**	ND	**J,A10**	1
Mercury	**0.034**	**mg/kg**	**0.16**	**0.016**	**EPA-7471A**	ND	**J**	2
Molybdenum	**0.67**	**mg/kg**	**12**	**0.25**	**EPA-6010B**	1.0	**J,A10**	1
Nickel	**14**	**mg/kg**	**2.5**	**0.75**	**EPA-6010B**	ND	**A10**	1
Selenium	ND	mg/kg	5.0	4.9	EPA-6010B	ND	A10	1
Silver	ND	mg/kg	2.5	0.34	EPA-6010B	ND	A10	1
Thallium	ND	mg/kg	25	3.2	EPA-6010B	ND	A10	1
Vanadium	**41**	**mg/kg**	**2.5**	**0.55**	**EPA-6010B**	ND	**A10**	1
Zinc	**64**	**mg/kg**	**12**	**0.44**	**EPA-6010B**	2.8	**A10**	1

DCN	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-6010B	06/17/22 06:45	06/20/22 15:07	JCC	PE-OP3	4.717	B142177	EPA 3050B
2	EPA-7471A	06/17/22 08:16	06/17/22 11:35	TMT	CETAC3	0.992	B142173	EPA 7471A

DCN = Data Continuation Number

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American Scientific Laboratories
2520 North San Fernando
Los Angeles, CA 90065

Reported: 06/21/2022 11:47
Project: Solid
Project Number: 2206012
Project Manager: Molky Brar

Total Concentrations (TTLC)

Quality Control Report - Method Blank Analysis

Constituent	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
QC Batch ID: B142100						
Mercury	B142100-BLK1	ND	mg/kg	0.16	0.016	
QC Batch ID: B142173						
Mercury	B142173-BLK1	ND	mg/kg	0.16	0.016	
QC Batch ID: B142177						
Antimony	B142177-BLK1	ND	mg/kg	5.0	0.33	
Arsenic	B142177-BLK1	ND	mg/kg	1.0	0.40	
Barium	B142177-BLK1	ND	mg/kg	0.50	0.18	
Beryllium	B142177-BLK1	ND	mg/kg	0.50	0.047	
Cadmium	B142177-BLK1	ND	mg/kg	0.50	0.052	
Chromium	**B142177-BLK1**	**0.074686**	**mg/kg**	**0.50**	**0.050**	**J**
Cobalt	B142177-BLK1	ND	mg/kg	2.5	0.098	
Copper	**B142177-BLK1**	**0.11088**	**mg/kg**	**1.0**	**0.050**	**J**
Lead	B142177-BLK1	ND	mg/kg	2.5	0.41	
Molybdenum	**B142177-BLK1**	**0.21781**	**mg/kg**	**2.5**	**0.050**	**J**
Nickel	B142177-BLK1	ND	mg/kg	0.50	0.15	
Selenium	B142177-BLK1	ND	mg/kg	1.0	0.98	
Silver	B142177-BLK1	ND	mg/kg	0.50	0.067	
Thallium	B142177-BLK1	ND	mg/kg	5.0	0.64	
Vanadium	B142177-BLK1	ND	mg/kg	0.50	0.11	
Zinc	**B142177-BLK1**	**0.59502**	**mg/kg**	**2.5**	**0.087**	**J**

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American Scientific Laboratories
2520 North San Fernando
Los Angeles, CA 90065

Reported: 06/21/2022 11:47
Project: Solid
Project Number: 2206012
Project Manager: Molky Brar

Total Concentrations (TTLC)

Quality Control Report - Laboratory Control Sample

Constituent	QC Sample ID	Type	Result	Spike Level	Units	Percent Recovery	RPD	Control Limits Percent Recovery	Control Limits RPD	Lab Quals
QC Batch ID: B142100										
Mercury	B142100-BS1	LCS	0.75680	0.80000	mg/kg	94.6		80 - 120		
QC Batch ID: B142173										
Mercury	B142173-BS1	LCS	0.78720	0.80000	mg/kg	98.4		80 - 120		
QC Batch ID: B142177										
Antimony	B142177-BS1	LCS	97.798	100.00	mg/kg	97.8		75 - 125		
Arsenic	B142177-BS1	LCS	18.351	20.000	mg/kg	91.8		75 - 125		
Barium	B142177-BS1	LCS	105.83	100.00	mg/kg	106		75 - 125		
Beryllium	B142177-BS1	LCS	9.9502	10.000	mg/kg	99.5		75 - 125		
Cadmium	B142177-BS1	LCS	9.7829	10.000	mg/kg	97.8		75 - 125		
Chromium	B142177-BS1	LCS	101.40	100.00	mg/kg	101		75 - 125		
Cobalt	B142177-BS1	LCS	102.87	100.00	mg/kg	103		75 - 125		
Copper	B142177-BS1	LCS	95.885	100.00	mg/kg	95.9		75 - 125		
Lead	B142177-BS1	LCS	103.78	100.00	mg/kg	104		75 - 125		
Molybdenum	B142177-BS1	LCS	100.31	100.00	mg/kg	100		75 - 125		
Nickel	B142177-BS1	LCS	102.65	100.00	mg/kg	103		75 - 125		
Selenium	B142177-BS1	LCS	17.551	20.000	mg/kg	87.8		75 - 125		
Silver	B142177-BS1	LCS	9.6428	10.000	mg/kg	96.4		75 - 125		
Thallium	B142177-BS1	LCS	113.56	100.00	mg/kg	114		75 - 125		
Vanadium	B142177-BS1	LCS	100.00	100.00	mg/kg	100		75 - 125		
Zinc	B142177-BS1	LCS	98.500	100.00	mg/kg	98.5		75 - 125		

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American Scientific Laboratories
2520 North San Fernando
Los Angeles, CA 90065

Reported: 06/21/2022 11:47
Project: Solid
Project Number: 2206012
Project Manager: Molky Brar

Total Concentrations (TTLC)

Quality Control Report - Precision & Accuracy

Constituent	Type	Source Sample ID	Source Result	Result	Spike Added	Units	RPD	Percent Recovery	Control Limits RPD	Control Limits Percent Recovery	Lab Quals
QC Batch ID: B142100	Used client sample: N										
Mercury	DUP	2212109-01	0.25645	0.29355		mg/kg	13.5		20		
	MS	2212109-01	0.25645	1.0484	0.80645	mg/kg		98.2		80 - 120	
	MSD	2212109-01	0.25645	1.1403	0.80645	mg/kg	8.4	110	20	80 - 120	
QC Batch ID: B142173	Used client sample: N										
Mercury	DUP	2214060-01	0.20164	0.19836		mg/kg	1.6		20		
	MS	2214060-01	0.20164	0.88525	0.81967	mg/kg		83.4		80 - 120	
	MSD	2214060-01	0.20164	0.96393	0.81967	mg/kg	8.5	93.0	20	80 - 120	
QC Batch ID: B142177	Used client sample: Y - Description: 2206012-01, 06/14/2022 07:40										
Antimony	DUP	2214009-01	0.71500	ND		mg/kg			20		
	MS	2214009-01	0.71500	23.256	100.00	mg/kg		22.5		16 - 119	
	MSD	2214009-01	0.71500	24.144	100.00	mg/kg	3.7	23.4	20	16 - 119	
Arsenic	DUP	2214009-01	5.2265	4.8485		mg/kg	7.5		20		
	MS	2214009-01	5.2265	22.445	20.000	mg/kg		86.1		75 - 125	
	MSD	2214009-01	5.2265	22.085	20.000	mg/kg	1.6	84.3	20	75 - 125	
Barium	DUP	2214009-01	116.05	115.79		mg/kg	0.2		20		
	MS	2214009-01	116.05	214.26	100.00	mg/kg		98.2		75 - 125	
	MSD	2214009-01	116.05	212.05	100.00	mg/kg	1.0	96.0	20	75 - 125	
Beryllium	DUP	2214009-01	0.19254	0.20615		mg/kg	6.8		20		J
	MS	2214009-01	0.19254	9.6502	10.000	mg/kg		94.6		75 - 125	
	MSD	2214009-01	0.19254	9.4147	10.000	mg/kg	2.5	92.2	20	75 - 125	
Cadmium	DUP	2214009-01	1.0195	0.92696		mg/kg	9.5		20		J
	MS	2214009-01	1.0195	10.476	10.000	mg/kg		94.6		75 - 125	
	MSD	2214009-01	1.0195	10.322	10.000	mg/kg	1.5	93.0	20	75 - 125	
Chromium	DUP	2214009-01	15.740	15.206		mg/kg	3.4		20		
	MS	2214009-01	15.740	110.06	100.00	mg/kg		94.3		75 - 125	
	MSD	2214009-01	15.740	105.94	100.00	mg/kg	3.8	90.2	20	75 - 125	
Cobalt	DUP	2214009-01	9.2111	8.9328		mg/kg	3.1		20		
	MS	2214009-01	9.2111	104.57	100.00	mg/kg		95.4		75 - 125	
	MSD	2214009-01	9.2111	100.44	100.00	mg/kg	4.0	91.2	20	75 - 125	
Copper	DUP	2214009-01	21.997	21.087		mg/kg	4.2		20		
	MS	2214009-01	21.997	118.23	100.00	mg/kg		96.2		75 - 125	
	MSD	2214009-01	21.997	111.66	100.00	mg/kg	5.7	89.7	20	75 - 125	
Lead	DUP	2214009-01	65.600	57.834		mg/kg	12.6		20		
	MS	2214009-01	65.600	162.82	100.00	mg/kg		97.2		75 - 125	
	MSD	2214009-01	65.600	154.66	100.00	mg/kg	5.1	89.1	20	75 - 125	
Molybdenum	DUP	2214009-01	ND	ND		mg/kg			20		
	MS	2214009-01	ND	94.052	100.00	mg/kg		94.1		75 - 125	
	MSD	2214009-01	ND	92.315	100.00	mg/kg	1.9	92.3	20	75 - 125	

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American Scientific Laboratories
2520 North San Fernando
Los Angeles, CA 90065

Reported: 06/21/2022 11:47
Project: Solid
Project Number: 2206012
Project Manager: Molky Brar

Total Concentrations (TTLC)

Quality Control Report - Precision & Accuracy

Constituent	Type	Source Sample ID	Source Result	Result	Spike Added	Units	RPD	Percent Recovery	Control Limits RPD	Control Limits Percent Recovery	Lab Quals
QC Batch ID: B142177	Used client sample: Y - Description: 2206012-01, 06/14/2022 07:40										
Nickel	DUP	2214009-01	12.750	12.057		mg/kg	5.6		20		
	MS	2214009-01	12.750	105.61	100.00	mg/kg		92.9		75 - 125	
	MSD	2214009-01	12.750	102.35	100.00	mg/kg	3.1	89.6	20	75 - 125	
Selenium	DUP	2214009-01	ND	ND		mg/kg			20		
	MS	2214009-01	ND	19.109	20.000	mg/kg		95.5		75 - 125	
	MSD	2214009-01	ND	17.156	20.000	mg/kg	10.8	85.8	20	75 - 125	
Silver	DUP	2214009-01	0.17278	0.17001		mg/kg	1.6		20		J
	MS	2214009-01	0.17278	9.3995	10.000	mg/kg		92.3		75 - 125	
	MSD	2214009-01	0.17278	9.1427	10.000	mg/kg	2.8	89.7	20	75 - 125	
Thallium	DUP	2214009-01	ND	ND		mg/kg			20		
	MS	2214009-01	ND	95.011	100.00	mg/kg		95.0		75 - 125	
	MSD	2214009-01	ND	95.785	100.00	mg/kg	0.8	95.8	20	75 - 125	
Vanadium	DUP	2214009-01	36.558	35.378		mg/kg	3.3		20		
	MS	2214009-01	36.558	131.32	100.00	mg/kg		94.8		75 - 125	
	MSD	2214009-01	36.558	125.64	100.00	mg/kg	4.4	89.1	20	75 - 125	
Zinc	DUP	2214009-01	133.62	126.95		mg/kg	5.1		20		
	MS	2214009-01	133.62	223.39	100.00	mg/kg		89.8		75 - 125	
	MSD	2214009-01	133.62	212.09	100.00	mg/kg	5.2	78.5	20	75 - 125	

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American Scientific Laboratories
2520 North San Fernando
Los Angeles, CA 90065

Reported: 06/21/2022 11:47
Project: Solid
Project Number: 2206012
Project Manager: Molky Brar

Notes And Definitions

J	Estimated Value (CLP Flag)
MDL	Method Detection Limit
ND	Analyte Not Detected
PQL	Practical Quantitation Limit
A10	Detection and quantitation limits were raised due to matrix interference.

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Appendix G

Additional Phase II Environmental Site Assessment

Rincon Consultants, Inc.
180 North Ashwood Avenue
Ventura, California 93003

805 644 4455

info@rinconconsultants.com
www.rinconconsultants.com

January 19, 2023
Project No.: 21-12270

Captain J Koebel, The Salvation Army
c/o Stacey Estes, Consultant to The Salvation Army
16941 Keegan Avenue
Carson, California 90746
Via email: staceylestes@aol.com

Subject: Additional Phase II Environmental Site Assessment
Bell Oasis II, Portion of 5600 Rickenbacker Road
Bell, California

Dear Captain Koebel:

Rincon Consultants, Inc. (Rincon) is pleased to submit this letter report summarizing the results of an Additional Phase II Environmental Site Assessment (ESA) conducted at the Bell Oasis II property located on a portion of 5600 Rickenbacker Road in Bell, California (site; Figure 1). The Additional Phase II ESA was conducted for The Salvation Army and comprised of a soil assessment to achieve horizontal and vertical delineation of lead- and arsenic-impacted soil, such that a remedial action plan can be developed and implemented prior to project construction.

Project Background

Rincon's draft Phase I ESA for the site, dated January 17, 2022, identified the following Recognized Environmental Conditions (RECs):

Recognized Environmental Conditions

1. Southern adjacent railroad tracks for over 80 years
2. Southern adjacent open release case (Valspar site – 5501 East Slauson Avenue) with volatile organic compound (VOC)-impacted soil vapor and groundwater

To evaluate the potential site impact associated with the southern adjacent railroad tracks, Rincon recommended conducting a subsurface soil investigation. To evaluate the potential site impact associated with the southern adjacent open release case, Rincon recommended conducting a soil vapor assessment at the site.

Previous Soil Site Assessment Activities

April 2022

On April 11, 2022, Rincon oversaw the advancement of two soil borings (RB-1 and RB-2) to 2 feet below ground surface (bgs). Soil samples were collected at depths of 0.5 and 2 feet bgs; 0.5-foot samples were analyzed for Title 22 Metals, organochlorine pesticides (OCPs) and total petroleum hydrocarbons (TPH),

while 2-foot samples were solely analyzed for Title 22 Metals. OCPs were detected below their respective San Francisco Bay Regional Water Quality Control Board (SFB RWQCB) environmental screening levels (ESLs)[1] for residential land use in the soil samples analyzed. TPH were not detected above laboratory practical quantitation limits in the soil samples analyzed. Arsenic and lead were detected above their respective residential ESLs and were detected at maximum concentrations of 49.4 milligrams per kilogram (mg/kg) and 106 mg/kg, respectively. Soluble threshold limit concentration (STLC) analysis for arsenic was performed for the 2-foot soil samples collected from RB-1 and RB-2 and the detected concentrations were below the STLC California hazardous waste threshold of 5.0 milligrams per liter (mg/L). STLC analysis for lead was performed for the 0.5-foot soil sample collected from RB-2 and the reported concentration (5.30 mg/L) exceeded the STLC California hazardous waste threshold. Therefore, it was determined that the lead-impacted soil located in the vicinity of RB-2 would be considered a California hazardous waste if disturbed.

June 2022

Rincon re-mobilized to the site on June 14, 2022, to further delineate the extent of lead- and arsenic-impacted soil. An additional six soil borings (RB-3 through RB-8) were advanced to a depth of 2 feet bgs. Soil samples were collected at depths of 0.5 and 2 feet bgs and were analyzed for Title 22 Metals. Lead was detected at a maximum concentration of 66 mg/kg in soil boring RB-3, and STLC analysis for lead indicated that the leachable lead concentration was below the STLC California hazardous waste threshold. Therefore, it was determined that the lead-impacted soil in the vicinity of RB-3 would not be considered a California hazardous waste if disturbed.

Rincon recommended step-out sampling in the areas of arsenic- and lead-impacted soil (RB-1, RB-2, and RB-5) to delineate the extent of impacted soil.

Objectives and Scope of Work

The Additional Phase II ESA comprised of a soil assessment to achieve horizontal and vertical delineation, such that a remedial action plan can be developed prior to project construction.

The Additional Phase II ESA conducted at the site included the following scope of work, consistent with Rincon's proposal dated September 14, 2022:

- Mark-outs and Underground Service Alert notification
- Preparation of a site-specific Health and Safety Plan
- Advancement of ten soil borings (RB-1A, RB-2A, and RB-9 through RB-16) using a hand auger to a total depth of 5 feet bgs
- Collection of soil samples
- Analysis of soil samples for total lead and total arsenic by United States Environmental Protection Agency (EPA) Method 6010B
- STLC analysis by the California Waste Extraction Test and Toxicity Characteristic Leaching Procedure (TCLP) analysis by EPA Method 1311 as needed for waste soil characterization

[1] San Francisco Bay Regional Water Quality Control Board. 2019. Environmental Screening Levels (ESLs). July 2019.

- Evaluation of laboratory analytical results and comparison of analyte concentrations to applicable environmental and human health screening levels

Soil Sampling and Laboratory Analytical Methods

On November 16, 2022, Rincon advanced a total of ten soil borings (RB-1A, RB-2A, and RB-9 through RB-16) using a hand auger to maximum depths of 5 feet bgs (Figure 2). Due to the presence of asphalt across the site, asphalt coring was required at each location. Because available data for shallow soil exists from previous investigations, soil samples were collected from depths of 3, 4, and 5 feet bgs from borings RB-1A and RB-2A. Soil samples were collected at depths of 0.5, 2, 3, 4, and 5 feet bgs from borings RB-9 through RB-16. The soil samples were placed in laboratory-supplied glass jars, capped, labeled, and stored on ice pending delivery to a state-accredited analytical laboratory under chain-of-custody documentation.

Initially, soil samples collected from 3 and 4 feet bgs (RB-1A and RB-2A only) and from 0.5 and 2 feet bgs (RB-9 through RB-16 only) were analyzed for total arsenic and total lead by EPA Method 6010B. Based on the laboratory analytical results of shallow samples, the 3- and 4-foot soil samples collected from RB-11 were analyzed for total arsenic and total lead, and lead STLC analysis was performed for the soil samples collected from RB-11 at 2 feet bgs as well as RB-12 and RB-14 at 0.5 feet bgs. Rationale for the ten soil boring locations is provided in Table 1 below.

Table I Sample Location Rationale

Soil Boring	Action Date	Description
RB-1A	11/16/22	Sampled adjacent to RB-1 due to elevated arsenic concentrations to achieve vertical delineation
RB-2A	11/16/22	Sampled adjacent to RB-2 due to elevated arsenic and lead concentrations to achieve vertical delineation
RB-9	11/16/22	Located near the northwest corner of the site; sampled for arsenic and lead to achieve horizontal delineation
RB-10	11/16/22	Located in the northwest section of the site; sampled for arsenic and lead to achieve horizontal delineation
RB-11	11/16/22	Located near the southwest corner of the site; sampled for arsenic and lead to achieve horizontal delineation
RB-12	11/16/22	Centrally located along the southern boundary of the site; sampled for arsenic and lead to achieve horizontal and vertical delineation
RB-13	11/16/22	Centrally located along the northern border of the site (parallel to K St.); sampled for arsenic and lead to achieve horizontal and vertical delineation
RB-14	11/16/22	Centrally located east of RB-12, along the southern boundary of the site; sampled for arsenic and lead to achieve horizontal and vertical delineation
RB-15	11/16/22	Located in the northeast section of the site; sampled for arsenic and lead to achieve horizontal delineation
RB-16	11/16/22	Located in the northeast corner of the site; sampled for arsenic and lead to achieve horizontal and vertical delineation

Soil Analytical Results

Summaries of the soil laboratory analytical results for total arsenic and total lead are provided below and are included in Table 1. Summaries of the soil laboratory analytical results for STLC and/or TCLP analysis for arsenic and lead are included in Table 2 and Table 3, respectively. The laboratory analytical reports for soil samples are included in Attachment 1.

Total Arsenic

Arsenic was detected above residential ESLs in each of the soil samples analyzed. With the exception of the 2-foot samples for RB-10 and RB-16, arsenic also was detected above construction worker ESLs. Although exceeding both residential and construction worker ESLs, the detected concentrations are within typical background arsenic concentrations as defined by the Kearney Foundation (1996) and below the upper-bound arsenic concentration reported by the Department of Toxic Substances Control (DTSC) in Los Angeles County (DTSC 2020).[2]

Total Lead

Lead was reported above background concentrations in California as defined by the Kearney Foundation (1996). Additionally, lead was detected at concentrations above the residential ESL in three samples (i.e., RB-11 at 2 feet bgs, RB-12 at 0.5 feet bgs, and RB-14 at 0.5 feet bgs). However, the concentrations of lead in the samples collected at 3 feet bgs in RB-1, and 1-foot bgs in RB-12 and RB-14 were below the residential ESL. In addition, the detected lead concentrations in each sample analyzed did not exceed the construction work ESL.

Three soil samples contained lead exceeding the trigger level to conduct STLC analysis (i.e., 50 mg/kg). Therefore, lead STLC analysis was performed on the soil sample collected from RB-11 at 2 feet bgs, as well as RB-12 and RB-14 at 0.5 feet bgs. The detected lead STLC concentrations were below the lead STLC threshold (i.e., 5.0 mg/L).

Conclusions and Recommendations

The extent of soil impacted with arsenic and/or lead concentrations exceeding residential ESLs has been generally delineated vertically and horizontally. Arsenic and lead impacted soil conclusions are presented in Table 2.

Table II Impacted Soil Conclusions

Constituent of Concern	Soil Boring	Conclusions
Arsenic	RB-1A RB-2A	Concentrations exceed typical background concentrations in California, as well as residential and construction worker ESLs. Soil would not be characterized as a California hazardous waste if disturbed.
Lead	RB-2A, RB-11, RB-12, RB-14	Concentrations exceed residential ESLs and are generally limited to depths of 3 feet bgs. Soil in the vicinity of RB-2A will be characterized as a California hazardous waste once disturbed.

[2] Kearney (1996) is available online at: https://ucanr.edu/sites/poultry/files/297094.pdf
DTSC (2020) is available online at: https://dtsc.ca.gov/wp-content/uploads/sites/31/2018/01/Background_Arsenic.pdf

Rincon understands that the proposed redevelopment includes the removal and re-compaction of onsite soil for geotechnical purposes. Because the concentrations of arsenic and lead in soil in portions of the site present a potential risk to human health for the future proposed residential land use, Rincon recommends the following:

- Soil containing arsenic and/or lead exceeding their respective residential ESLs be excavated and disposed offsite prior to construction grading activities. In addition, confirmation soil sampling and analysis for total arsenic and total lead should be conducted in the excavation sidewalls and bottoms, to demonstrate that concentrations above residential ESLs were successfully removed.
- A Soil Management Plan should be prepared and implemented during remedial soil excavation activities to mitigate risk to construction workers and the community, and to describe how to properly handle and dispose of arsenic and lead impacted soils.
- Preparation of a health and safety plan for the remedial soil activities to outline the procedures that onsite personnel will follow to minimize the potential for health and safety hazards during the course of work to be performed at the site.
- If oversight by a regulatory agency is required for project financing or lending and/or The Salvation Army would like concurrence from a regulatory agency on the site remediation activities, Rincon recommends engaging with a regulatory agency as soon as possible.

Limitations

This report has been prepared for and is intended for the exclusive use of The Salvation Army. The contents of this report should not be relied upon by any other party without the written consent of Rincon. Our conclusions regarding the site are based on observations of existing site conditions and the results of the subsurface sampling program described in this report. The results of this evaluation are qualified by the fact that only limited sampling and analytical testing was conducted during this assessment.

This scope was not intended to completely establish the quantities and distribution of contaminants present at the site. The concentrations of contaminants measured at any given location may not be representative of conditions at other locations. Furthermore, conditions may change at any particular location as a function of time in response to natural conditions, chemical reactions, and other events. Conclusions regarding the condition of the site do not represent a warranty that all areas within the site are similar to those sampled.

We appreciate the opportunity to support you on this project. Please contact us with any questions or concerns.

Sincerely,
Rincon Consultants, Inc.

Austin Moore
Environmental Scientist III

Ryan Thacher, PE, PhD
Director, Site Assessment and Remediation

Lisa Bestard
Senior Environmental Scientist

Figures

Figure 1 Vicinity
Figure 2 Sampling Locations

Attached Tables

Table 1 Soil Sample Analytical Results – Metals
Table 2 Soil Sample Analytical Results – Lead STLC and TCLP
Table 3 Soil Sample Analytical Results – Arsenic STLC

Attachments

Attachment 1 Soil Sample Laboratory Analytical Reports

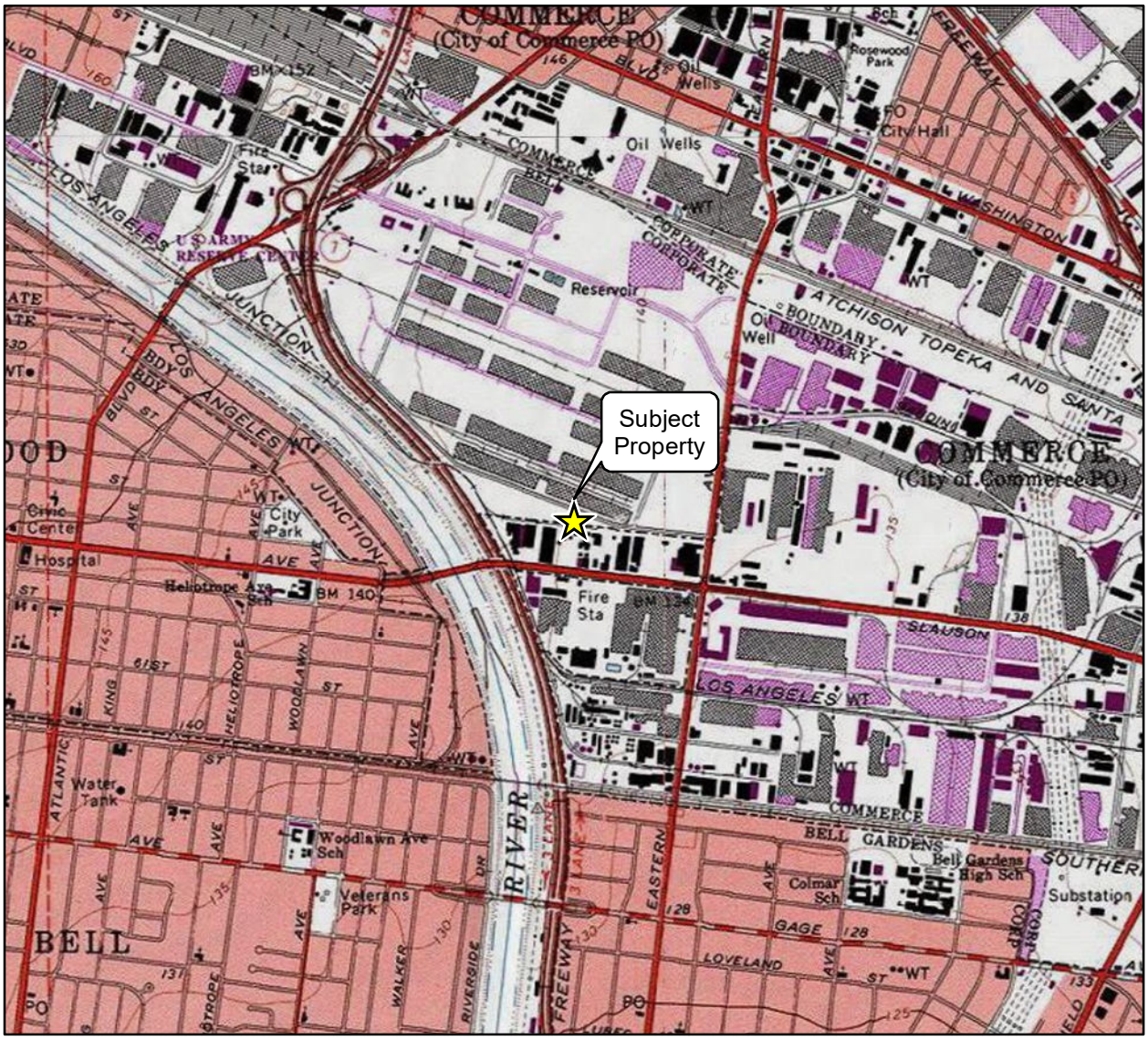
Tables

Table 3 Soil Sample Analytical Results – Metals
Table 4 Soil Sample Analytical Results – Lead STLC and TCLP
Table 5 Soil Sample Analytical Results – Arsenic STLC

Attachments

Attachment 1 Soil Sample Laboratory Analytical Reports

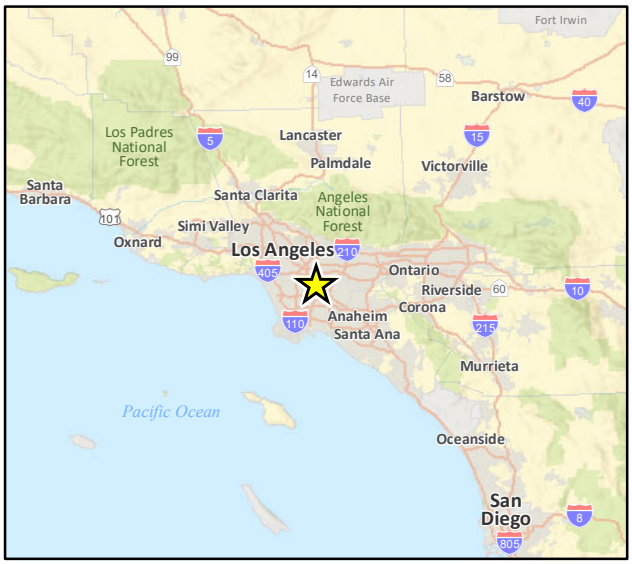
Figures



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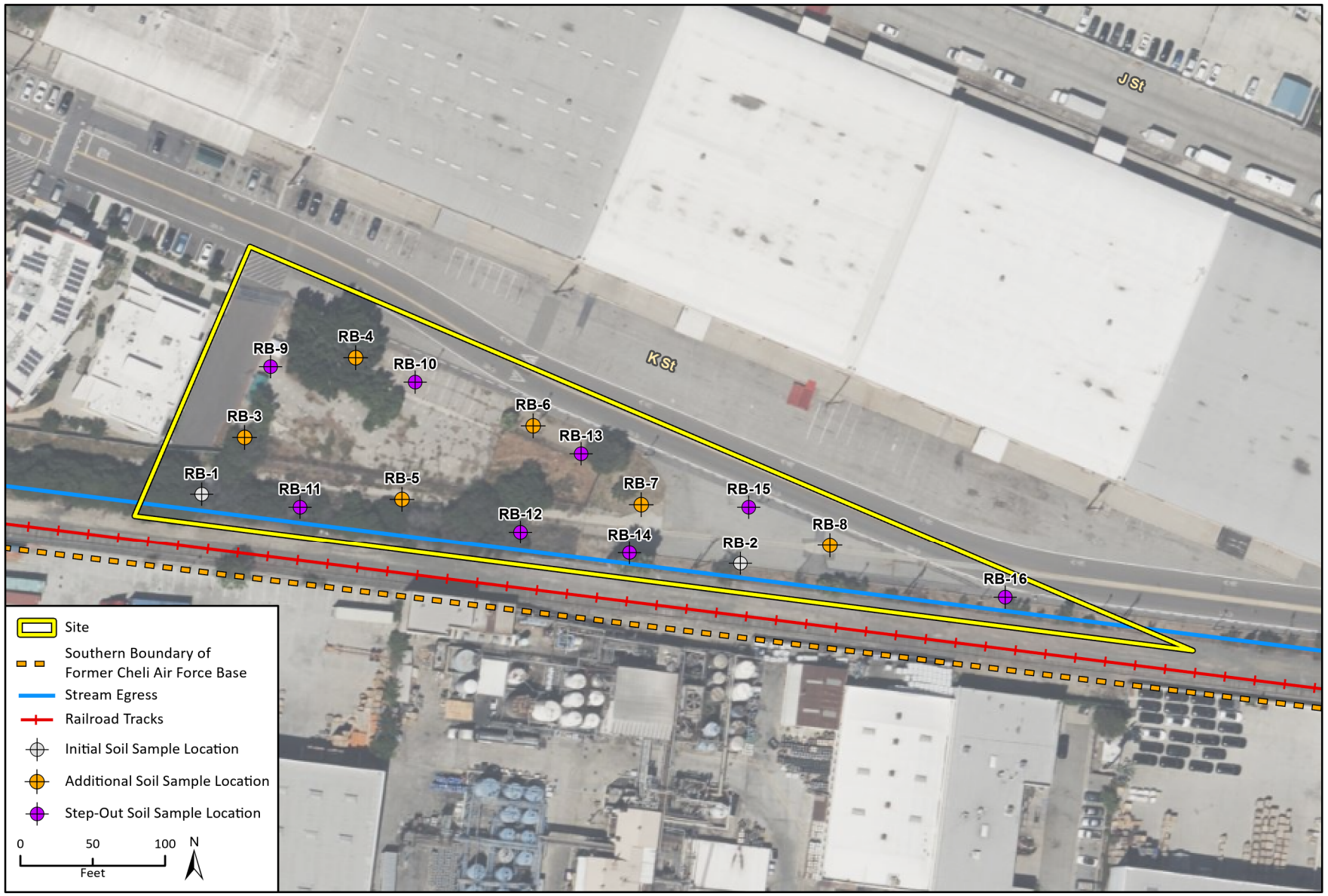
0 1,000 2,000
Scale in Feet

N



Vicinity

Figure 1



Imagery provided by Microsoft Bing and its licensors © 2023.

Sampling Location Map

Figure 2

Tables

Table 1: Soil Sample Analytical Results - Metals

Sample ID	Sample Depth (feet bgs)	Sampling Date	Arsenic[1]	Lead
			mg/kg	
RB-1	0.5	4/11/2022	49.4	21.2
	2		64.1	22.2
RB-1A	3	11/16/2022	8.41	4.87
	4		3.11	1.98
RB-2	0.5	4/11/2022	25.7	106
	2		66.5	34.0
RB-2A	3	11/16/2022	2.40	6.6
	4		1.23	2.29
RB-3	0.5	6/14/2022	5.2 A10	66 A10
	2		2.8 A10	1.2 J, A10
RB-4	0.5	6/14/2022	4.8 A10	13 A10
	2		4.1 A10	1.6 J, A10
RB-5	0.5	6/14/2022	22 A10	29 A10
	2		2.9 A10	2.3 J, A10
RB-6	0.5	6/14/2022	7.7 A10	17 A10
	2		2.7 A10	1.2 J, A10
RB-7	0.5	6/14/2022	5.2 A10	2.9 J, A10
	2		4.5 A10	3.8 J, A10
RB-8	0.5	6/14/2022	5.2 A10	3.7 J, A10
	2		5.8 A10	8.9 J, A10
RB-9	0.5	11/16/2022	2.30	17.3
	2		1.62	11.1
RB-10	0.5	11/16/2022	2.23	14.6
	2		0.665	2.54
RB-11	0.5	11/16/2022	8.80	24.1
	2		3.53	86.3
	3		3.91	64.8
	4		2.86	38.5
RB-12	0.5	11/16/2022	8.34	97.5
	2		3.82	18.2
RB-13	0.5	11/16/2022	4.12	33.6
	2		2.05	8.81
RB-14	0.5	11/16/2022	9.17	97.6
	2		2.84	18.2
RB-15	0.5	11/16/2022	1.55	7.50
	2		1.85	3.56

Table 1: Soil Sample Analytical Results - Metals

Sample ID	Sample Depth (feet bgs)	Sampling Date	Arsenic[1]	Lead
			mg/kg	
RB-16	0.5	11/16/2022	**1.74**	**4.22**
	2		**0.86**	**3.94**
Residential ESLs			*0.067*	*80*
Construction Worker ESLs			*0.98*	*160*
Background Concentrations			*0.6-11*	*12.4 - 97.1*
STLC Screening Criteria/ Thresholds			*50*	*50*
TCLP Screening Criteria/ Thresholds			*100*	*100*

Notes

1 - Arsenic concentrations compared to Kearny background concentration

Definitions

bold	analyte detected above method detection limit or Kearny background concentration for
	concentrations detected above Residential ESLs
	concentrations detected above Construction Worker ESLs
50	concentrations detected above the STLC Threshold
100	concentrations detected above the STLC and TCLP Threshold
<	not detected above the practical quantitation limit
mg/kg	milligrams per kilogram
bgs	below ground surface
J	estimated value
A10	detection and quantitation limits were raised due to matrix interference
STLC	soluble threshold limit concentration
TCLP	toxicity characteristic leaching procedure

Screening Levels

Background Concentration - Kearney, Background Concentrations of Trace and Major Elements

ESLs - Environmental Screening Levels, San Francisco Bay Regional Water Quality Control Board, July
Direct Exposure Human Health Risk Levels (Table S-1), Cancer Risk or Non-Cancer Hazard (lower valu
Residential Shallow Soil Exposure

Table 2: Soil Sample Analytical Results - Lead STLC and TCLP

Sample ID	Sample Depth (feet bgs)	Lead STLC	Lead TCLP
		mg/L	
RB-2	0.5	**5.30**	<0.500
RB-3	0.5	**3.28**	--
RB-11	2	**3.43**	--
RB-12	0.5	**3.30**	--
RB-14	0.5	<0.50	--
STLC/TCLP Threshold		5	5

Definitions

bold	analyte detected above method detection limit
	concentrations detected above STLC or TCLP threshold
<	not detected above the practical quantitation limit
--	not analyzed
mg/l	milligrams per liter
bgs	below ground surface
STLC	soluble threshold limit concentration
TCLP	toxicity characteristic leaching procedure

Table 3: Soil Sample Analytical Results - Arsenic STLC

Sample ID	Sample Depth (feet bgs)	Arsenic STLC mg/L
RB-1	0.5	--
	2	**4.68**
RB-2	0.5	--
	2	**3.57**
	STLC Threshold	5

Definitions

bold	analyte detected above method detection limit
	concentrations detected above STLC threshold
mg/L	milligrams per liter
bgs	below ground surface
STLC	soluble threshold limit concentration

Attachment 1

Soil Sample Laboratory Analytical Reports

American Scientific Laboratories, LLC
Environmental Testing Services
2520 N. San Fernando Road, LA CA 90065 Tel: (323) 223-9700 • Fax: (323) 223-9500

29 November 2022

Austin Moore

Rincon Consultants, Inc.

180 North Ashwood Avenue

Ventura, CA 93003

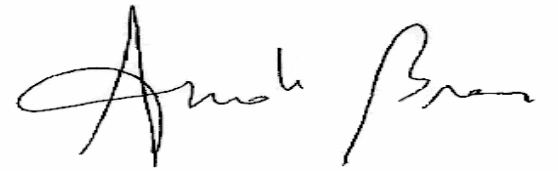
Work Order #: 2211129

Project Name: Bell Oasis

Project ID: [none]

Site Address: 5600 Rickenbacker Rd Bell Gardens CA

Enclosed are the results of analyses for samples received by the laboratory on November 16, 2022. If you have any questions concerning this report, please feel free to contact us.



Molky Brar

Laboratory Director

American Scientific Laboratories, LLC (ASL) accepts sample materials from clients for analysis with the assumption that all of the information provided to ASL verbally or in writing by our clients (and/or their agents), regarding samples being submitted to ASL, is complete and accurate. ASL accepts all samples subject to the following conditions:

1) ASL is not responsible for verifying any client-provided information regarding any samples submitted to the laboratory.
2) ASL is not responsible for any consequences resulting from any inaccuracies , omissions, or misrepresentations contained in client-provided information regarding samples submitted to the laboratory.

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COC# № 84855 GLOBAL ID _____ E REPORT: PDF EDF EDD ASL JOB# 2211129

CHAIN OF CUSTODY RECORD

Company: Rincon Consultants		Report To: Austin Moore	
Address: 180 N Ashwood Ave	Project Name: Bell Oasis	Address:	
Ventura, CA 93003	Site Address: 5600 Rickenbacker Road	Invoice To:	
Telephone: / Fax: 909-253-0705	Bell Gardens, CA 90201	Address:	
Special Instruction:	Project ID:		
E-mail: amoore@rinconconsultants.com	Project Manager: Austin Moore	P.O.#:	

ANALYSIS REQUESTED

ITEM	LAB USE ONLY Lab ID	SAMPLE DESCRIPTION Sample ID	Date	Time	Container(s) #	Type	Matrix	Preservation	Total Lead EPA Method 6010B	Total Arsenic EPA Method 6010B	Remarks
	2211129-01	RB-1A-3	11/16/22	0929	1	9oz Jar	Soil	N/A	✔	✔	
	2211129-02	RB-1A-4	11/16/22	0931	1	9oz Jar	Soil	N/A	✔	✔	
	2211129-03	RB-1A-5	11/16/22	0933	1	9oz Jar	Soil	N/A	✔	✔	HOLD
	2211129-04	RB-2A-3	11/16/22	1106	1	9oz Jar	Soil	N/A	✔	✔	
	2211129-05	RB-2A-4	11/16/22	1108	1	9oz Jar	Soil	N/A	✔	✔	
	2211129-06	RB-2A-5	11/16/22	1109	1	9oz Jar	Soil	N/A	✔	✔	HOLD
	2211129-07	RB-9-0.5	11/16/22	0940	1	9oz Jar	Soil	N/A	✔	✔	
	2211129-08	RB-9-2	11/16/22	0942	1	9oz Jar	Soil	N/A	✔	✔	
	2211129-09	RB-9-3	11/16/22	0944	1	9oz Jar	Soil	N/A	✔	✔	HOLD
	2211129-10	RB-9-4	11/16/22	0945	1	9oz Jar	Soil	N/A	✔	✔	HOLD

Collected By: Mike Girod	Date 11/16/22 Time	Relinquished By:	Date Time
Relinquished By:	Date 11/16/22 Time 1255	Received For Laboratory Janet Chin	Date 11-16-22 Time 12:55
Received By:	Date Time	Condition of Sample:	

TAT: ~~Normal~~ Rush

White - Report, Yellow - Laboratory, Pink - Client

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Special Instruction:	Project ID:		
E-mail: amoore@rinconconsultants.com	Project Manager: Austin Moore	P.O.#:	

ITEM	LAB USE ONLY Lab ID	SAMPLE DESCRIPTION Sample ID	Date	Time	Container(s) #	Container(s) Type	Matrix	Preservation	Total Lead EPA method 6010B	Total Arsenic EPA Method 6010B	ANALYSIS REQUESTED	Remarks
	2211129-11	RB-9-5	11/16/22	0947	1	9oz Jar	Soil	N/A	✔	✔		HOLD
	2211129-12	RB-10-0.5	11/16/22	1003	1	9oz Jar	Soil	N/A	✔	✔		
	2211129-13	RB-10-2	11/16/22	1004	1	9oz Jar	Soil	N/A	✔	✔		
	2211129-14	RB-10-3	11/16/22	1006	1	9oz Jar	Soil	N/A	✔	✔		HOLD
	2211129-15	RB-10-4	11/16/22	1008	1	9oz Jar	Soil	N/A	✔	✔		HOLD
	2211129-16	RB-10-5	11/16/22	1009	1	9oz Jar	Soil	N/A	✔	✔		HOLD
	2211129-17	RB-11-0.5	11/16/22	0908	1	9oz Jar	Soil	N/A	✔	✔		
	2211129-18	RB-11-2	11/16/22	0911	1	9oz Jar	Soil	N/A	✔	✔		
	2211129-19	RB-11-3	11/16/22	0913	1	9oz Jar	Soil	N/A	✔	✔		HOLD
	2211129-20	RB-11-4	11/16/22	0915	1	9oz Jar	Soil	N/A	✔	✔		HOLD

Collected By: Mike Girod	Date 11/16/22 Time	Relinquished By:	Date Time
Relinquished By: MG	Date 11/16/22 Time 1255	Received For Laboratory Janet Chun	Date 11-16-22 Time 1255
Received By:	Date Time	Condition of Sample:	

TAT: ✔ Normal / Rush

White - Report, Yellow - Laboratory, Pink - Client

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ITEM	LAB USE ONLY Lab ID	SAMPLE DESCRIPTION Sample ID	Date	Time	Container(s) #	Type	Matrix	Preservation	Total Lead EPA Method 6010B	Total Arsenic EPA Method 6010B	Remarks
	2211129-21	RB-11-5	11/16/22	0917	1	9oz Jar	Soil	N/A	✔	✔	HOLD
	2211129-22	RB-12-0.5	11/16/22	0840	1	9oz Jar	Soil	N/A	✔	✔	
	2211129-23	RB-12-2	11/16/22	0849	1	9oz Jar	Soil	N/A	✔	✔	
	2211129-24	RB-12-3	11/16/22	0851	1	9oz Jar	Soil	N/A	✔	✔	HOLD
	2211129-25	RB-12-4	11/16/22	0854	1	9oz Jar	Soil	N/A	✔	✔	HOLD
	2211129-26	RB-12-5	11/16/22	0856	1	9oz Jar	Soil	N/A	✔	✔	HOLD
	2211129-27	RB-13-0.5	11/16/22	1019	1	9oz Jar	Soil	N/A	✔	✔	
	2211129-28	RB-13-2	11/16/22	1021	1	9oz Jar	Soil	N/A	✔	✔	
	2211129-29	RB-13-3	11/16/22	1022	1	9oz Jar	Soil	N/A	✔	✔	HOLD
	2211129-30	RB-13-4	11/16/22	1023	1	9oz Jar	Soil	N/A	✔	✔	HOLD

Collected By: Mike Girod Date 11/16/22 Time

Relinquished By: Date Time

Relinquished By: Date 11/16/22 Time 1255

Received For Laboratory: Janet Chin Date 11-16-22 Time 12:55

Received By: Date Time

Condition of Sample:

TAT: Normal / Rush

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CHAIN OF CUSTODY RECORD

Company: Rincon Consultants	Report To: Austin Moore
Address: 180 N Ashwood Ave	Project Name: Bell Oasis
Ventura, CA 93003	Site Address: 5600 Rickenbacker Road
Telephone: / Fax: 909-253-0705	Bell Gardens, CA 90201
Special Instruction:	Project ID:
E-mail: amoore@rinconconsultants.com	Project Manager: Austin Moore
	Address:
	Invoice To:
	Address:
	P.O.#:

ANALYSIS REQUESTED

ITEM	LAB USE ONLY Lab ID	SAMPLE DESCRIPTION Sample ID	Date	Time	Container(s) #	Container(s) Type	Matrix	Preservation	Total Lead EPA Method 6010B	Total Arsenic EPA Method 6010B	Total Lead EPA Method 6010B MS	Remarks
	2211129-31	RB-13-5	11/16/22	1025	1	9oz Jar	Soil	N/A	✔	✔		HOLD
	2211129-32	RB-14-0.5	11/16/22	0805	1	9oz Jar	Soil	N/A	✔	✔		
	2211129-33	RB-14-2	11/16/22	0815	1	9oz Jar	Soil	N/A	✔	✔		
	2211129-34	RB-14-3	11/16/22	0819	1	9oz Jar	Soil	N/A	✔	✔		HOLD
	2211129-35	RB-14-4	11/16/22	0822	1	9oz Jar	Soil	N/A	✔	✔		HOLD
	2211129-36	RB-14-5	11/16/22	0826	1	9oz Jar	Soil	N/A	✔	✔		HOLD
	2211129-37	RB-15-0.5	11/16/22	1054	1	9oz Jar	Soil	N/A	✔	✔		
	2211129-38	RB-15-2	11/16/22	1055	1	9oz Jar	Soil	N/A	✔	✔		
	2211129-39	RB-15-3	11/16/22	1056	1	9oz Jar	Soil	N/A	✔	✔		HOLD
	2211129-40	RB-15-4	11/16/22	1057	1	9oz Jar	Soil	N/A	✔	✔		HOLD

Collected By: Mike Girod	Date 11/16/22	Time	Relinquished By:	Date	Time
Relinquished By:	Date 11/16/22	Time 1255	Received For Laboratory Janet Chin	Date 11-16-22	Time 12:55
Received By:	Date	Time	Condition of Sample:		

TAT: ✔ Normal / Rush

White - Report, Yellow - Laboratory, Pink - Client

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COC# № 84855 GLOBAL ID _____ E REPORT: PDF EDF EDD ASL JOB# 2211129

CHAIN OF CUSTODY RECORD

Company: Rincon Consultants		Report To: Austin Moore	
Address: 180 N Ashwood Ave	Project Name: Bell Oasis	Address:	
Ventura, CA 93003	Site Address: 5600 Rickenbacker Road	Invoice To:	
Telephone: / Fax: 909-253-0705	Bell Gardens, CA 90201	Address:	
Special Instruction:	Project ID:		
E-mail: amoore@rinconconsultants.com	Project Manager: Austin Moore	P.O.#:	

ITEM	LAB USE ONLY Lab ID	SAMPLE DESCRIPTION Sample ID	Date	Time	Container(s) #	Container(s) Type	Matrix	Preservation	Total Lead EPA Meth. 6010B	Total Arsenic EPA Method 6010B	Remarks
	2211129-41	RB-15-5	11/16/22	1058	1	9oz Jar	Soil	N/A	✔	✔	HOLD
	2211129-42	RB-16-0.5	11/16/22	1123	1	9oz Jar	Soil	N/A	✔	✔	
	2211129-43	RB-16-2	11/16/22	1124	1	9oz Jar	Soil	N/A	✔	✔	
	2211129-44	RB-16-3	11/16/22	1125	1	9oz Jar	Soil	N/A	✔	✔	HOLD
	2211129-45	RB-16-4	11/16/22	1126	1	9oz Jar	Soil	N/A	✔	✔	HOLD
	2211129-46	RB-16-5	11/16/22	1127	1	9oz Jar	Soil	N/A	✔	✔	HOLD

ANALYSIS REQUESTED

Collected By: Mike Girod	Date 11/16/22	Time	Relinquished By:	Date	Time
Relinquished By: MRS	Date 11/16/22	Time 1255	Received For Laboratory Janet Chen	Date 11-16-22	Time 1255
Received By:	Date	Time	Condition of Sample:		

TAT: Normal / Rush

White - Report, Yellow - Laboratory, Pink - Client

Job# 2211129

ASL Sample Receipt Form

Client: Rincon Consultants

Date: 11-16-2022

Sample Information:

Temperature: 5.8 °C IR Gun # 1 ☐ Blank ☑ Sample

Custody Seal: ☐ Yes ☑ No ☐ Not Available

Received Within Holding Time: ☑ Yes ☐ No

Container:

Proper Containers and Sufficient Volume: ☑ Yes ☐ No

Soil: ☐ 4oz ☑ 8oz ☐ Sleeve ☐ VOA

Water: ☐ 500AG ☐ 1AG ☐ 125PB ☐ 250PB ☐ 500PB ☐ VOA ☐ Other _____

Air: ☐ Tedlar®

Sample Containers Intact: ☑ Yes ☐ No

Trip Blank ☐ Yes ☑ No

Chain-of-Custody (COC):

Received: ☑ Yes ☐ No

Samplers Name: ☑ Yes ☐ No

Container Labels match COC: ☑ Yes ☐ No

COC documents received complete: ☑ Yes ☐ No

Proper Preservation Noted: ☑ Yes ☐ No

Completed By: Janet Chin

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2520 N. San Fernando Road, LA CA 90065 Tel: (323) 223-9700 • Fax: (323) 223-9500

Rincon Consultants, Inc.	Project: Bell Oasis	Work Order No: 2211129
180 North Ashwood Avenue	Project Number: [none]	**Reported:**
Ventura CA, 93003	Project Manager: Austin Moore	11/29/2022 18:34

ANALYTICAL SUMMARY REPORT

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
RB-1A-3	2211129-01	Solid	11/16/2022 09:29	11/16/2022 12:55
RB-1A-4	2211129-02	Solid	11/16/2022 09:31	11/16/2022 12:55
RB-2A-4	2211129-05	Solid	11/16/2022 11:08	11/16/2022 12:55
RB-9-0.5	2211129-07	Solid	11/16/2022 09:40	11/16/2022 12:55
RB-9-2	2211129-08	Solid	11/16/2022 09:42	11/16/2022 12:55
RB-10-0.5	2211129-12	Solid	11/16/2022 10:03	11/16/2022 12:55
RB-10-2	2211129-13	Solid	11/16/2022 10:04	11/16/2022 12:55
RB-11-0.5	2211129-17	Solid	11/16/2022 09:08	11/16/2022 12:55
RB-11-2	2211129-18	Solid	11/16/2022 09:11	11/16/2022 12:55
RB-12-0.5	2211129-22	Solid	11/16/2022 08:40	11/16/2022 12:55
RB-12-2	2211129-23	Solid	11/16/2022 08:49	11/16/2022 12:55
RB-13-0.5	2211129-27	Solid	11/16/2022 10:19	11/16/2022 12:55
RB-13-2	2211129-28	Solid	11/16/2022 10:21	11/16/2022 12:55
RB-14-0.5	2211129-32	Solid	11/16/2022 08:05	11/16/2022 12:55
RB-14-2	2211129-33	Solid	11/16/2022 08:15	11/16/2022 12:55
RB-15-0.5	2211129-37	Solid	11/16/2022 10:54	11/16/2022 12:55
RB-15-2	2211129-38	Solid	11/16/2022 10:55	11/16/2022 12:55
RB-16-0.5	2211129-42	Solid	11/16/2022 11:23	11/16/2022 12:55
RB-16-2	2211129-43	Solid	11/16/2022 11:24	11/16/2022 12:55

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Rincon Consultants, Inc.	Project: Bell Oasis	Work Order No: 2211129
180 North Ashwood Avenue	Project Number: [none]	**Reported:**
Ventura CA, 93003	Project Manager: Austin Moore	11/29/2022 18:34

Analytical Results

Client Sample ID: RB-1A-3

Laboratory Sample ID: 2211129-01 (Solid)

Analyte	Result	Notes	MDL	PQL	Units	Dilution	Prep Method	Analyzed	Analyst	Method
Total ICP Metals					Batch ID:	BK20311	Prepared:	11/22/2022 10:00		
Arsenic	**8.41**		0.357	1.00	mg/kg	1	3050B	11/28/2022 15:39	MB	SW846 6010B
Lead	**4.87**		0.175	0.500	mg/kg	1	3050B	11/28/2022 15:39	MB	SW846 6010B

Analytical Results

Client Sample ID: RB-1A-4

Laboratory Sample ID: 2211129-02 (Solid)

Analyte	Result	Notes	MDL	PQL	Units	Dilution	Prep Method	Analyzed	Analyst	Method
Total ICP Metals					Batch ID:	BK20311	Prepared:	11/22/2022 10:00		
Arsenic	**3.11**		0.357	1.00	mg/kg	1	3050B	11/28/2022 15:41	MB	SW846 6010B
Lead	**1.98**		0.175	0.500	mg/kg	1	3050B	11/28/2022 15:41	MB	SW846 6010B

Analytical Results

Client Sample ID: RB-2A-4

Laboratory Sample ID: 2211129-05 (Solid)

Analyte	Result	Notes	MDL	PQL	Units	Dilution	Prep Method	Analyzed	Analyst	Method
Total ICP Metals					Batch ID:	BK20311	Prepared:	11/22/2022 10:00		
Arsenic	**1.23**		0.357	1.00	mg/kg	1	3050B	11/28/2022 15:43	MB	SW846 6010B
Lead	**2.29**		0.175	0.500	mg/kg	1	3050B	11/28/2022 15:43	MB	SW846 6010B

Analytical Results

Client Sample ID: RB-9-0.5

Laboratory Sample ID: 2211129-07 (Solid)

Analyte	Result	Notes	MDL	PQL	Units	Dilution	Prep Method	Analyzed	Analyst	Method
Total ICP Metals					Batch ID:	BK20311	Prepared:	11/22/2022 10:00		
Arsenic	**2.30**		0.357	1.00	mg/kg	1	3050B	11/28/2022 15:45	MB	SW846 6010B
Lead	**17.3**		0.175	0.500	mg/kg	1	3050B	11/28/2022 15:45	MB	SW846 6010B

Analytical Results

Client Sample ID: RB-9-2

Laboratory Sample ID: 2211129-08 (Solid)

Analyte	Result	Notes	MDL	PQL	Units	Dilution	Prep Method	Analyzed	Analyst	Method
Total ICP Metals					Batch ID:	BK20312	Prepared:	11/22/2022 10:00		

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Amolk Brar, Lab Director

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Rincon Consultants, Inc.	Project: Bell Oasis	Work Order No: 2211129
180 North Ashwood Avenue	Project Number: [none]	**Reported:**
Ventura CA, 93003	Project Manager: Austin Moore	11/29/2022 18:34

Analytical Results

Client Sample ID: RB-9-2

Laboratory Sample ID: 2211129-08 (Solid)

Analyte	Result	Notes	MDL	PQL	Units	Dilution	Prep Method	Analyzed	Analyst	Method
Total ICP Metals					Batch ID:	BK20312	Prepared:	11/22/2022 10:00		
Arsenic	**1.62**		0.357	1.00	mg/kg	1	3050B	11/28/2022 16:03	MB	SW846 6010B
Lead	**11.1**		0.175	0.500	mg/kg	1	3050B	11/28/2022 16:03	MB	SW846 6010B

Analytical Results

Client Sample ID: RB-10-0.5

Laboratory Sample ID: 2211129-12 (Solid)

Analyte	Result	Notes	MDL	PQL	Units	Dilution	Prep Method	Analyzed	Analyst	Method
Total ICP Metals					Batch ID:	BK20312	Prepared:	11/22/2022 10:00		
Arsenic	**2.23**		0.357	1.00	mg/kg	1	3050B	11/28/2022 16:10	MB	SW846 6010B
Lead	**14.6**		0.175	0.500	mg/kg	1	3050B	11/28/2022 16:10	MB	SW846 6010B

Analytical Results

Client Sample ID: RB-10-2

Laboratory Sample ID: 2211129-13 (Solid)

Analyte	Result	Notes	MDL	PQL	Units	Dilution	Prep Method	Analyzed	Analyst	Method
Total ICP Metals					Batch ID:	BK20312	Prepared:	11/22/2022 10:00		
Arsenic	**0.665**	J	0.357	1.00	mg/kg	1	3050B	11/28/2022 16:12	MB	SW846 6010B
Lead	**2.54**		0.175	0.500	mg/kg	1	3050B	11/28/2022 16:12	MB	SW846 6010B

Analytical Results

Client Sample ID: RB-11-0.5

Laboratory Sample ID: 2211129-17 (Solid)

Analyte	Result	Notes	MDL	PQL	Units	Dilution	Prep Method	Analyzed	Analyst	Method
Total ICP Metals					Batch ID:	BK20312	Prepared:	11/22/2022 10:00		
Arsenic	**8.80**		0.357	1.00	mg/kg	1	3050B	11/28/2022 16:14	MB	SW846 6010B
Lead	**24.1**		0.175	0.500	mg/kg	1	3050B	11/28/2022 16:14	MB	SW846 6010B

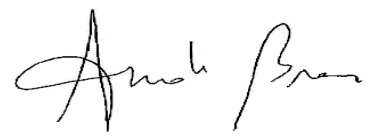
Analytical Results

Client Sample ID: RB-11-2

Laboratory Sample ID: 2211129-18 (Solid)

Analyte	Result	Notes	MDL	PQL	Units	Dilution	Prep Method	Analyzed	Analyst	Method
Total ICP Metals					Batch ID:	BK20312	Prepared:	11/22/2022 10:00		

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Rincon Consultants, Inc.	Project: Bell Oasis	Work Order No: 2211129
180 North Ashwood Avenue	Project Number: [none]	**Reported:**
Ventura CA, 93003	Project Manager: Austin Moore	11/29/2022 18:34

Analytical Results

Client Sample ID: RB-11-2

Laboratory Sample ID: 2211129-18 (Solid)

Analyte	Result	Notes	MDL	PQL	Units	Dilution	Prep Method	Analyzed	Analyst	Method
Total ICP Metals					Batch ID:	BK20312	Prepared:	11/22/2022 10:00		
Arsenic	**3.53**		0.357	1.00	mg/kg	1	3050B	11/28/2022 16:17	MB	SW846 6010B
Lead	**86.3**		0.175	0.500	mg/kg	1	3050B	11/28/2022 16:17	MB	SW846 6010B

Analytical Results

Client Sample ID: RB-12-0.5

Laboratory Sample ID: 2211129-22 (Solid)

Analyte	Result	Notes	MDL	PQL	Units	Dilution	Prep Method	Analyzed	Analyst	Method
Total ICP Metals					Batch ID:	BK20312	Prepared:	11/22/2022 10:00		
Arsenic	**8.34**		0.357	1.00	mg/kg	1	3050B	11/28/2022 16:19	MB	SW846 6010B
Lead	**97.5**		0.175	0.500	mg/kg	1	3050B	11/28/2022 16:19	MB	SW846 6010B

Analytical Results

Client Sample ID: RB-12-2

Laboratory Sample ID: 2211129-23 (Solid)

Analyte	Result	Notes	MDL	PQL	Units	Dilution	Prep Method	Analyzed	Analyst	Method
Total ICP Metals					Batch ID:	BK20312	Prepared:	11/22/2022 10:00		
Arsenic	**3.82**		0.357	1.00	mg/kg	1	3050B	11/28/2022 16:21	MB	SW846 6010B
Lead	**18.2**		0.175	0.500	mg/kg	1	3050B	11/28/2022 16:21	MB	SW846 6010B

Analytical Results

Client Sample ID: RB-13-0.5

Laboratory Sample ID: 2211129-27 (Solid)

Analyte	Result	Notes	MDL	PQL	Units	Dilution	Prep Method	Analyzed	Analyst	Method
Total ICP Metals					Batch ID:	BK20312	Prepared:	11/22/2022 10:00		
Arsenic	**4.12**		0.357	1.00	mg/kg	1	3050B	11/28/2022 16:23	MB	SW846 6010B
Lead	**33.6**		0.175	0.500	mg/kg	1	3050B	11/28/2022 16:23	MB	SW846 6010B

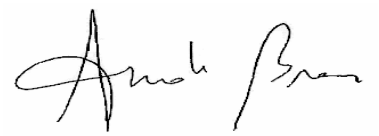
Analytical Results

Client Sample ID: RB-13-2

Laboratory Sample ID: 2211129-28 (Solid)

Analyte	Result	Notes	MDL	PQL	Units	Dilution	Prep Method	Analyzed	Analyst	Method
Total ICP Metals					Batch ID:	BK20312	Prepared:	11/22/2022 10:00		

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Rincon Consultants, Inc.	Project: Bell Oasis	Work Order No: 2211129
180 North Ashwood Avenue	Project Number: [none]	**Reported:**
Ventura CA, 93003	Project Manager: Austin Moore	11/29/2022 18:34

Analytical Results

Client Sample ID: RB-13-2

Laboratory Sample ID: 2211129-28 (Solid)

Analyte	Result	Notes	MDL	PQL	Units	Dilution	Prep Method	Analyzed	Analyst	Method
Total ICP Metals					Batch ID:	BK20312	Prepared:	11/22/2022 10:00		
Arsenic	**2.05**		0.357	1.00	mg/kg	1	3050B	11/28/2022 16:26	MB	SW846 6010B
Lead	**8.81**		0.175	0.500	mg/kg	1	3050B	11/28/2022 16:26	MB	SW846 6010B

Analytical Results

Client Sample ID: RB-14-0.5

Laboratory Sample ID: 2211129-32 (Solid)

Analyte	Result	Notes	MDL	PQL	Units	Dilution	Prep Method	Analyzed	Analyst	Method
Total ICP Metals					Batch ID:	BK20312	Prepared:	11/22/2022 10:00		
Arsenic	**9.17**		0.357	1.00	mg/kg	1	3050B	11/28/2022 16:35	MB	SW846 6010B
Lead	**97.6**		0.175	0.500	mg/kg	1	3050B	11/28/2022 16:35	MB	SW846 6010B

Analytical Results

Client Sample ID: RB-14-2

Laboratory Sample ID: 2211129-33 (Solid)

Analyte	Result	Notes	MDL	PQL	Units	Dilution	Prep Method	Analyzed	Analyst	Method
Total ICP Metals					Batch ID:	BK20312	Prepared:	11/22/2022 10:00		
Arsenic	**2.84**		0.357	1.00	mg/kg	1	3050B	11/28/2022 16:38	MB	SW846 6010B
Lead	**18.2**		0.175	0.500	mg/kg	1	3050B	11/28/2022 16:38	MB	SW846 6010B

Analytical Results

Client Sample ID: RB-15-0.5

Laboratory Sample ID: 2211129-37 (Solid)

Analyte	Result	Notes	MDL	PQL	Units	Dilution	Prep Method	Analyzed	Analyst	Method
Total ICP Metals					Batch ID:	BK20312	Prepared:	11/22/2022 10:00		
Arsenic	**1.55**		0.357	1.00	mg/kg	1	3050B	11/28/2022 16:40	MB	SW846 6010B
Lead	**7.50**		0.175	0.500	mg/kg	1	3050B	11/28/2022 16:40	MB	SW846 6010B

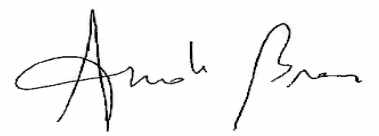
Analytical Results

Client Sample ID: RB-15-2

Laboratory Sample ID: 2211129-38 (Solid)

Analyte	Result	Notes	MDL	PQL	Units	Dilution	Prep Method	Analyzed	Analyst	Method
Total ICP Metals					Batch ID:	BK20312	Prepared:	11/22/2022 10:00		

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Rincon Consultants, Inc.	Project: Bell Oasis	Work Order No: 2211129
180 North Ashwood Avenue	Project Number: [none]	**Reported:**
Ventura CA, 93003	Project Manager: Austin Moore	11/29/2022 18:34

Analytical Results

Client Sample ID: RB-15-2

Laboratory Sample ID: 2211129-38 (Solid)

Analyte	Result	Notes	MDL	PQL	Units	Dilution	Prep Method	Analyzed	Analyst	Method
Total ICP Metals					Batch ID: BK20312		Prepared: 11/22/2022 10:00			
Arsenic	**1.85**		0.357	1.00	mg/kg	1	3050B	11/28/2022 16:42	MB	SW846 6010B
Lead	**3.56**		0.175	0.500	mg/kg	1	3050B	11/28/2022 16:42	MB	SW846 6010B

Analytical Results

Client Sample ID: RB-16-0.5

Laboratory Sample ID: 2211129-42 (Solid)

Analyte	Result	Notes	MDL	PQL	Units	Dilution	Prep Method	Analyzed	Analyst	Method
Total ICP Metals					Batch ID: BK20312		Prepared: 11/22/2022 10:00			
Arsenic	**1.74**		0.357	1.00	mg/kg	1	3050B	11/28/2022 16:44	MB	SW846 6010B
Lead	**4.22**		0.175	0.500	mg/kg	1	3050B	11/28/2022 16:44	MB	SW846 6010B

Analytical Results

Client Sample ID: RB-16-2

Laboratory Sample ID: 2211129-43 (Solid)

Analyte	Result	Notes	MDL	PQL	Units	Dilution	Prep Method	Analyzed	Analyst	Method
Total ICP Metals					Batch ID: BK20312		Prepared: 11/22/2022 10:00			
Arsenic	**0.862**	J	0.357	1.00	mg/kg	1	3050B	11/28/2022 16:46	MB	SW846 6010B
Lead	**3.94**		0.175	0.500	mg/kg	1	3050B	11/28/2022 16:46	MB	SW846 6010B

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Rincon Consultants, Inc.	Project: Bell Oasis	Work Order No: 2211129
180 North Ashwood Avenue	Project Number: [none]	**Reported:**
Ventura CA, 93003	Project Manager: Austin Moore	11/29/2022 18:34

Total ICP Metals - Quality Control Report

Analyte	Result	MDL	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch BK20311 - 3050B - SW846 6010B											
Blank (BK20311-BLK1)					Prepared: 11/22/202 Analyzed: 11/28/202						
Arsenic	ND	0.357	1.00	mg/kg							
Lead	ND	0.175	0.500	"							
LCS (BK20311-BS1)					Prepared: 11/22/202 Analyzed: 11/28/202						
Arsenic	53.6	0.357	1.00	mg/kg	50.0		107	80-120			
Lead	54.8	0.175	0.500	"	50.0		110	80-120			
LCS Dup (BK20311-BSD1)					Prepared: 11/22/202 Analyzed: 11/28/202						
Arsenic	57.2	0.357	1.00	mg/kg	50.0		114	80-120	6.45	20	
Lead	57.8	0.175	0.500	"	50.0		116	80-120	5.29	20	
Matrix Spike (BK20311-MS1)		**Source: 2211149-01**			Prepared: 11/22/202 Analyzed: 11/28/202						
Arsenic	74.6	0.357	1.00	mg/kg	50.0	0.486	148	70-130			
Lead	93.8	0.175	0.500	"	50.0	3.90	180	70-130			QM-05
Matrix Spike Dup (BK20311-MSD1)		**Source: 2211149-01**			Prepared: 11/22/202 Analyzed: 11/28/202						
Arsenic	75.1	0.357	1.00	mg/kg	50.0	0.486	149	70-130	0.746	30	
Lead	94.4	0.175	0.500	"	50.0	3.90	181	70-130	0.643	30	QM-05
Batch BK20312 - 3050B - SW846 6010B											
Blank (BK20312-BLK1)					Prepared: 11/22/202 Analyzed: 11/28/202						
Arsenic	ND	0.357	1.00	mg/kg							
Lead	ND	0.175	0.500	"							
LCS (BK20312-BS1)					Prepared: 11/22/202 Analyzed: 11/23/202						
Arsenic	52.5	0.357	1.00	mg/kg	50.0		105	80-120			
Lead	54.0	0.175	0.500	"	50.0		108	80-120			

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Amolk Brar, Lab Director

American Scientific Laboratories, LLC
Environmental Testing Services
2520 N. San Fernando Road, LA CA 90065 Tel: (323) 223-9700 • Fax: (323) 223-9500

Rincon Consultants, Inc.	Project: Bell Oasis	Work Order No: 2211129
180 North Ashwood Avenue	Project Number: [none]	**Reported:**
Ventura CA, 93003	Project Manager: Austin Moore	11/29/2022 18:34

Total ICP Metals - Quality Control Report

Analyte	Result	MDL	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch BK20312 - 3050B - SW846 6010B											
LCS Dup (BK20312-BSD1)					Prepared: 11/22/202 Analyzed: 11/28/202						
Arsenic	55.9	0.357	1.00	mg/kg	50.0		112	80-120	6.35	20	
Lead	56.1	0.175	0.500	"	50.0		112	80-120	3.77	20	
Matrix Spike (BK20312-MS1)		**Source: 2211129-08**			Prepared: 11/22/202 Analyzed: 11/28/202						
Arsenic	81.1	0.357	1.00	mg/kg	50.0	1.62	159	70-130			
Lead	91.2	0.175	0.500	"	50.0	11.1	160	70-130			
Matrix Spike Dup (BK20312-MSD1)		**Source: 2211129-08**			Prepared: 11/22/202 Analyzed: 11/28/202						
Arsenic	73.8	0.357	1.00	mg/kg	50.0	1.62	144	70-130	9.53	30	
Lead	82.6	0.175	0.500	"	50.0	11.1	143	70-130	9.88	30	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Amolk Brar, Lab Director

American Scientific Laboratories, LLC
Environmental Testing Services
2520 N. San Fernando Road, LA CA 90065 Tel: (323) 223-9700 • Fax: (323) 223-9500

Rincon Consultants, Inc.	Project: Bell Oasis	Work Order No: 2211129
180 North Ashwood Avenue	Project Number: [none]	**Reported:**
Ventura CA, 93003	Project Manager: Austin Moore	11/29/2022 18:34

Notes and Definitions

QM-05	The spike recovery was outside acceptance limits for the MS and/or MSD due to matrix interference. The LCS and/or LCSD were within acceptance limits showing that the laboratory is in control and the data is acceptable.
J	Detected but below the Reporting Limit; therefore, result is an estimated concentration (CLP J-Flag).
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the practical quantitation limit (PQL)
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference

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12 December 2022

Austin Moore

Rincon Consultants, Inc.

180 North Ashwood Avenue

Ventura, CA 93003

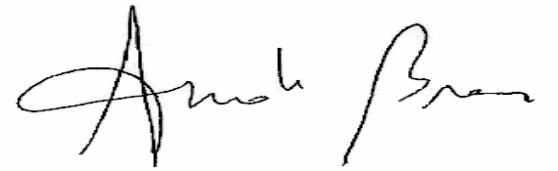
Work Order #: 2211129

Project Name: Bell Oasis

Project ID: [none]

Site Address: 5600 Rickenbacker Rd Bell Gardens CA

Enclosed are the results of analyses for samples received by the laboratory on November 16, 2022. If you have any questions concerning this report, please feel free to contact us.



Molky Brar

Laboratory Director

American Scientific Laboratories, LLC (ASL) accepts sample materials from clients for analysis with the assumption that all of the information provided to ASL verbally or in writing by our clients (and/or their agents), regarding samples being submitted to ASL, is complete and accurate. ASL accepts all samples subject to the following conditions:

1) ASL is not responsible for verifying any client-provided information regarding any samples submitted to the laboratory.
2) ASL is not responsible for any consequences resulting from any inaccuracies , omissions, or misrepresentations contained in client-provided information regarding samples submitted to the laboratory.

AMERICAN SCIENTIFIC LABORATORIES, LLC
Environmental Testing Services
2520 N. San Fernando Road, LA, CA 90065 Tel: (323) 223-9700 • Fax: (323) 223-9500

COC# № 84855 GLOBAL ID _____ E REPORT: PDF EDF EDD ASL JOB# 2211129

CHAIN OF CUSTODY RECORD

Company: Rincon Consultants		Report To: Austin Moore	
Address: 180 N Ashwood Ave	Project Name: Bell Oasis	Address:	
Ventura, CA 93003	Site Address: 5600 Rickenbacker Road	Invoice To:	
Telephone: / Fax: 909-253-0705	Bell Gardens, CA 90201	Address:	
Special Instruction:	Project ID:		
E-mail: amoore@rinconconsultants.com	Project Manager: Austin Moore	P.O.#:	

ANALYSIS REQUESTED

ITEM	LAB USE ONLY Lab ID	SAMPLE DESCRIPTION Sample ID	Date	Time	Container(s) #	Type	Matrix	Preservation	Total Lead EPA Method 6010B	Total Arsenic EPA Method 6010B	Remarks
	2211129-01	RB-1A-3	11/16/22	0929	1	9oz Jar	Soil	N/A	✔	✔	
	2211129-02	RB-1A-4	11/16/22	0931	1	9oz Jar	Soil	N/A	✔	✔	
	2211129-03	RB-1A-5	11/16/22	0933	1	9oz Jar	Soil	N/A	✔	✔	HOLD
	2211129-04	RB-2A-3	11/16/22	1106	1	9oz Jar	Soil	N/A	✔	✔	
	2211129-05	RB-2A-4	11/16/22	1108	1	9oz Jar	Soil	N/A	✔	✔	
	2211129-06	RB-2A-5	11/16/22	1109	1	9oz Jar	Soil	N/A	✔	✔	HOLD
	2211129-07	RB-9-0.5	11/16/22	0940	1	9oz Jar	Soil	N/A	✔	✔	
	2211129-08	RB-9-2	11/16/22	0942	1	9oz Jar	Soil	N/A	✔	✔	
	2211129-09	RB-9-3	11/16/22	0944	1	9oz Jar	Soil	N/A	✔	✔	HOLD
	2211129-10	RB-9-4	11/16/22	0945	1	9oz Jar	Soil	N/A	✔	✔	HOLD

Collected By: Mike Girod	Date 11/16/22 Time	Relinquished By:	Date Time
Relinquished By:	Date 11/16/22 Time 1255	Received For Laboratory Janet Chin	Date 11-16-22 Time 12:55
Received By:	Date Time	Condition of Sample:	

TAT: ~~Normal~~ Rush

White - Report, Yellow - Laboratory, Pink - Client

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Environmental Testing Services
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COC# № 84855 GLOBAL ID _____ E REPORT: PDF EDF EDD ASL JOB# 2211129

CHAIN OF CUSTODY FORM

Company: Rincon Consultants		Report To: Austin Moore	
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Ventura, CA 93003	Site Address: 5600 Rickenbacker Road	Invoice To:	
Telephone: Fax: 909-253-0705	Bell Gardens, CA 90201	Address:	
Special Instruction:	Project ID:		
E-mail: amoore@rinconconsultants.com	Project Manager: Austin Moore	P.O.#:	

ITEM	LAB USE ONLY Lab ID	SAMPLE DESCRIPTION Sample ID	Date	Time	Container(s) #	Container(s) Type	Matrix	Preservation	Total Lead EPA method 6010B	Total Arsenic EPA Method 6010B	ANALYSIS REQUESTED	Remarks
	2211129-11	RB-9-5	11/16/22	0947	1	9oz Jar	Soil	N/A	✓	✓		HOLD
	2211129-12	RB-10-0.5	11/16/22	1003	1	9oz Jar	Soil	N/A	✓	✓		
	2211129-13	RB-10-2	11/16/22	1004	1	9oz Jar	Soil	N/A	✓	✓		
	2211129-14	RB-10-3	11/16/22	1006	1	9oz Jar	Soil	N/A	✓	✓		HOLD
	2211129-15	RB-10-4	11/16/22	1008	1	9oz Jar	Soil	N/A	✓	✓		HOLD
	2211129-16	RB-10-5	11/16/22	1009	1	9oz Jar	Soil	N/A	✓	✓		HOLD
	2211129-17	RB-11-0.5	11/16/22	0908	1	9oz Jar	Soil	N/A	✓	✓		
	2211129-18	RB-11-2	11/16/22	0911	1	9oz Jar	Soil	N/A	✓	✓		
	2211129-19	RB-11-3	11/16/22	0913	1	9oz Jar	Soil	N/A	✓	✓		HOLD
	2211129-20	RB-11-4	11/16/22	0915	1	9oz Jar	Soil	N/A	✓	✓		HOLD

Collected By: Mike Girod	Date 11/16/22 Time	Relinquished By:	Date Time
Relinquished By: MG	Date 11/16/22 Time 1255	Received For Laboratory Janet Chun	Date 11-16-22 Time 1255
Received By:	Date Time	Condition of Sample:	

TAT: ✓ Normal / Rush

Page 3 of 25

White - Report, Yellow - Laboratory, Pink - Client

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COC# № 84855 GLOBAL ID _____ E REPORT: PDF EDF EDD ASL JOB# 2211129

CHAIN OF CUSTODY RECORD

Company: Rincon Consultants		Report To: Austin Moore	
Address: 180 N Ashwood Ave	Project Name: Bell Oasis	Address:	
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Telephone: Fax: 909-253-0705	Bell Gardens, CA 90201	Address:	
Special Instruction:	Project ID:		
E-mail: amoore@rinconconsultants.com	Project Manager: Austin Moore	P.O.#:	

ITEM	LAB USE ONLY Lab ID	SAMPLE DESCRIPTION Sample ID	Date	Time	Container(s) #	Type	Matrix	Preservation	Total Lead EPA Method 6010B	Total Arsenic EPA Method 6010B	Remarks
	2211129-21	RB-11-5	11/16/22	0917	1	9oz Jar	Soil	N/A	✔	✔	HOLD
	2211129-22	RB-12-0.5	11/16/22	0840	1	9oz Jar	Soil	N/A	✔	✔	
	2211129-23	RB-12-2	11/16/22	0849	1	9oz Jar	Soil	N/A	✔	✔	
	2211129-24	RB-12-3	11/16/22	0851	1	9oz Jar	Soil	N/A	✔	✔	HOLD
	2211129-25	RB-12-4	11/16/22	0854	1	9oz Jar	Soil	N/A	✔	✔	HOLD
	2211129-26	RB-12-5	11/16/22	0856	1	9oz Jar	Soil	N/A	✔	✔	HOLD
	2211129-27	RB-13-0.5	11/16/22	1019	1	9oz Jar	Soil	N/A	✔	✔	
	2211129-28	RB-13-2	11/16/22	1021	1	9oz Jar	Soil	N/A	✔	✔	
	2211129-29	RB-13-3	11/16/22	1022	1	9oz Jar	Soil	N/A	✔	✔	HOLD
	2211129-30	RB-13-4	11/16/22	1023	1	9oz Jar	Soil	N/A	✔	✔	HOLD

ANALYSIS REQUESTED

Collected By: Mike Girod	Date 11/16/22 Time	Relinquished By:	Date Time
Relinquished By:	Date 11/16/22 Time 1255	Received For Laboratory Janet Chin	Date 11-16-22 Time 12:55
Received By:	Date Time	Condition of Sample:	

TAT: Normal / Rush

White - Report, Yellow - Laboratory, Pink - Client

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COC# № 84855 GLOBAL ID _____ E REPORT: PDF EDF EDD ASL JOB# 2211129

CHAIN OF CUSTODY RECORD

Company: Rincon Consultants	Report To: Austin Moore
Address: 180 N Ashwood Ave	Project Name: Bell Oasis
Ventura, CA 93003	Site Address: 5600 Rickenbacker Road
Telephone: / Fax: 909-253-0705	Bell Gardens, CA 90201
Special Instruction:	Project ID:
E-mail: amoore@rinconconsultants.com	Project Manager: Austin Moore

Address: / Invoice To: / Address: / P.O.#:

ANALYSIS REQUESTED: Total Lead EPA Method 6010B; Total Arsenic EPA Method 6010B; Total Lead EPA Method 6010B MG

ITEM	LAB USE ONLY Lab ID	SAMPLE DESCRIPTION Sample ID	Date	Time	Container(s) #	Container(s) Type	Matrix	Preservation	Remarks
	2211129-31	RB-13-5	11/16/22	1025	1	9oz Jar	Soil	N/A	HOLD
	2211129-32	RB-14-0.5	11/16/22	0805	1	9oz Jar	Soil	N/A	
	2211129-33	RB-14-2	11/16/22	0815	1	9oz Jar	Soil	N/A	
	2211129-34	RB-14-3	11/16/22	0819	1	9oz Jar	Soil	N/A	HOLD
	2211129-35	RB-14-4	11/16/22	0822	1	9oz Jar	Soil	N/A	HOLD
	2211129-36	RB-14-5	11/16/22	0826	1	9oz Jar	Soil	N/A	HOLD
	2211129-37	RB-15-0.5	11/16/22	1054	1	9oz Jar	Soil	N/A	
	2211129-38	RB-15-2	11/16/22	1055	1	9oz Jar	Soil	N/A	
	2211129-39	RB-15-3	11/16/22	1056	1	9oz Jar	Soil	N/A	HOLD
	2211129-40	RB-15-4	11/16/22	1057	1	9oz Jar	Soil	N/A	HOLD

Collected By: Mike Girod Date 11/16/22 Time

Relinquished By: Date Time

Relinquished By: Date 11/16/22 Time 1255

Received For Laboratory Janet Chin Date 11-16-22 Time 12:55

Received By: Date Time

Condition of Sample:

TAT: Normal / Rush

White - Report, Yellow - Laboratory, Pink - Client

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COC# № 84855 GLOBAL ID _____ E REPORT: PDF EDF EDD ASL JOB# 2211129

CHAIN OF CUSTODY RECORD

Company: Rincon Consultants		Report To: Austin Moore	
Address: 180 N Ashwood Ave	Project Name: Bell Oasis	Address:	
Ventura, CA 93003	Site Address: 5600 Rickenbacker Road	Invoice To:	
Telephone: / Fax: 909-253-0705	Bell Gardens, CA 90201	Address:	
Special Instruction:	Project ID:		
E-mail: amoore@rinconconsultants.com	Project Manager: Austin Moore	P.O.#:	

ITEM	LAB USE ONLY Lab ID	SAMPLE DESCRIPTION Sample ID	Date	Time	Container(s) #	Container(s) Type	Matrix	Preservation	Total Lead EPA Meth. 6010B	Total Arsenic EPA Method 6010B	Remarks
	2211129-41	RB-15-5	11/16/22	1058	1	9oz Jar	Soil	N/A	✔	✔	HOLD
	2211129-42	RB-16-0.5	11/16/22	1123	1	9oz Jar	Soil	N/A	✔	✔	
	2211129-43	RB-16-2	11/16/22	1124	1	9oz Jar	Soil	N/A	✔	✔	
	2211129-44	RB-16-3	11/16/22	1125	1	9oz Jar	Soil	N/A	✔	✔	HOLD
	2211129-45	RB-16-4	11/16/22	1126	1	9oz Jar	Soil	N/A	✔	✔	HOLD
	2211129-46	RB-16-5	11/16/22	1127	1	9oz Jar	Soil	N/A	✔	✔	HOLD

ANALYSIS REQUESTED

Collected By: Mike Girod	Date 11/16/22	Time	Relinquished By:	Date	Time
Relinquished By: MRS	Date 11/16/22	Time 1255	Received For Laboratory Janet Chen	Date 11-16-22	Time 1255
Received By:	Date	Time	Condition of Sample:		

TAT: ✔ Normal / Rush

White - Report, Yellow - Laboratory, Pink - Client

Job# 2211129

ASL Sample Receipt Form

Client: Rincon Consultants

Date: 11-16-2022

Sample Information:

Temperature: 5.8 °C IR Gun # 1 ☐ Blank ☑ Sample

Custody Seal: ☐ Yes ☑ No ☐ Not Available

Received Within Holding Time: ☑ Yes ☐ No

Container:

Proper Containers and Sufficient Volume: ☑ Yes ☐ No

Soil: ☐ 4oz ☑ 8oz ☐ Sleeve ☐ VOA

Water: ☐ 500AG ☐ 1AG ☐ 125PB ☐ 250PB ☐ 500PB ☐ VOA ☐ Other _____

Air: ☐ Tedlar®

Sample Containers Intact: ☑ Yes ☐ No

Trip Blank ☐ Yes ☑ No

Chain-of-Custody (COC):

Received: ☑ Yes ☐ No

Samplers Name: ☑ Yes ☐ No

Container Labels match COC: ☑ Yes ☐ No

COC documents received complete: ☑ Yes ☐ No

Proper Preservation Noted: ☑ Yes ☐ No

Completed By: Janet Chin

Janet Chin

12/9/22 Additional Test Request
Normal TAT, Report Due: 12/08/22

From: Austin Moore <amoore@rinconconsultants.com>
Sent: Thursday, December 1, 2022 12:54 PM
To: Molky Brar <molky@asllab.com>
Subject: RE: [EXT] American Scientific Laboratories 2211129 (Bell Oasis)

Molky,

I accidentally made a typo, and included RB-12-0.5 twice. Please see below for the correct additional analysis requests (same as before, just deleted the "double" RB-12-0.5)

The following samples should be analyzed **for lead by STLC**:

. RB-11-2
. RB-12-0.5
. RB-14-0.5

Please also analyze the following samples **for total lead:**

. RB-11-3
. RB-11-4

Austin Moore, Environmental Scientist III Rincon Consultants, Inc.
Environmental Scientists | Planners | Engineers
909-253-0705
951-902-9896 Mobile
rinconconsultants.com

AMERICAN SCIENTIFIC LABORATORIES, LLC
Environmental Testing Services
2520 N. San Fernando Road, L.A. CA 90065 Tel: (323) 223-9700 • Fax: (323) 223-9500

COC# Nº 84855 GLOBAL ID _____ E REPORT: PDF EDF EDD ASL JOB# 2211129

Company: Rincon Consultants		Report To: Austin Moore	
Address: 180 N Ashwood Ave	Project Name: Bell Oasis	Address:	
Ventura, CA 93003	Site Address: 5600 Rickenbacker Road	Invoice To	
Telephone: 909-253-0705 Fax:	Bell Gardens, CA 90201	Address:	
Special Instruction:	Project ID		
E-mail: amoore@rinconconsultants.com	Project Manager: Austin Moore	PO #	

ITEM	LAB USE ONLY Lab ID	SAMPLE DESCRIPTION Sample ID	Date	Time	Container(s) #	Type	Matrix	Preservation	Total Lead EPA Method 6010B	Total Arsenic EPA Method 6010B	Remarks
	2211129-01	RB-1A-3	11/16/22	0929	1	9oz Jar	Soil	N/A	✔	✔	
	2211129-02	RB-1A-4	11/16/22	0931	1	9oz Jar	Soil	N/A	✔	✔	
	2211129-03	RB-1A-5	11/16/22	0933	1	9oz Jar	Soil	N/A	✔	✔	HOLD
	2211129-04	RB-2A-3	11/16/22	1106	1	9oz Jar	Soil	N/A	✔	✔	
	2211129-05	RB-2A-4	11/16/22	1108	1	9oz Jar	Soil	N/A	✔	✔	
	2211129-06	RB-2A-5	11/16/22	1109	1	9oz Jar	Soil	N/A	✔	✔	HOLD
	2211129-07	RB-9-0.5	11/16/22	0940	1	9oz Jar	Soil	N/A	✔	✔	
	2211129-08	RB-9-2	11/16/22	0942	1	9oz Jar	Soil	N/A	✔	✔	
	2211129-09	RB-9-3	11/16/22	0944	1	9oz Jar	Soil	N/A	✔	✔	HOLD
	2211129-10	RB-9-4	11/16/22	0945	1	9oz Jar	Soil	N/A	✔	✔	HOLD

Collected By: Mike Girod	Date 11/16/22	Time	Relinquished By	Date	Time
Relinquished By: [signature]	Date 11/16/22	Time 1255	Received For Laboratory: Janet Chin	Date 11-16-22	Time 12:55
Received By	Date	Time	Condition / Cooler		

TAT: Normal

CHAIN OF CUSTODY FORM

AMERICAN SCIENTIFIC LABORATORIES, LLC
Environmental Testing Services
2520 N. San Fernando Road, LA, CA 90065 Tel: (323) 223-9700 • Fax: (323) 223-9500

COC# Nº 84855 GLOBAL ID _____ E REPORT: PDF EDF EDD ASL JOB# 2211129

Company: Rincon Consultants		Report To: Austin Moore	
Address: 180 N Ashwood Ave	Project Name: Bell Oasis	Address:	
Ventura, CA 93003	Site Address: 5600 Rickenbacker Road	Invoice To:	
Telephone: 909-253-0705 Fax:	Bell Gardens, CA 90201	Address:	
Special Instruction:	Project ID:		
E-mail: amoore@rinconconsultants.com	Project Manager: Austin Moore	P.O.#	

ITEM	LAB USE ONLY Lab ID	SAMPLE DESCRIPTION Sample ID	Date	Time	Container(s) #	Type	Matrix	Preservation	Total Lead EPA method 6010B	Total Arsenic EPA Method 6010B	ANALYSIS REQUESTED	Remarks
	2211129-11	RB-9-5	11/16/22	0947	1	9oz Jar	Soil	N/A	✔	✔		HOLD
	2211129-12	RB-10-0.5	11/16/22	1003	1	9oz Jar	Soil	N/A	✔	✔		
	2211129-13	RB-10-2	11/16/22	1004	1	9oz Jar	Soil	N/A	✔	✔		
	2211129-14	RB-10-3	11/16/22	1006	1	9oz Jar	Soil	N/A	✔	✔		HOLD
	2211129-15	RB-10-4	11/16/22	1008	1	9oz Jar	Soil	N/A	✔	✔		HOLD
	2211129-16	RB-10-5	11/16/22	1009	1	9oz Jar	Soil	N/A	✔	✔		HOLD
	2211129-17	RB-11-0.5	11/16/22	0908	1	9oz Jar	Soil	N/A	✔	✔		
	2211129-18	RB-11-2	11/16/22	0911	1	9oz Jar	Soil	N/A	✔	✔	✔	
	2211129-19	RB-11-3	11/16/22	0913	1	9oz Jar	Soil	N/A	✔	✔	Analyze (12-01-22)	12/9/22 HOLD 12/01/22
	2211129-20	RB-11-4	11/16/22	0915	1	9oz Jar	Soil	N/A	✔	✔	Analyze (12-01-22)	12/01/22 HOLD

ADD 12/1/22 STLC-lead

Collected By: Mike Girod	Date 11/16/22	Time	Relinquished By:	Date	Time
Relinquished By: MG	Date 11/16/22	Time 1255	Received For Laboratory: Janet Chun	Date 11-16-22	Time 12:55
Received By:	Date	Time	Condition of Sample		

TAT: ✔ Normal / Rush

CHAIN OF CUSTODY FORM

White - Report Yellow - Laboratory Pink - Client

AMERICAN SCIENTIFIC LABORATORIES, LLC
Environmental Testing Services
2520 N. San Fernando Road, LA, CA 90065 Tel: (323) 223-9700 • Fax: (323) 223-9500

COC# Nº 84855 GLOBAL ID _____ E REPORT: PDF EDF EDD ASL JOB# 2211129

Company: Rincon Consultants		Report To: Austin Moore	
Address: 180 N Ashwood Ave	Project Name: Bell Oasis	Address:	
Ventura, CA 93003	Site Address: 5600 Rickenbacker Road	Invoice To:	
Telephone: 909-253-0705 Fax:	Bell Gardens, CA 90201	Address:	
Special Instruction:	Project ID:		
E-mail: amoore@rinconconsultants.com	Project Manager: Austin Moore	P.O.#:	

ANALYSIS REQUESTED

ITEM	LAB USE ONLY Lab ID	SAMPLE DESCRIPTION Sample ID	Date	Time	Container(s) #	Type	Matrix	Preservation	Total Lead EPA Method 6010B	Total Arsenic EPA Method 6010B	Add 12/1/22 STLC-Lead	Remarks
	2211129-21	RB-11-5	11/16/22	0917	1	9oz Jar	Soil	N/A	✔	✔		HOLD
	2211129-22	RB-12-0.5	11/16/22	0840	1	9oz Jar	Soil	N/A	✔	✔	✔	
	2211129-23	RB-12-2	11/16/22	0849	1	9oz Jar	Soil	N/A	✔	✔		
	2211129-24	RB-12-3	11/16/22	0851	1	9oz Jar	Soil	N/A	✔	✔		HOLD
	2211129-25	RB-12-4	11/16/22	0854	1	9oz Jar	Soil	N/A	✔	✔		HOLD
	2211129-26	RB-12-5	11/16/22	0856	1	9oz Jar	Soil	N/A	✔	✔		HOLD
	2211129-27	RB-13-0.5	11/16/22	1019	1	9oz Jar	Soil	N/A	✔	✔		
	2211129-28	RB-13-2	11/16/22	1021	1	9oz Jar	Soil	N/A	✔	✔		
	2211129-29	RB-13-3	11/16/22	1022	1	9oz Jar	Soil	N/A	✔	✔		HOLD
	2211129-30	RB-13-4	11/16/22	1023	1	9oz Jar	Soil	N/A	✔	✔		HOLD

Collected By: Mike Girod	Date 11/16/22 Time	Relinquished By:	Date Time	TAT
Relinquished By:	Date 11/16/22 Time 1255	Received For Laboratory: Janet Chin	Date 11-16-22 Time 12:55	Normal / Rush
Received By:	Date Time	Condition of Sample:		

White: Report Yellow: Laboratory Pink: Client

CHAIN OF CUSTODY FORM

AMERICAN SCIENTIFIC LABORATORIES, LLC
Environmental Testing Services
2520 N. San Fernando Road, LA, CA 90065 Tel: (323) 223-9700 • Fax: (323) 223-9500

COC# Nº 84855 GLOBAL ID _____ E REPORT: PDF EDF EDD ASL JOB# 2211129

Company: Rincon Consultants		Report To: Austin Moore	
Address: 180 N Ashwood Ave	Project Name: Bell Oasis	Address:	
Ventura, CA 93003	Site Address: 5600 Rickenbacker Road	Invoice To:	
Telephone: 909-253-0705 Fax:	Bell Gardens, CA 90201	Address:	
Special Instruction:	Project ID:		
E-mail: amoore@rinconconsultants.com	Project Manager: Austin Moore	P.O.#	

ANALYSIS REQUESTED

ITEM	LAB USE ONLY Lab ID	SAMPLE DESCRIPTION Sample ID	Date	Time	Container(s) #	Type	Matrix	Preservation	Total Lead EPA Method 6010B	Total Arsenic EPA Method 6010B	~~Total Lead EPA Method 6010B~~ Add 12/1/22 STLC - Lead	Remarks
	2211129-31	RB-13-5	11/16/22	1025	1	9oz Jar	Soil	N/A	✓	✓		HOLD
	2211129-32	RB-14-0.5	11/16/22	0805	1	9oz Jar	Soil	N/A	✓	✓	⊗	
	2211129-33	RB-14-2	11/16/22	0815	1	9oz Jar	Soil	N/A	✓	✓		
	2211129-34	RB-14-3	11/16/22	0819	1	9oz Jar	Soil	N/A	✓	✓		HOLD
	2211129-35	RB-14-4	11/16/22	0822	1	9oz Jar	Soil	N/A	✓	✓		HOLD
	2211129-36	RB-14-5	11/16/22	0826	1	9oz Jar	Soil	N/A	✓	✓		HOLD
	2211129-37	RB-15-0.5	11/16/22	1054	1	9oz Jar	Soil	N/A	✓	✓		
	2211129-38	RB-15-2	11/16/22	1055	1	9oz Jar	Soil	N/A	✓	✓		
	2211129-39	RB-15-3	11/16/22	1056	1	9oz Jar	Soil	N/A	✓	✓		HOLD
	2211129-40	RB-15-4	11/16/22	1057	1	9oz Jar	Soil	N/A	✓	✓		HOLD

Collected By: Mike Girod	Date 11/16/22	Time	Relinquished By:	Date	Time
Relinquished By: [signature]	Date 11/16/22	Time 1255	Received For Laboratory: Janet Chin	Date 11-16-22	Time 12:55
Received By:	Date	Time	Condition of Sample:		

TAT: Normal / Rush

CHAIN OF CUSTODY FORM

White Report Yellow Laboratory Pink Client

AMERICAN SCIENTIFIC LABORATORIES, LLC
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COC# № 84855 GLOBAL ID _____ E REPORT: PDF EDF EDD ASL JOB# 2211129

CHAIN OF CUSTODY FORM

Company: Rincon Consultants		Report To: Austin Moore	ANALYSIS REQUESTED
Address: 180 N Ashwood Ave	Project Name: Bell Oasis	Address	
Ventura, CA 93003	Site Address: 5600 Rickenbacker Road	Invoice To	
Telephone: 909-253-0705 Fax:	Bell Gardens, CA 90201	Address	
Special Instruction:	Project ID:		
E-mail: amoore@rinconconsultants.com	Project Manager: Austin Moore	P.O.#	

ITEM	LAB USE ONLY	SAMPLE DESCRIPTION			Container(s)				Total Lead EPA Meth. 6010B	Total Arsenic EPA Method 6010B	Remarks
	Lab ID	Sample ID	Date	Time	#	Type	Matrix	Preservation			
	2211129-41	RB-15-5	11/16/22	1058	1	9oz Jar	Soil	N/A	✔	✔	HOLD
	2211129-42	RB-16-0.5	11/16/22	1123	1	9oz Jar	Soil	N/A	✔	✔	
	2211129-43	RB-16-2	11/16/22	1124	1	9oz Jar	Soil	N/A	✔	✔	
	2211129-44	RB-16-3	11/16/22	1125	1	9oz Jar	Soil	N/A	✔	✔	HOLD
	2211129-45	RB-16-4	11/16/22	1126	1	9oz Jar	Soil	N/A	✔	✔	HOLD
	2211129-46	RB-16-5	11/16/22	1127	1	9oz Jar	Soil	N/A	✔	✔	HOLD

Collected By: Mike Girod	Date: 11/16/22	Time:	Relinquished By:	Date:	Time:	TAT: ~~Normal~~ Rush
Relinquished By: MG	Date: 11/16/22	Time: 1255	Received For Laboratory By: Janet Chen	Date: 11-16-22	Time: 1255	
Received By:			Cooler Temp:			

American Scientific Laboratories, LLC
Environmental Testing Services
2520 N. San Fernando Road, LA CA 90065 Tel: (323) 223-9700 • Fax: (323) 223-9500

Rincon Consultants, Inc.	Project: Bell Oasis	Work Order No: 2211129
180 North Ashwood Avenue	Project Number: [none]	**Reported:**
Ventura CA, 93003	Project Manager: Austin Moore	12/12/2022 18:08

ANALYTICAL SUMMARY REPORT

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
RB-1A-3	2211129-01	Solid	11/16/2022 09:29	11/16/2022 12:55
RB-1A-4	2211129-02	Solid	11/16/2022 09:31	11/16/2022 12:55
RB-2A-3	2211129-04	Solid	11/16/2022 11:06	11/16/2022 12:55
RB-2A-4	2211129-05	Solid	11/16/2022 11:08	11/16/2022 12:55
RB-9-0.5	2211129-07	Solid	11/16/2022 09:40	11/16/2022 12:55
RB-9-2	2211129-08	Solid	11/16/2022 09:42	11/16/2022 12:55
RB-10-0.5	2211129-12	Solid	11/16/2022 10:03	11/16/2022 12:55
RB-10-2	2211129-13	Solid	11/16/2022 10:04	11/16/2022 12:55
RB-11-0.5	2211129-17	Solid	11/16/2022 09:08	11/16/2022 12:55
RB-11-2	2211129-18	Solid	11/16/2022 09:11	11/16/2022 12:55
RB-11-3	2211129-19	Solid	11/16/2022 09:13	11/16/2022 12:55
RB-11-4	2211129-20	Solid	11/16/2022 09:15	11/16/2022 12:55
RB-12-0.5	2211129-22	Solid	11/16/2022 08:40	11/16/2022 12:55
RB-12-2	2211129-23	Solid	11/16/2022 08:49	11/16/2022 12:55
RB-13-0.5	2211129-27	Solid	11/16/2022 10:19	11/16/2022 12:55
RB-13-2	2211129-28	Solid	11/16/2022 10:21	11/16/2022 12:55
RB-14-0.5	2211129-32	Solid	11/16/2022 08:05	11/16/2022 12:55
RB-14-2	2211129-33	Solid	11/16/2022 08:15	11/16/2022 12:55
RB-15-0.5	2211129-37	Solid	11/16/2022 10:54	11/16/2022 12:55
RB-15-2	2211129-38	Solid	11/16/2022 10:55	11/16/2022 12:55
RB-16-0.5	2211129-42	Solid	11/16/2022 11:23	11/16/2022 12:55
RB-16-2	2211129-43	Solid	11/16/2022 11:24	11/16/2022 12:55

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Amolk Brar, Lab Director

American Scientific Laboratories, LLC
Environmental Testing Services
2520 N. San Fernando Road, LA CA 90065 Tel: (323) 223-9700 • Fax: (323) 223-9500

Rincon Consultants, Inc.	Project: Bell Oasis	Work Order No: 2211129
180 North Ashwood Avenue	Project Number: [none]	**Reported:**
Ventura CA, 93003	Project Manager: Austin Moore	12/12/2022 18:08

Analytical Results

Client Sample ID: RB-1A-3

Laboratory Sample ID: 2211129-01 (Solid)

Analyte	Result	Notes	MDL	PQL	Units	Dilution	Prep Method	Analyzed	Analyst	Method
Total ICP Metals					Batch ID:	BK20311		Prepared: 11/22/2022 10:00		
Arsenic	**8.41**		0.357	1.00	mg/kg	1	3050B	11/28/2022 15:39	MB	SW846 6010B
Lead	**4.87**		0.175	0.500	mg/kg	1	3050B	11/28/2022 15:39	MB	SW846 6010B

Analytical Results

Client Sample ID: RB-1A-4

Laboratory Sample ID: 2211129-02 (Solid)

Analyte	Result	Notes	MDL	PQL	Units	Dilution	Prep Method	Analyzed	Analyst	Method
Total ICP Metals					Batch ID:	BK20311		Prepared: 11/22/2022 10:00		
Arsenic	**3.11**		0.357	1.00	mg/kg	1	3050B	11/28/2022 15:41	MB	SW846 6010B
Lead	**1.98**		0.175	0.500	mg/kg	1	3050B	11/28/2022 15:41	MB	SW846 6010B

Analytical Results

Client Sample ID: RB-2A-3

Laboratory Sample ID: 2211129-04 (Solid)

Analyte	Result	Notes	MDL	PQL	Units	Dilution	Prep Method	Analyzed	Analyst	Method
Total ICP Metals					Batch ID:	BK20311		Prepared: 11/22/2022 10:00		
Arsenic	**2.40**		0.357	1.00	mg/kg	1	3050B	12/12/2022 17:49	MB	SW846 6010B
Lead	**6.60**		0.175	0.500	mg/kg	1	3050B	12/12/2022 17:49	MB	SW846 6010B

Analytical Results

Client Sample ID: RB-2A-4

Laboratory Sample ID: 2211129-05 (Solid)

Analyte	Result	Notes	MDL	PQL	Units	Dilution	Prep Method	Analyzed	Analyst	Method
Total ICP Metals					Batch ID:	BK20311		Prepared: 11/22/2022 10:00		
Arsenic	**1.23**		0.357	1.00	mg/kg	1	3050B	11/28/2022 15:43	MB	SW846 6010B
Lead	**2.29**		0.175	0.500	mg/kg	1	3050B	11/28/2022 15:43	MB	SW846 6010B

Analytical Results

Client Sample ID: RB-9-0.5

Laboratory Sample ID: 2211129-07 (Solid)

Analyte	Result	Notes	MDL	PQL	Units	Dilution	Prep Method	Analyzed	Analyst	Method
Total ICP Metals					Batch ID:	BK20311		Prepared: 11/22/2022 10:00		

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Amolk Brar, Lab Director

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Rincon Consultants, Inc.	Project: Bell Oasis	Work Order No: 2211129
180 North Ashwood Avenue	Project Number: [none]	**Reported:**
Ventura CA, 93003	Project Manager: Austin Moore	12/12/2022 18:08

Analytical Results

Client Sample ID: RB-9-0.5

Laboratory Sample ID: 2211129-07 (Solid)

Analyte	Result	Notes	MDL	PQL	Units	Dilution	Prep Method	Analyzed	Analyst	Method
Total ICP Metals					Batch ID: BK20311			Prepared: 11/22/2022 10:00		
Arsenic	**2.30**		0.357	1.00	mg/kg	1	3050B	11/28/2022 15:45	MB	SW846 6010B
Lead	**17.3**		0.175	0.500	mg/kg	1	3050B	11/28/2022 15:45	MB	SW846 6010B

Analytical Results

Client Sample ID: RB-9-2

Laboratory Sample ID: 2211129-08 (Solid)

Analyte	Result	Notes	MDL	PQL	Units	Dilution	Prep Method	Analyzed	Analyst	Method
Total ICP Metals					Batch ID: BK20312			Prepared: 11/22/2022 10:00		
Arsenic	**1.62**		0.357	1.00	mg/kg	1	3050B	11/28/2022 16:03	MB	SW846 6010B
Lead	**11.1**		0.175	0.500	mg/kg	1	3050B	11/28/2022 16:03	MB	SW846 6010B

Analytical Results

Client Sample ID: RB-10-0.5

Laboratory Sample ID: 2211129-12 (Solid)

Analyte	Result	Notes	MDL	PQL	Units	Dilution	Prep Method	Analyzed	Analyst	Method
Total ICP Metals					Batch ID: BK20312			Prepared: 11/22/2022 10:00		
Arsenic	**2.23**		0.357	1.00	mg/kg	1	3050B	11/28/2022 16:10	MB	SW846 6010B
Lead	**14.6**		0.175	0.500	mg/kg	1	3050B	11/28/2022 16:10	MB	SW846 6010B

Analytical Results

Client Sample ID: RB-10-2

Laboratory Sample ID: 2211129-13 (Solid)

Analyte	Result	Notes	MDL	PQL	Units	Dilution	Prep Method	Analyzed	Analyst	Method
Total ICP Metals					Batch ID: BK20312			Prepared: 11/22/2022 10:00		
Arsenic	**0.665**	J	0.357	1.00	mg/kg	1	3050B	11/28/2022 16:12	MB	SW846 6010B
Lead	**2.54**		0.175	0.500	mg/kg	1	3050B	11/28/2022 16:12	MB	SW846 6010B

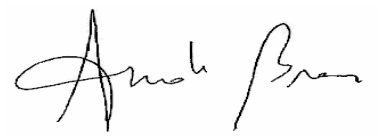
Analytical Results

Client Sample ID: RB-11-0.5

Laboratory Sample ID: 2211129-17 (Solid)

Analyte	Result	Notes	MDL	PQL	Units	Dilution	Prep Method	Analyzed	Analyst	Method
Total ICP Metals					Batch ID: BK20312			Prepared: 11/22/2022 10:00		

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Rincon Consultants, Inc.	Project: Bell Oasis	Work Order No: 2211129
180 North Ashwood Avenue	Project Number: [none]	**Reported:**
Ventura CA, 93003	Project Manager: Austin Moore	12/12/2022 18:08

Analytical Results

Client Sample ID: RB-11-0.5

Laboratory Sample ID: 2211129-17 (Solid)

Analyte	Result	Notes	MDL	PQL	Units	Dilution	Prep Method	Analyzed	Analyst	Method
Total ICP Metals				Batch ID: BK20312			Prepared: 11/22/2022 10:00			
Arsenic	**8.80**		0.357	1.00	mg/kg	1	3050B	11/28/2022 16:14	MB	SW846 6010B
Lead	**24.1**		0.175	0.500	mg/kg	1	3050B	11/28/2022 16:14	MB	SW846 6010B

Analytical Results

Client Sample ID: RB-11-2

Laboratory Sample ID: 2211129-18 (Solid)

Analyte	Result	Notes	MDL	PQL	Units	Dilution	Prep Method	Analyzed	Analyst	Method
Total ICP Metals				Batch ID: BK20312			Prepared: 11/22/2022 10:00			
Arsenic	**3.53**		0.357	1.00	mg/kg	1	3050B	11/28/2022 16:17	MB	SW846 6010B
Lead	**86.3**		0.175	0.500	mg/kg	1	3050B	11/28/2022 16:17	MB	SW846 6010B
STLC Metals				Batch ID: BL20140			Prepared: 12/02/2022 10:00			
Lead	**3.43**			0.500	mg/L	10	STLC	12/07/2022 19:28	MB	EPA 6010B

Analytical Results

Client Sample ID: RB-11-3

Laboratory Sample ID: 2211129-19 (Solid)

Analyte	Result	Notes	MDL	PQL	Units	Dilution	Prep Method	Analyzed	Analyst	Method
Total ICP Metals				Batch ID: BL20201			Prepared: 12/09/2022 10:00			
Arsenic	**3.91**		0.357	1.00	mg/kg	1	3050B	12/12/2022 15:36	MB	SW846 6010B
Lead	**64.8**		0.175	0.500	mg/kg	1	3050B	12/12/2022 15:36	MB	SW846 6010B

Analytical Results

Client Sample ID: RB-11-4

Laboratory Sample ID: 2211129-20 (Solid)

Analyte	Result	Notes	MDL	PQL	Units	Dilution	Prep Method	Analyzed	Analyst	Method
Total ICP Metals				Batch ID: BL20201			Prepared: 12/09/2022 10:00			
Arsenic	**2.86**		0.357	1.00	mg/kg	1	3050B	12/12/2022 15:39	MB	SW846 6010B
Lead	**38.5**		0.175	0.500	mg/kg	1	3050B	12/12/2022 15:39	MB	SW846 6010B

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Amolk Brar, Lab Director

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Rincon Consultants, Inc.	Project: Bell Oasis	Work Order No: 2211129
180 North Ashwood Avenue	Project Number: [none]	**Reported:**
Ventura CA, 93003	Project Manager: Austin Moore	12/12/2022 18:08

Analytical Results

Client Sample ID: RB-12-0.5

Laboratory Sample ID: 2211129-22 (Solid)

Analyte	Result	Notes	MDL	PQL	Units	Dilution	Prep Method	Analyzed	Analyst	Method
Total ICP Metals				Batch ID: BK20312			Prepared: 11/22/2022 10:00			
Arsenic	**8.34**		0.357	1.00	mg/kg	1	3050B	11/28/2022 16:19	MB	SW846 6010B
Lead	**97.5**		0.175	0.500	mg/kg	1	3050B	11/28/2022 16:19	MB	SW846 6010B
STLC Metals				Batch ID: BL20140			Prepared: 12/02/2022 10:00			
Lead	**3.30**			0.500	mg/L	10	STLC	12/07/2022 19:30	MB	EPA 6010B

Analytical Results

Client Sample ID: RB-12-2

Laboratory Sample ID: 2211129-23 (Solid)

Analyte	Result	Notes	MDL	PQL	Units	Dilution	Prep Method	Analyzed	Analyst	Method
Total ICP Metals				Batch ID: BK20312			Prepared: 11/22/2022 10:00			
Arsenic	**3.82**		0.357	1.00	mg/kg	1	3050B	11/28/2022 16:21	MB	SW846 6010B
Lead	**18.2**		0.175	0.500	mg/kg	1	3050B	11/28/2022 16:21	MB	SW846 6010B

Analytical Results

Client Sample ID: RB-13-0.5

Laboratory Sample ID: 2211129-27 (Solid)

Analyte	Result	Notes	MDL	PQL	Units	Dilution	Prep Method	Analyzed	Analyst	Method
Total ICP Metals				Batch ID: BK20312			Prepared: 11/22/2022 10:00			
Arsenic	**4.12**		0.357	1.00	mg/kg	1	3050B	11/28/2022 16:23	MB	SW846 6010B
Lead	**33.6**		0.175	0.500	mg/kg	1	3050B	11/28/2022 16:23	MB	SW846 6010B

Analytical Results

Client Sample ID: RB-13-2

Laboratory Sample ID: 2211129-28 (Solid)

Analyte	Result	Notes	MDL	PQL	Units	Dilution	Prep Method	Analyzed	Analyst	Method
Total ICP Metals				Batch ID: BK20312			Prepared: 11/22/2022 10:00			
Arsenic	**2.05**		0.357	1.00	mg/kg	1	3050B	11/28/2022 16:26	MB	SW846 6010B
Lead	**8.81**		0.175	0.500	mg/kg	1	3050B	11/28/2022 16:26	MB	SW846 6010B

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Amolk Brar, Lab Director

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Rincon Consultants, Inc.	Project: Bell Oasis	Work Order No: 2211129
180 North Ashwood Avenue	Project Number: [none]	**Reported:**
Ventura CA, 93003	Project Manager: Austin Moore	12/12/2022 18:08

Analytical Results

Client Sample ID: RB-14-0.5

Laboratory Sample ID: 2211129-32 (Solid)

Analyte	Result	Notes	MDL	PQL	Units	Dilution	Prep Method	Analyzed	Analyst	Method
Total ICP Metals				Batch ID: BK20312			Prepared: 11/22/2022 10:00			
Arsenic	**9.17**		0.357	1.00	mg/kg	1	3050B	11/28/2022 16:35	MB	SW846 6010B
Lead	**97.6**		0.175	0.500	mg/kg	1	3050B	11/28/2022 16:35	MB	SW846 6010B
STLC Metals				Batch ID: BL20140			Prepared: 12/02/2022 10:00			
Lead	ND			0.500	mg/L	10	STLC	12/07/2022 19:34	MB	EPA 6010B

Analytical Results

Client Sample ID: RB-14-2

Laboratory Sample ID: 2211129-33 (Solid)

Analyte	Result	Notes	MDL	PQL	Units	Dilution	Prep Method	Analyzed	Analyst	Method
Total ICP Metals				Batch ID: BK20312			Prepared: 11/22/2022 10:00			
Arsenic	**2.84**		0.357	1.00	mg/kg	1	3050B	11/28/2022 16:38	MB	SW846 6010B
Lead	**18.2**		0.175	0.500	mg/kg	1	3050B	11/28/2022 16:38	MB	SW846 6010B

Analytical Results

Client Sample ID: RB-15-0.5

Laboratory Sample ID: 2211129-37 (Solid)

Analyte	Result	Notes	MDL	PQL	Units	Dilution	Prep Method	Analyzed	Analyst	Method
Total ICP Metals				Batch ID: BK20312			Prepared: 11/22/2022 10:00			
Arsenic	**1.55**		0.357	1.00	mg/kg	1	3050B	11/28/2022 16:40	MB	SW846 6010B
Lead	**7.50**		0.175	0.500	mg/kg	1	3050B	11/28/2022 16:40	MB	SW846 6010B

Analytical Results

Client Sample ID: RB-15-2

Laboratory Sample ID: 2211129-38 (Solid)

Analyte	Result	Notes	MDL	PQL	Units	Dilution	Prep Method	Analyzed	Analyst	Method
Total ICP Metals				Batch ID: BK20312			Prepared: 11/22/2022 10:00			
Arsenic	**1.85**		0.357	1.00	mg/kg	1	3050B	11/28/2022 16:42	MB	SW846 6010B
Lead	**3.56**		0.175	0.500	mg/kg	1	3050B	11/28/2022 16:42	MB	SW846 6010B

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2520 N. San Fernando Road, LA CA 90065 Tel: (323) 223-9700 • Fax: (323) 223-9500

Rincon Consultants, Inc.	Project: Bell Oasis	Work Order No: 2211129
180 North Ashwood Avenue	Project Number: [none]	**Reported:**
Ventura CA, 93003	Project Manager: Austin Moore	12/12/2022 18:08

Analytical Results

Client Sample ID: RB-16-0.5

Laboratory Sample ID: 2211129-42 (Solid)

Analyte	Result	Notes	MDL	PQL	Units	Dilution	Prep Method	Analyzed	Analyst	Method
Total ICP Metals					Batch ID: BK20312		Prepared: 11/22/2022 10:00			
Arsenic	**1.74**		0.357	1.00	mg/kg	1	3050B	11/28/2022 16:44	MB	SW846 6010B
Lead	**4.22**		0.175	0.500	mg/kg	1	3050B	11/28/2022 16:44	MB	SW846 6010B

Analytical Results

Client Sample ID: RB-16-2

Laboratory Sample ID: 2211129-43 (Solid)

Analyte	Result	Notes	MDL	PQL	Units	Dilution	Prep Method	Analyzed	Analyst	Method
Total ICP Metals					Batch ID: BK20312		Prepared: 11/22/2022 10:00			
Arsenic	**0.862**	J	0.357	1.00	mg/kg	1	3050B	11/28/2022 16:46	MB	SW846 6010B
Lead	**3.94**		0.175	0.500	mg/kg	1	3050B	11/28/2022 16:46	MB	SW846 6010B

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Rincon Consultants, Inc.	Project: Bell Oasis	Work Order No: 2211129
180 North Ashwood Avenue	Project Number: [none]	**Reported:**
Ventura CA, 93003	Project Manager: Austin Moore	12/12/2022 18:08

Total ICP Metals - Quality Control Report

Analyte	Result	MDL	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch BK20311 - 3050B - SW846 6010B											
Blank (BK20311-BLK1)					Prepared: 11/22/202 Analyzed: 11/28/202						
Arsenic	ND	0.357	1.00	mg/kg							
Lead	ND	0.175	0.500	"							
LCS (BK20311-BS1)					Prepared: 11/22/202 Analyzed: 11/28/202						
Arsenic	53.6	0.357	1.00	mg/kg	50.0		107	80-120			
Lead	54.8	0.175	0.500	"	50.0		110	80-120			
LCS Dup (BK20311-BSD1)					Prepared: 11/22/202 Analyzed: 11/28/202						
Arsenic	57.2	0.357	1.00	mg/kg	50.0		114	80-120	6.45	20	
Lead	57.8	0.175	0.500	"	50.0		116	80-120	5.29	20	
Matrix Spike (BK20311-MS1)		**Source: 2211149-01**			Prepared: 11/22/202 Analyzed: 11/28/202						**QM-05**
Arsenic	74.6	0.357	1.00	mg/kg	50.0	0.486	148	70-130			
Lead	93.8	0.175	0.500	"	50.0	3.90	180	70-130			QM-05
Matrix Spike Dup (BK20311-MSD1)		**Source: 2211149-01**			Prepared: 11/22/202 Analyzed: 11/28/202						
Arsenic	75.1	0.357	1.00	mg/kg	50.0	0.486	149	70-130	0.746	30	
Lead	94.4	0.175	0.500	"	50.0	3.90	181	70-130	0.643	30	QM-05
Batch BK20312 - 3050B - SW846 6010B											
Blank (BK20312-BLK1)					Prepared: 11/22/202 Analyzed: 11/28/202						
Arsenic	ND	0.357	1.00	mg/kg							
Lead	ND	0.175	0.500	"							
LCS (BK20312-BS1)					Prepared: 11/22/202 Analyzed: 11/23/202						
Arsenic	52.5	0.357	1.00	mg/kg	50.0		105	80-120			
Lead	54.0	0.175	0.500	"	50.0		108	80-120			

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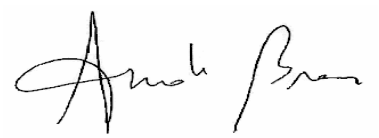
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Rincon Consultants, Inc.	Project: Bell Oasis	Work Order No: 2211129
180 North Ashwood Avenue	Project Number: [none]	**Reported:**
Ventura CA, 93003	Project Manager: Austin Moore	12/12/2022 18:08

Total ICP Metals - Quality Control Report

Analyte	Result	MDL	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch BK20312 - 3050B - SW846 6010B											
LCS Dup (BK20312-BSD1)					Prepared: 11/22/202 Analyzed: 11/28/202						
Arsenic	55.9	0.357	1.00	mg/kg	50.0		112	80-120	6.35	20	
Lead	56.1	0.175	0.500	"	50.0		112	80-120	3.77	20	
Matrix Spike (BK20312-MS1)		**Source: 2211129-08**			Prepared: 11/22/202 Analyzed: 11/28/202						**QM-05**
Arsenic	81.1	0.357	1.00	mg/kg	50.0	1.62	159	70-130			
Lead	91.2	0.175	0.500	"	50.0	11.1	160	70-130			
Matrix Spike Dup (BK20312-MSD1)		**Source: 2211129-08**			Prepared: 11/22/202 Analyzed: 11/28/202						**QM-05**
Arsenic	73.8	0.357	1.00	mg/kg	50.0	1.62	144	70-130	9.53	30	
Lead	82.6	0.175	0.500	"	50.0	11.1	143	70-130	9.88	30	
Batch BL20201 - 3050B - SW846 6010B											
Blank (BL20201-BLK1)					Prepared: 12/09/202 Analyzed: 12/12/202						
Arsenic	ND	0.357	1.00	mg/kg							
Lead	ND	0.175	0.500	"							
LCS (BL20201-BS1)					Prepared: 12/09/202 Analyzed: 12/12/202						
Arsenic	60.0	0.357	1.00	mg/kg	50.0		120	80-120			
Lead	58.6	0.175	0.500	"	50.0		117	80-120			
LCS Dup (BL20201-BSD1)					Prepared: 12/09/202 Analyzed: 12/12/202						
Arsenic	59.2	0.357	1.00	mg/kg	50.0		118	80-120	1.36	20	
Lead	57.9	0.175	0.500	"	50.0		116	80-120	1.23	20	
Matrix Spike (BL20201-MS1)		**Source: 2212044-01**			Prepared: 12/09/202 Analyzed: 12/12/202						
Arsenic	58.0	0.357	1.00	mg/kg	50.0	2.66	111	70-130			
Lead	55.5	0.175	0.500	"	50.0	2.78	105	70-130			

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180 North Ashwood Avenue	Project Number: [none]	**Reported:**
Ventura CA, 93003	Project Manager: Austin Moore	12/12/2022 18:08

Total ICP Metals - Quality Control Report

Analyte	Result	MDL	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch BL20201 - 3050B - SW846 6010B											
Matrix Spike Dup (BL20201-MSD1)		**Source: 2212044-01**			Prepared: 12/09/202 Analyzed: 12/12/202						
Arsenic	61.4	0.357	1.00	mg/kg	50.0	2.66	118	70-130	5.70	30	
Lead	58.5	0.175	0.500	"	50.0	2.78	111	70-130	5.22	30	

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180 North Ashwood Avenue	Project Number: [none]	**Reported:**
Ventura CA, 93003	Project Manager: Austin Moore	12/12/2022 18:08

STLC Metals - Quality Control Report

Analyte	Result	MDL	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch BL20140 - STLC - EPA 6010B											
Blank (BL20140-BLK1)					Prepared: 12/02/202 Analyzed: 12/07/202						
Lead	ND		0.500	mg/L							
LCS (BL20140-BS1)					Prepared: 12/02/202 Analyzed: 12/07/202						
Lead	1.59		0.500	mg/L	1.40		114	80-120			
LCS Dup (BL20140-BSD1)					Prepared: 12/02/202 Analyzed: 12/07/202						
Lead	1.53		0.500	mg/L	1.40		110	80-120	3.56	25	

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Rincon Consultants, Inc.	Project: Bell Oasis	Work Order No: 2211129
180 North Ashwood Avenue	Project Number: [none]	**Reported:**
Ventura CA, 93003	Project Manager: Austin Moore	12/12/2022 18:08

Notes and Definitions

QM-05	The spike recovery was outside acceptance limits for the MS and/or MSD due to matrix interference. The LCS and/or LCSD were within acceptance limits showing that the laboratory is in control and the data is acceptable.
J	Detected but below the Reporting Limit; therefore, result is an estimated concentration (CLP J-Flag).
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the practical quantitation limit (PQL)
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference

Appendix H

Noise Data and Calculations

Appendix H

Noise Data and Calculations

- Freq Weight : A
- Time Weight : SLOW
- Level Range : 40-100
- Max dB : 71.8 - 2022/05/24 09:02:06
- Level Range : 40-100
- SEL : 87.1
- Leq : 57.6
-

No.s	Date Time	(dB)
1	2022/05/24 08:52:48	55.2
2	2022/05/24 08:52:51	54.6
3	2022/05/24 08:52:54	55.6
4	2022/05/24 08:52:57	53.3
5	2022/05/24 08:53:00	53.3
6	2022/05/24 08:53:03	52.8
7	2022/05/24 08:53:06	52.6
8	2022/05/24 08:53:09	53.3
9	2022/05/24 08:53:12	53.0
10	2022/05/24 08:53:15	53.3
11	2022/05/24 08:53:18	53.4
12	2022/05/24 08:53:21	54.2
13	2022/05/24 08:53:24	58.0
14	2022/05/24 08:53:27	55.0
15	2022/05/24 08:53:30	55.1
16	2022/05/24 08:53:33	54.2
17	2022/05/24 08:53:36	53.8
18	2022/05/24 08:53:39	53.4
19	2022/05/24 08:53:42	53.2
20	2022/05/24 08:53:45	54.5
21	2022/05/24 08:53:48	54.9
22	2022/05/24 08:53:51	55.3
23	2022/05/24 08:53:54	54.0
24	2022/05/24 08:53:57	53.1
25	2022/05/24 08:54:00	53.8
26	2022/05/24 08:54:03	53.7
27	2022/05/24 08:54:06	52.6
28	2022/05/24 08:54:09	53.8
29	2022/05/24 08:54:12	53.0
30	2022/05/24 08:54:15	53.4
31	2022/05/24 08:54:18	54.1
32	2022/05/24 08:54:21	54.2
33	2022/05/24 08:54:24	54.7
34	2022/05/24 08:54:27	55.5
35	2022/05/24 08:54:30	55.3
36	2022/05/24 08:54:33	57.8
37	2022/05/24 08:54:36	57.2
38	2022/05/24 08:54:39	59.3
39	2022/05/24 08:54:42	58.1
40	2022/05/24 08:54:45	57.3
41	2022/05/24 08:54:48	55.5
42	2022/05/24 08:54:51	56.4
43	2022/05/24 08:54:54	56.6
44	2022/05/24 08:54:57	54.6
45	2022/05/24 08:55:00	54.6
46	2022/05/24 08:55:03	55.2
47	2022/05/24 08:55:06	54.1
48	2022/05/24 08:55:09	53.7
49	2022/05/24 08:55:12	53.7
50	2022/05/24 08:55:15	54.6
51	2022/05/24 08:55:18	54.7
52	2022/05/24 08:55:21	54.9
53	2022/05/24 08:55:24	54.2
54	2022/05/24 08:55:27	53.3
55	2022/05/24 08:55:30	53.0
56	2022/05/24 08:55:33	52.6
57	2022/05/24 08:55:36	52.0
58	2022/05/24 08:55:39	52.4
59	2022/05/24 08:55:42	53.8
60	2022/05/24 08:55:45	52.8
61	2022/05/24 08:55:48	52.4
62	2022/05/24 08:55:51	53.4
63	2022/05/24 08:55:54	53.4
64	2022/05/24 08:55:57	53.3
65	2022/05/24 08:56:00	54.0
66	2022/05/24 08:56:03	53.5
67	2022/05/24 08:56:06	54.3
68	2022/05/24 08:56:09	55.2
69	2022/05/24 08:56:12	55.7
70	2022/05/24 08:56:15	56.0
71	2022/05/24 08:56:18	57.6
72	2022/05/24 08:56:21	61.3
73	2022/05/24 08:56:24	64.3
74	2022/05/24 08:56:27	64.3
75	2022/05/24 08:56:30	65.4
76	2022/05/24 08:56:33	63.3
77	2022/05/24 08:56:36	61.5
78	2022/05/24 08:56:39	58.7
79	2022/05/24 08:56:42	55.0
80	2022/05/24 08:56:45	54.4
81	2022/05/24 08:56:48	54.8
82	2022/05/24 08:56:51	54.8
83	2022/05/24 08:56:54	55.2
84	2022/05/24 08:56:57	55.0

85	2022/05/24	08:57:00	55.1
86	2022/05/24	08:57:03	54.6
87	2022/05/24	08:57:06	53.4
88	2022/05/24	08:57:09	53.4
89	2022/05/24	08:57:12	54.2
90	2022/05/24	08:57:15	53.8
91	2022/05/24	08:57:18	53.4
92	2022/05/24	08:57:21	53.3
93	2022/05/24	08:57:24	54.2
94	2022/05/24	08:57:27	54.4
95	2022/05/24	08:57:30	54.4
96	2022/05/24	08:57:33	53.6
97	2022/05/24	08:57:36	54.1
98	2022/05/24	08:57:39	55.1
99	2022/05/24	08:57:42	54.5
100	2022/05/24	08:57:45	54.2
101	2022/05/24	08:57:48	55.2
102	2022/05/24	08:57:51	57.3
103	2022/05/24	08:57:54	59.2
104	2022/05/24	08:57:57	64.7
105	2022/05/24	08:58:00	66.3
106	2022/05/24	08:58:03	66.8
107	2022/05/24	08:58:06	69.7
108	2022/05/24	08:58:09	68.3
109	2022/05/24	08:58:12	66.3
110	2022/05/24	08:58:15	67.1
111	2022/05/24	08:58:18	62.4
112	2022/05/24	08:58:21	60.0
113	2022/05/24	08:58:24	56.6
114	2022/05/24	08:58:27	56.5
115	2022/05/24	08:58:30	55.2
116	2022/05/24	08:58:33	54.7
117	2022/05/24	08:58:36	54.4
118	2022/05/24	08:58:39	53.4
119	2022/05/24	08:58:42	53.5
120	2022/05/24	08:58:45	53.4
121	2022/05/24	08:58:48	53.8
122	2022/05/24	08:58:51	54.0
123	2022/05/24	08:58:54	54.9
124	2022/05/24	08:58:57	54.1
125	2022/05/24	08:59:00	53.3
126	2022/05/24	08:59:03	53.3
127	2022/05/24	08:59:06	53.1
128	2022/05/24	08:59:09	53.1
129	2022/05/24	08:59:12	52.9
130	2022/05/24	08:59:15	54.4
131	2022/05/24	08:59:18	54.2
132	2022/05/24	08:59:21	54.6
133	2022/05/24	08:59:24	53.8
134	2022/05/24	08:59:27	54.9
135	2022/05/24	08:59:30	54.6
136	2022/05/24	08:59:33	54.4
137	2022/05/24	08:59:36	54.2
138	2022/05/24	08:59:39	53.7
139	2022/05/24	08:59:42	54.0
140	2022/05/24	08:59:45	54.8
141	2022/05/24	08:59:48	54.2
142	2022/05/24	08:59:51	55.0
143	2022/05/24	08:59:54	58.0
144	2022/05/24	08:59:57	59.4
145	2022/05/24	09:00:00	57.4
146	2022/05/24	09:00:03	58.9
147	2022/05/24	09:00:06	57.4
148	2022/05/24	09:00:09	58.1
149	2022/05/24	09:00:12	58.8
150	2022/05/24	09:00:15	57.6
151	2022/05/24	09:00:18	58.4
152	2022/05/24	09:00:21	57.1
153	2022/05/24	09:00:24	55.2
154	2022/05/24	09:00:27	57.4
155	2022/05/24	09:00:30	56.8
156	2022/05/24	09:00:33	56.8
157	2022/05/24	09:00:36	56.9
158	2022/05/24	09:00:39	54.9
159	2022/05/24	09:00:42	54.4
160	2022/05/24	09:00:45	56.6
161	2022/05/24	09:00:48	55.4
162	2022/05/24	09:00:51	55.3
163	2022/05/24	09:00:54	55.6
164	2022/05/24	09:00:57	55.3
165	2022/05/24	09:01:00	55.3
166	2022/05/24	09:01:03	54.6
167	2022/05/24	09:01:06	55.0
168	2022/05/24	09:01:09	55.4
169	2022/05/24	09:01:12	55.6
170	2022/05/24	09:01:15	55.6
171	2022/05/24	09:01:18	56.3
172	2022/05/24	09:01:21	55.4
173	2022/05/24	09:01:24	55.1
174	2022/05/24	09:01:27	54.4
175	2022/05/24	09:01:30	55.0
176	2022/05/24	09:01:33	54.4
177	2022/05/24	09:01:36	54.1
178	2022/05/24	09:01:39	54.6
179	2022/05/24	09:01:42	56.9
180	2022/05/24	09:01:45	54.9
181	2022/05/24	09:01:48	54.4
182	2022/05/24	09:01:51	54.8

183	2022/05/24	09:01:54	54.3
184	2022/05/24	09:01:57	54.2
185	2022/05/24	09:02:00	54.2
186	2022/05/24	09:02:03	56.4
187	2022/05/24	09:02:06	63.5
188	2022/05/24	09:02:09	55.4
189	2022/05/24	09:02:12	54.0
190	2022/05/24	09:02:15	55.5
191	2022/05/24	09:02:18	53.5
192	2022/05/24	09:02:21	53.8
193	2022/05/24	09:02:24	53.5
194	2022/05/24	09:02:27	53.8
195	2022/05/24	09:02:30	54.2
196	2022/05/24	09:02:33	54.5
197	2022/05/24	09:02:36	53.5
198	2022/05/24	09:02:39	53.6
199	2022/05/24	09:02:42	52.8
200	2022/05/24	09:02:45	53.2
201	2022/05/24	09:02:48	53.0
202	2022/05/24	09:02:51	53.5
203	2022/05/24	09:02:54	53.6
204	2022/05/24	09:02:57	54.1
205	2022/05/24	09:03:00	54.3
206	2022/05/24	09:03:03	55.3
207	2022/05/24	09:03:06	54.1
208	2022/05/24	09:03:09	53.8
209	2022/05/24	09:03:12	54.3
210	2022/05/24	09:03:15	57.0
211	2022/05/24	09:03:18	57.0
212	2022/05/24	09:03:21	58.8
213	2022/05/24	09:03:24	56.8
214	2022/05/24	09:03:27	58.0
215	2022/05/24	09:03:30	57.9
216	2022/05/24	09:03:33	56.4
217	2022/05/24	09:03:36	54.3
218	2022/05/24	09:03:39	53.8
219	2022/05/24	09:03:42	53.4
220	2022/05/24	09:03:45	53.1
221	2022/05/24	09:03:48	53.7
222	2022/05/24	09:03:51	54.2
223	2022/05/24	09:03:54	54.5
224	2022/05/24	09:03:57	54.7
225	2022/05/24	09:04:00	54.0
226	2022/05/24	09:04:03	54.8
227	2022/05/24	09:04:06	53.8
228	2022/05/24	09:04:09	54.3
229	2022/05/24	09:04:12	54.8
230	2022/05/24	09:04:15	54.4
231	2022/05/24	09:04:18	55.4
232	2022/05/24	09:04:21	54.8
233	2022/05/24	09:04:24	54.7
234	2022/05/24	09:04:27	54.2
235	2022/05/24	09:04:30	54.2
236	2022/05/24	09:04:33	54.2
237	2022/05/24	09:04:36	54.0
238	2022/05/24	09:04:39	53.7
239	2022/05/24	09:04:42	53.7
240	2022/05/24	09:04:45	54.7
241	2022/05/24	09:04:48	53.7
242	2022/05/24	09:04:51	53.9
243	2022/05/24	09:04:54	54.4
244	2022/05/24	09:04:57	57.0
245	2022/05/24	09:05:00	56.0
246	2022/05/24	09:05:03	57.0
247	2022/05/24	09:05:06	56.5
248	2022/05/24	09:05:09	57.7
249	2022/05/24	09:05:12	59.8
250	2022/05/24	09:05:15	58.1
251	2022/05/24	09:05:18	57.2
252	2022/05/24	09:05:21	58.1
253	2022/05/24	09:05:24	58.1
254	2022/05/24	09:05:27	57.2
255	2022/05/24	09:05:30	57.3
256	2022/05/24	09:05:33	57.1
257	2022/05/24	09:05:36	55.9
258	2022/05/24	09:05:39	54.7
259	2022/05/24	09:05:42	55.2
260	2022/05/24	09:05:45	57.9
261	2022/05/24	09:05:48	54.7
262	2022/05/24	09:05:51	55.0
263	2022/05/24	09:05:54	54.4
264	2022/05/24	09:05:57	54.6
265	2022/05/24	09:06:00	54.7
266	2022/05/24	09:06:03	54.3
267	2022/05/24	09:06:06	54.6
268	2022/05/24	09:06:09	54.3
269	2022/05/24	09:06:12	54.8
270	2022/05/24	09:06:15	54.4
271	2022/05/24	09:06:18	56.8
272	2022/05/24	09:06:21	54.7
273	2022/05/24	09:06:24	54.6
274	2022/05/24	09:06:27	57.3
275	2022/05/24	09:06:30	58.3
276	2022/05/24	09:06:33	62.3
277	2022/05/24	09:06:36	62.6
278	2022/05/24	09:06:39	68.6
279	2022/05/24	09:06:42	68.0
280	2022/05/24	09:06:45	62.7

281	2022/05/24	09:06:48	62.4
282	2022/05/24	09:06:51	62.4
283	2022/05/24	09:06:54	61.5
284	2022/05/24	09:06:57	60.7
285	2022/05/24	09:07:00	61.0
286	2022/05/24	09:07:03	58.8
287	2022/05/24	09:07:06	57.1
288	2022/05/24	09:07:09	57.7
289	2022/05/24	09:07:12	56.5
290	2022/05/24	09:07:15	55.4
291	2022/05/24	09:07:18	56.4
292	2022/05/24	09:07:21	57.2
293	2022/05/24	09:07:24	57.5
294	2022/05/24	09:07:27	56.4
295	2022/05/24	09:07:30	55.8
296	2022/05/24	09:07:33	56.2
297	2022/05/24	09:07:36	56.8
298	2022/05/24	09:07:39	56.3
299	2022/05/24	09:07:42	55.2
300	2022/05/24	09:07:45	56.1

- Freq Weight : A
- Time Weight : SLOW
- Level Range : 40-100
- Max dB : 75.8 - 2022/05/24 09:19:59
- Level Range : 40-100
- SEL : 91.9
- Leq : 62.4
-

No.s	Date Time	(dB)
1	2022/05/24 09:13:10	60.0
2	2022/05/24 09:13:13	59.5
3	2022/05/24 09:13:16	59.9
4	2022/05/24 09:13:19	59.2
5	2022/05/24 09:13:22	59.5
6	2022/05/24 09:13:25	59.9
7	2022/05/24 09:13:28	60.6
8	2022/05/24 09:13:31	61.3
9	2022/05/24 09:13:34	61.1
10	2022/05/24 09:13:37	60.8
11	2022/05/24 09:13:40	60.8
12	2022/05/24 09:13:43	61.6
13	2022/05/24 09:13:46	61.1
14	2022/05/24 09:13:49	60.1
15	2022/05/24 09:13:52	60.6
16	2022/05/24 09:13:55	60.5
17	2022/05/24 09:13:58	60.2
18	2022/05/24 09:14:01	59.3
19	2022/05/24 09:14:04	59.8
20	2022/05/24 09:14:07	60.3
21	2022/05/24 09:14:10	59.1
22	2022/05/24 09:14:13	60.1
23	2022/05/24 09:14:16	60.4
24	2022/05/24 09:14:19	59.7
25	2022/05/24 09:14:22	60.4
26	2022/05/24 09:14:25	60.2
27	2022/05/24 09:14:28	59.6
28	2022/05/24 09:14:31	60.2
29	2022/05/24 09:14:34	60.5
30	2022/05/24 09:14:37	59.7
31	2022/05/24 09:14:40	59.1
32	2022/05/24 09:14:43	59.4
33	2022/05/24 09:14:46	59.1
34	2022/05/24 09:14:49	58.6
35	2022/05/24 09:14:52	59.1
36	2022/05/24 09:14:55	58.7
37	2022/05/24 09:14:58	59.5
38	2022/05/24 09:15:01	60.2
39	2022/05/24 09:15:04	59.9
40	2022/05/24 09:15:07	61.0
41	2022/05/24 09:15:10	60.5
42	2022/05/24 09:15:13	60.7
43	2022/05/24 09:15:16	61.0
44	2022/05/24 09:15:19	61.0
45	2022/05/24 09:15:22	60.1
46	2022/05/24 09:15:25	59.1
47	2022/05/24 09:15:28	59.9
48	2022/05/24 09:15:31	59.1
49	2022/05/24 09:15:34	59.3
50	2022/05/24 09:15:37	59.0
51	2022/05/24 09:15:40	59.1
52	2022/05/24 09:15:43	59.9
53	2022/05/24 09:15:46	59.6
54	2022/05/24 09:15:49	62.6
55	2022/05/24 09:15:52	60.0
56	2022/05/24 09:15:55	59.9
57	2022/05/24 09:15:58	60.0
58	2022/05/24 09:16:01	63.7
59	2022/05/24 09:16:04	62.9
60	2022/05/24 09:16:07	60.4
61	2022/05/24 09:16:10	62.6
62	2022/05/24 09:16:13	61.6
63	2022/05/24 09:16:16	61.3
64	2022/05/24 09:16:19	61.3
65	2022/05/24 09:16:22	60.9
66	2022/05/24 09:16:25	61.1
67	2022/05/24 09:16:28	60.6
68	2022/05/24 09:16:31	60.2
69	2022/05/24 09:16:34	61.8
70	2022/05/24 09:16:37	60.0
71	2022/05/24 09:16:40	60.7
72	2022/05/24 09:16:43	60.6
73	2022/05/24 09:16:46	59.1
74	2022/05/24 09:16:49	58.5
75	2022/05/24 09:16:52	58.8
76	2022/05/24 09:16:55	59.4
77	2022/05/24 09:16:58	61.3
78	2022/05/24 09:17:01	64.4
79	2022/05/24 09:17:04	60.0
80	2022/05/24 09:17:07	59.1
81	2022/05/24 09:17:10	59.4
82	2022/05/24 09:17:13	59.1
83	2022/05/24 09:17:16	58.8
84	2022/05/24 09:17:19	59.3

85	2022/05/24	09:17:22	59.9
86	2022/05/24	09:17:25	59.7
87	2022/05/24	09:17:28	60.8
88	2022/05/24	09:17:31	64.7
89	2022/05/24	09:17:34	70.0
90	2022/05/24	09:17:37	64.9
91	2022/05/24	09:17:40	60.8
92	2022/05/24	09:17:43	61.7
93	2022/05/24	09:17:46	60.9
94	2022/05/24	09:17:49	59.8
95	2022/05/24	09:17:52	63.1
96	2022/05/24	09:17:55	60.6
97	2022/05/24	09:17:58	59.9
98	2022/05/24	09:18:01	59.8
99	2022/05/24	09:18:04	59.5
100	2022/05/24	09:18:07	59.2
101	2022/05/24	09:18:10	59.1
102	2022/05/24	09:18:13	60.0
103	2022/05/24	09:18:16	61.4
104	2022/05/24	09:18:19	60.5
105	2022/05/24	09:18:22	61.1
106	2022/05/24	09:18:25	60.6
107	2022/05/24	09:18:28	61.3
108	2022/05/24	09:18:31	60.6
109	2022/05/24	09:18:34	60.6
110	2022/05/24	09:18:37	60.5
111	2022/05/24	09:18:40	60.4
112	2022/05/24	09:18:43	60.2
113	2022/05/24	09:18:46	59.9
114	2022/05/24	09:18:49	60.6
115	2022/05/24	09:18:52	59.9
116	2022/05/24	09:18:55	60.0
117	2022/05/24	09:18:58	59.3
118	2022/05/24	09:19:01	59.8
119	2022/05/24	09:19:04	59.6
120	2022/05/24	09:19:07	60.5
121	2022/05/24	09:19:10	61.0
122	2022/05/24	09:19:13	59.8
123	2022/05/24	09:19:16	59.8
124	2022/05/24	09:19:19	59.2
125	2022/05/24	09:19:22	59.0
126	2022/05/24	09:19:25	59.5
127	2022/05/24	09:19:28	60.2
128	2022/05/24	09:19:31	60.5
129	2022/05/24	09:19:34	60.0
130	2022/05/24	09:19:37	61.0
131	2022/05/24	09:19:40	61.0
132	2022/05/24	09:19:43	63.1
133	2022/05/24	09:19:46	63.9
134	2022/05/24	09:19:49	66.8
135	2022/05/24	09:19:52	66.5
136	2022/05/24	09:19:55	72.9
137	2022/05/24	09:19:58	75.0
138	2022/05/24	09:20:01	73.6
139	2022/05/24	09:20:04	74.7
140	2022/05/24	09:20:07	71.6
141	2022/05/24	09:20:10	68.2
142	2022/05/24	09:20:13	65.0
143	2022/05/24	09:20:16	63.0
144	2022/05/24	09:20:19	61.4
145	2022/05/24	09:20:22	60.5
146	2022/05/24	09:20:25	59.8
147	2022/05/24	09:20:28	60.2
148	2022/05/24	09:20:31	59.6
149	2022/05/24	09:20:34	59.9
150	2022/05/24	09:20:37	59.8
151	2022/05/24	09:20:40	59.4
152	2022/05/24	09:20:43	59.5
153	2022/05/24	09:20:46	59.0
154	2022/05/24	09:20:49	59.1
155	2022/05/24	09:20:52	59.2
156	2022/05/24	09:20:55	59.8
157	2022/05/24	09:20:58	61.7
158	2022/05/24	09:21:01	60.3
159	2022/05/24	09:21:04	61.4
160	2022/05/24	09:21:07	60.6
161	2022/05/24	09:21:10	62.2
162	2022/05/24	09:21:13	59.9
163	2022/05/24	09:21:16	60.2
164	2022/05/24	09:21:19	59.3
165	2022/05/24	09:21:22	59.7
166	2022/05/24	09:21:25	59.9
167	2022/05/24	09:21:28	60.8
168	2022/05/24	09:21:31	59.5
169	2022/05/24	09:21:34	60.0
170	2022/05/24	09:21:37	59.4
171	2022/05/24	09:21:40	58.8
172	2022/05/24	09:21:43	59.3
173	2022/05/24	09:21:46	58.7
174	2022/05/24	09:21:49	59.6
175	2022/05/24	09:21:52	60.4
176	2022/05/24	09:21:55	60.1
177	2022/05/24	09:21:58	60.2
178	2022/05/24	09:22:01	59.7
179	2022/05/24	09:22:04	60.2
180	2022/05/24	09:22:07	60.4
181	2022/05/24	09:22:10	62.8
182	2022/05/24	09:22:13	61.9

183	2022/05/24	09:22:16	59.1
184	2022/05/24	09:22:19	58.8
185	2022/05/24	09:22:22	59.2
186	2022/05/24	09:22:25	59.3
187	2022/05/24	09:22:28	60.0
188	2022/05/24	09:22:31	61.4
189	2022/05/24	09:22:34	60.7
190	2022/05/24	09:22:37	61.4
191	2022/05/24	09:22:40	61.1
192	2022/05/24	09:22:43	60.8
193	2022/05/24	09:22:46	60.5
194	2022/05/24	09:22:49	62.4
195	2022/05/24	09:22:52	65.9
196	2022/05/24	09:22:55	67.1
197	2022/05/24	09:22:58	69.7
198	2022/05/24	09:23:01	68.5
199	2022/05/24	09:23:04	65.2
200	2022/05/24	09:23:07	63.2
201	2022/05/24	09:23:10	61.5
202	2022/05/24	09:23:13	60.6
203	2022/05/24	09:23:16	61.1
204	2022/05/24	09:23:19	59.9
205	2022/05/24	09:23:22	59.8
206	2022/05/24	09:23:25	60.4
207	2022/05/24	09:23:28	60.1
208	2022/05/24	09:23:31	60.5
209	2022/05/24	09:23:34	60.5
210	2022/05/24	09:23:37	60.1
211	2022/05/24	09:23:40	59.6
212	2022/05/24	09:23:43	60.1
213	2022/05/24	09:23:46	60.1
214	2022/05/24	09:23:49	60.1
215	2022/05/24	09:23:52	59.6
216	2022/05/24	09:23:55	59.2
217	2022/05/24	09:23:58	60.4
218	2022/05/24	09:24:01	58.8
219	2022/05/24	09:24:04	59.4
220	2022/05/24	09:24:07	58.7
221	2022/05/24	09:24:10	59.4
222	2022/05/24	09:24:13	58.8
223	2022/05/24	09:24:16	59.7
224	2022/05/24	09:24:19	59.4
225	2022/05/24	09:24:22	59.8
226	2022/05/24	09:24:25	59.8
227	2022/05/24	09:24:28	60.0
228	2022/05/24	09:24:31	60.7
229	2022/05/24	09:24:34	62.6
230	2022/05/24	09:24:37	61.9
231	2022/05/24	09:24:40	60.7
232	2022/05/24	09:24:43	61.1
233	2022/05/24	09:24:46	60.8
234	2022/05/24	09:24:49	60.8
235	2022/05/24	09:24:52	61.2
236	2022/05/24	09:24:55	62.6
237	2022/05/24	09:24:58	61.4
238	2022/05/24	09:25:01	60.9
239	2022/05/24	09:25:04	60.4
240	2022/05/24	09:25:07	61.3
241	2022/05/24	09:25:10	60.0
242	2022/05/24	09:25:13	59.7
243	2022/05/24	09:25:16	59.3
244	2022/05/24	09:25:19	59.4
245	2022/05/24	09:25:22	63.9
246	2022/05/24	09:25:25	60.0
247	2022/05/24	09:25:28	59.4
248	2022/05/24	09:25:31	59.6
249	2022/05/24	09:25:34	59.1
250	2022/05/24	09:25:37	59.8
251	2022/05/24	09:25:40	59.7
252	2022/05/24	09:25:43	60.8
253	2022/05/24	09:25:46	61.0
254	2022/05/24	09:25:49	61.0
255	2022/05/24	09:25:52	62.9
256	2022/05/24	09:25:55	61.9
257	2022/05/24	09:25:58	62.8
258	2022/05/24	09:26:01	67.2
259	2022/05/24	09:26:04	69.5
260	2022/05/24	09:26:07	70.4
261	2022/05/24	09:26:10	70.3
262	2022/05/24	09:26:13	66.5
263	2022/05/24	09:26:16	65.0
264	2022/05/24	09:26:19	64.3
265	2022/05/24	09:26:22	62.4
266	2022/05/24	09:26:25	62.7
267	2022/05/24	09:26:28	60.0
268	2022/05/24	09:26:31	61.1
269	2022/05/24	09:26:34	59.8
270	2022/05/24	09:26:37	59.8
271	2022/05/24	09:26:40	59.6
272	2022/05/24	09:26:43	59.7
273	2022/05/24	09:26:46	60.8
274	2022/05/24	09:26:49	60.0
275	2022/05/24	09:26:52	60.8
276	2022/05/24	09:26:55	60.4
277	2022/05/24	09:26:58	60.4
278	2022/05/24	09:27:01	59.4
279	2022/05/24	09:27:04	59.6
280	2022/05/24	09:27:07	59.7

281	2022/05/24	09:27:10	59.1
282	2022/05/24	09:27:13	59.8
283	2022/05/24	09:27:16	61.6
284	2022/05/24	09:27:19	60.7
285	2022/05/24	09:27:22	59.6
286	2022/05/24	09:27:25	59.1
287	2022/05/24	09:27:28	60.2
288	2022/05/24	09:27:31	59.6
289	2022/05/24	09:27:34	59.9
290	2022/05/24	09:27:37	60.0
291	2022/05/24	09:27:40	60.6
292	2022/05/24	09:27:43	60.2
293	2022/05/24	09:27:46	60.1
294	2022/05/24	09:27:49	61.3
295	2022/05/24	09:27:52	61.1
296	2022/05/24	09:27:55	61.0
297	2022/05/24	09:27:58	60.8
298	2022/05/24	09:28:01	61.5
299	2022/05/24	09:28:04	62.3
300	2022/05/24	09:28:07	60.1

Roadway Construction Noise Model (RCNM),Version 1.1

Report date: 01/19/2023
Case Description: Building/Paving/Arch Coating

**** Receptor #1 ****

Description	Land Use	Baselines (dBA) Daytime	Evening	Night
Community Building/BOA I	Residential	65.0	65.0	65.0

Equipment Description	Impact Device	Usage (%)	Spec Lmax (dBA)	Actual Lmax (dBA)	Receptor Distance (feet)	Estimated Shielding (dBA)
Crane	No	16		80.6	150.0	0.0
All Other Equipment > 5 HP	No	50	85.0		150.0	0.0
Generator	No	50		80.6	150.0	0.0
Tractor	No	40	84.0		150.0	0.0
Welder / Torch	No	40		74.0	150.0	0.0
Welder / Torch	No	40		74.0	150.0	0.0
Welder / Torch	No	40		74.0	150.0	0.0
Concrete Mixer Truck	No	40		78.8	150.0	0.0
Paver	No	50		77.2	150.0	0.0
Pavement Scarafier	No	20		89.5	150.0	0.0
Roller	No	20		80.0	150.0	0.0
Backhoe	No	40		77.6	150.0	0.0
Compressor (air)	No	40		77.7	150.0	0.0

Results

Noise Limits (dBA)

Noise Limit Exceedance (dBA)

Calculated (dBA)				Day		Evening		Night			
Equipment	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq
Crane	71.0	63.0	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
All Other Equipment > 5 HP	75.5	72.4	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Generator	71.1	68.1	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Tractor	74.5	70.5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Welder / Torch	64.5	60.5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Welder / Torch	64.5	60.5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Welder / Torch	64.5	60.5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Concrete Mixer Truck	69.3	65.3	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Paver	67.7	64.7	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Pavement Scarafier	80.0	73.0	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Roller	70.5	63.5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Backhoe	68.0	64.0	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Compressor (air)	68.1	64.1	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Total	80.0	78.7	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

**** Receptor #2 ****

		Baselines (dBA)		
Description	Land Use	Daytime	Evening	Night
Bay E in Building 1	Residential	65.0	65.0	65.0

Equipment

Description	Impact Device	Usage (%)	Spec Lmax (dBA)	Actual Lmax (dBA)	Receptor Distance (feet)	Estimated Shielding (dBA)
Crane	No	16		80.6	215.0	0.0
All Other Equipment > 5 HP	No	50	85.0		215.0	0.0
Generator	No	50		80.6	215.0	0.0
Tractor	No	40	84.0		215.0	0.0
Welder / Torch	No	40		74.0	215.0	0.0
Welder / Torch	No	40		74.0	215.0	0.0
Welder / Torch	No	40		74.0	215.0	0.0
Concrete Mixer Truck	No	40		78.8	215.0	0.0
Paver	No	50		77.2	215.0	0.0
Pavement Scarafier	No	20		89.5	215.0	0.0
Roller	No	20		80.0	215.0	0.0
Backhoe	No	40		77.6	215.0	0.0
Compressor (air)	No	40		77.7	215.0	0.0

Results

Noise Limits (dBA)

Noise Limit Exceedance (dBA)

Equipment	Calculated (dBA) Day Lmax	Day Leq	Evening Lmax	Evening Leq	Night Lmax	Night Leq	Day Lmax	Day Leq	Evening Lmax	Evening Leq	Night Lmax	Night Leq

Crane				67.9	59.9		N/A	N/A	N/A	N/A	N/A	N/A	N/A
All Other Equipment > 5 HP				72.3	69.3		N/A	N/A	N/A	N/A	N/A	N/A	N/A
Generator				68.0	65.0		N/A	N/A	N/A	N/A	N/A	N/A	N/A
Tractor				71.3	67.4		N/A	N/A	N/A	N/A	N/A	N/A	N/A
Welder / Torch				61.3	57.4		N/A	N/A	N/A	N/A	N/A	N/A	N/A
Welder / Torch				61.3	57.4		N/A	N/A	N/A	N/A	N/A	N/A	N/A
Welder / Torch				61.3	57.4		N/A	N/A	N/A	N/A	N/A	N/A	N/A
Concrete Mixer Truck				66.1	62.2		N/A	N/A	N/A	N/A	N/A	N/A	N/A
Paver				64.6	61.5		N/A	N/A	N/A	N/A	N/A	N/A	N/A
Pavement Scarafier				76.8	69.8		N/A	N/A	N/A	N/A	N/A	N/A	N/A
Roller				67.3	60.3		N/A	N/A	N/A	N/A	N/A	N/A	N/A
Backhoe				64.9	60.9		N/A	N/A	N/A	N/A	N/A	N/A	N/A
Compressor (air)				65.0	61.0		N/A	N/A	N/A	N/A	N/A	N/A	N/A
			Total	76.8	75.6		N/A	N/A	N/A	N/A	N/A	N/A	N/A

ELECTRICAL DATA

38HDR UNIT SIZE	V–PH–Hz	VOLTAGE RANGE*		COMPRESSOR		OUTDOOR FAN MOTOR			MIN CKT AMPS	FUSE/ HACR BKR AMPS
		Min	Max	RLA	LRA	FLA	NEC Hp	kW Out		
018	208/230–1–60	187	253	9.0	48.0	0.80	0.125	0.09	12.1	20
024	208/230–1–60	187	253	12.8	58.3	0.80	0.125	0.09	16.8	25
030	208/230–1–60	187	253	14.1	73.0	1.45	0.25	0.19	19.1	30
036	208/230–1–60	187	253	14.1	77.0	1.45	0.25	0.19	19.1	30
	208/230–3–60	187	253	9.0	71.0	1.45	0.25	0.19	12.7	20
	460–3–60	414	506	5.6	38.0	0.80	0.25	0.19	7.8	15
048	208/230–1–60	187	253	21.8	117.0	1.45	0.25	0.19	28.7	50
	208/230–3–60	187	253	13.7	83.1	1.45	0.25	0.19	18.6	30
	460–3–60	414	506	6.2	41.0	0.80	0.25	0.19	8.6	15
060	208/230–1–60	187	253	26.4	134.0	1.45	0.25	0.19	34.5	60
	208/230–3–60	187	253	16.0	110.0	1.45	0.25	0.19	21.5	35
	460–3–60	414	506	7.8	52.0	0.80	0.25	0.19	10.6	15

* Permissible limits of the voltage range at which the unit will operate satisfactorily

FLA – Full Load Amps

HACR – Heating, Air Conditininng, Refrigeration

LRA – Locked Rotor Amps

NEC – National Electrical Code

RLA – Rated Load Amps (compressor)

NOTE: Control circuit is 24–V on all units and requires external power source. Copper wire must be used from service disconnect to unit. All motors/compressors contain internal overload protection.

SOUND LEVEL

Unit Size	Standard Rating (dB)	Typical Octave Band Spectrum (dBA) (without tone adjustment)						
		125	250	500	1000	2000	4000	8000
018	68	52.0	57.5	60.5	63.5	60.5	57.5	46.5
024	69	57.5	61.5	63.0	61.0	60.0	56.0	45.0
030	72	56.5	63.0	65.0	66.0	64.0	62.5	57.0
036	72	65.0	61.5	63.5	65.0	64.5	61.0	54.5
048	72	58.5	61.0	64.0	67.5	66.0	64.0	57.0
060	72	63.0	61.5	64.0	66.5	66.0	64.5	55.5

CHARGING SUBCOOLING (TXV-TYPE EXPANSION DEVICE)

UNIT SIZE–VOLTAGE, SERIES	REQUIRED SUBCOOLING °F (°C)
018	12 (6.7)
024	12 (6.7)
030	12 (6.7)
036	12 (6.7)
048	12 (6.7)
060	12 (6.7)

Groundborne Noise and Vibration Modeling

Notes
The reference distance is measured from the nearest anticipated point of construction equipment to the nearest structure.

	Reference Level Inputs			
Equipment	**PPV_{ref} (in/sec)**	**Lv_{ref} (VdB)**	**RMS_{ref} (in/sec)**	**Reference Distance**
Large bulldozer	0.089	87	0.022	25
Loaded trucks	0.076	83	0.014	25
Jack hammer	0.035	79	0.009	25
Small bulldozer	0.003	58	0.001	25

	Vibration Level at Receiver			
Equipment	**Distance (feet)**	**PPV_x (in/sec)**	**Lv_x (VdB)**	**RMS_x (in/sec)**
Large bulldozer	30	0.0728	85	0.018
Loaded trucks	30	0.0622	81	0.012
Jack hammer	30	0.0286	77	0.007
Small bulldozer	30	0.0025	56	0.001

Source
California Department of Transportation (Caltrans). 2020. Transportation and Construction Vibration Guidance Manual. April 2020. Available at: https://dot.ca.gov/-/media/dot-media/programs/environmental-analysis/documents/env/tcvgm-apr2020-a11y.pdf Last Updated: 4/24/2020

Groundborne Noise and Vibration Modeling

Notes
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Large bulldozer	0.089	87	0.022	25
Loaded trucks	0.076	83	0.014	25
Jack hammer	0.035	79	0.009	25
Small bulldozer	0.003	58	0.001	25

	Vibration Level at Receiver			
Equipment	**Distance (feet)**	**PPV_x (in/sec)**	**Lv_x (VdB)**	**RMS_x (in/sec)**
Large bulldozer	65	0.0311	78	0.008
Loaded trucks	65	0.0266	74	0.005
Jack hammer	65	0.0122	70	0.003
Small bulldozer	65	0.0010	49	0.000

Source
California Department of Transportation (Caltrans). 2020. Transportation and Construction Vibration Guidance Manual. April 2020. Available at: https://dot.ca.gov/-/media/dot-media/programs/environmental-analysis/documents/env/tcvgm-apr2020-a11y.pdf Last Updated: 4/24/2020

Groundborne Noise and Vibration Modeling

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Large bulldozer	0.089	87	0.022	25
Loaded trucks	0.076	83	0.014	25
Jack hammer	0.035	79	0.009	25
Small bulldozer	0.003	58	0.001	25

	Vibration Level at Receiver			
Equipment	**Distance (feet)**	**PPV_x (in/sec)**	**Lv_x (VdB)**	**RMS_x (in/sec)**
Large bulldozer	75	0.0266	77	0.007
Loaded trucks	75	0.0227	73	0.004
Jack hammer	75	0.0105	69	0.003
Small bulldozer	75	0.0009	48	0.000

Source
California Department of Transportation (Caltrans). 2020. Transportation and Construction Vibration Guidance Manual. April 2020. Available at: https://dot.ca.gov/-/media/dot-media/programs/environmental-analysis/documents/env/tcvgm-apr2020-a11y.pdf Last Updated: 4/24/2020