

# **Willow Distribution Station Upgrades Project Initial Study/Mitigated Negative Declaration**

**Prepared for:**

City of Burbank  
Water and Power  
164 W. Magnolia Boulevard  
Burbank, CA 91502

**Prepared by:**

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**February 2022**

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## CONTENTS

Section		Page
1.0	INTRODUCTION .....	1-1
2.0	ENVIRONMENTAL SETTING .....	2-3
3.0	PROJECT DESCRIPTION .....	3-1
4.0	ENVIRONMENTAL ANALYSIS .....	4-1
4.1	AESTHETICS.....	4-4
4.2	AGRICULTURE AND FORESTRY RESOURCES.....	4-7
4.3	AIR QUALITY.....	4-10
4.4	BIOLOGICAL RESOURCES.....	4-16
4.5	CULTURAL RESOURCES .....	4-20
4.6	ENERGY.....	4-22
4.7	GEOLOGY AND SOILS.....	4-1
4.8	GREENHOUSE GAS EMISSIONS .....	4-6
4.9	HAZARDS AND HAZARDOUS MATERIALS.....	4-9
4.10	HYDROLOGY AND WATER QUALITY.....	4-18
4.11	LAND USE AND PLANNING.....	4-23
4.12	MINERAL RESOURCES.....	4-25
4.13	NOISE .....	4-26
4.14	POPULATION AND HOUSING.....	4-29
4.15	PUBLIC SERVICES .....	4-30
4.16	RECREATION.....	4-32
4.17	TRANSPORTATION .....	4-33
4.18	TRIBAL CULTURAL RESOURCES.....	4-36
4.19	UTILITIES AND SERVICE SYSTEMS .....	4-39
4.20	WILDFIRE.....	4-42
4.21	MANDATORY FINDINGS OF SIGNIFICANCE.....	4-44
5.0	REFERENCES .....	5-47
6.0	LIST OF PREPARERS .....	6-1

### Appendices

- A CalEEMod Air Quality Emissions Worksheet
- B Phase I Environmental Site Assessment
- C Phase II Technical Memorandum

## FIGURES

<u>Figure</u>	<u>Page</u>
Figure 1. Regional Location.....	2-4
Figure 2. Aerial View of Substation Site.....	2-5
Figure 3. Proposed Underground 69kV Transmission Cables.....	2-6
Figure 4. Proposed Underground 12kV Transmission Cables.....	2-7
Figure 5. Substation Site Plan.....	3-4

## TABLES

<u>Table</u>	<u>Page</u>
Table 1. Project Construction Criteria Pollutant Emissions (pounds per day).....	4-12
Table 2. Summary of On-Site Construction Emissions, Localized Significance by Task.....	4-13
Table 3. Project Construction GHG Emissions (Metric Tons CO <sub>2</sub> e).....	4-7

# 1.0 INTRODUCTION

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<b>Project Title:</b>	Willow Distribution Station Upgrades Project
<b>Project Location:</b>	228 South Naomi Street, City of Burbank
<b>Project Applicant:</b>	City of Burbank Water and Power 164 W. Magnolia Boulevard Burbank, California 91502
<b>Lead Agency:</b>	City of Burbank Water and Power 164 W. Magnolia Boulevard Burbank, California 91502
<b>Contact Person:</b>	Michael Wang, P.E., PMP, Senior Electrical Engineer (818) 238-3578 MWang@burbankca.gov
<b>General Plan Designation(s):</b>	Media District Commercial
<b>Zoning Designation(s):</b>	Media District General Business (MDC-3)

## PROJECT SUMMARY

The subject of this Initial Study is the Willow Distribution Station Upgrades Project. Burbank Water and Power (BWP) is proposing demolition of the existing facility which is currently owned and operated by BWP as a 34.5/4.3 kilovolt (kV) distribution station and will be re-constructed as a new 69/12.47kV station. New underground 69kV and 12.47kV conduits and duct banks (proposed and future) carrying new high voltage power cables and fiber optic cables would be installed from inside the substation to go across both South Naomi Street and West Willow Street in the public right-of-way past the property line. Construction activities are anticipated to take up to 24 months. Construction of the proposed project includes demolition, trenching, grading and installation of electric utility infrastructure, landscape improvements, and paving.

## PURPOSE OF THIS INITIAL STUDY

The California Environmental Quality Act (CEQA) requires state and local agencies to identify potential significant impacts of their actions and where possible avoid or mitigate those impacts. The City of Burbank is the Lead Agency for the proposed project. This Initial Study is a preliminary analysis prepared in accordance with CEQA by the City as Lead Agency to determine whether an Environmental Impact Report (EIR), Negative Declaration (ND), or Mitigated Negative Declaration (MND) must be prepared to evaluate the potential impacts of the project.

This Initial Study is an informational document and its preparation and distribution by the City neither presupposes nor mandates any action on the part of the City, or other agencies from whom permits and other discretionary approvals would be sought, with respect to the project. If, through an Initial Study, the City concludes that there is evidence that a project may cause a significant environmental effect, the City shall find that an EIR shall be prepared to analyze potential environmental impacts. The analysis contained in this Initial Study indicated that a MND is sufficient to evaluate the proposed project.

## **ORGANIZATION OF INITIAL STUDY**

This Initial Study is organized into six sections as follows:

**Section 1.0, Introduction**, identifies the project and provides a brief summary of the project components. The Introduction also summarizes the purpose and structure of this Initial Study.

**Section 2.0, Environmental Setting**, describes the existing conditions, surrounding land use, general plan, and existing zoning of the project site.

**Section 3.0, Project Description**, provides a detailed description of the project.

**Section 4.0, Environmental Analysis**, includes an analysis for each resource topic and identifies the potential impacts of implementing the project.

**Section 5.0, References**, identifies printed references and individuals cited in this Initial Study.

**Section 6.0, List of Preparers**, identifies the individuals who prepared this Initial Study.

## 2.0 ENVIRONMENTAL SETTING

### PROJECT LOCATION

The proposed project consists of two primary components: 1) distribution station (herein referred to as “substation”) and 2) new underground 69kV and 12.47kV conduits and duct banks carrying new high voltage power cables and fiber optic cables (herein referred to as “underground transmission cables”). The substation and underground cables are collectively referred to as the “proposed project” or “project.”

The project site is located in the southwest portion of the City of Burbank. The regional location of the project site is shown on Figure 1. The current address for the proposed substation is 228 South Naomi Street. As shown on Figure 2, the proposed substation would be located on Assessor Parcel Number (APN) 2484-021-900. The substation site is bordered by West Willow Street to the north, South Naomi Street to the west, and a surface parking lot and multi-story parking garage to the east and south. As shown on Figure 3 and Figure 4, the underground transmission cables would be installed in public right-of-way in the following roadways: South Naomi Street, West Willow Street, North Frederic Street, West Verdugo Avenue, North California Street, and West Alameda Avenue.

### EXISTING CONDITIONS

The substation site includes approximately 16,948 square feet of lot area (0.39 acre), which is flat in topography. As shown on Figure 2, the substation site is developed and contains the existing Naomi Distribution Station and a one-story control building including a control room, switchgear, small bathroom, and battery room. The entire substation site is covered by impervious surfaces (i.e., asphalt paving or structures) and enclosed with a 10-foot-tall concrete masonry wall.

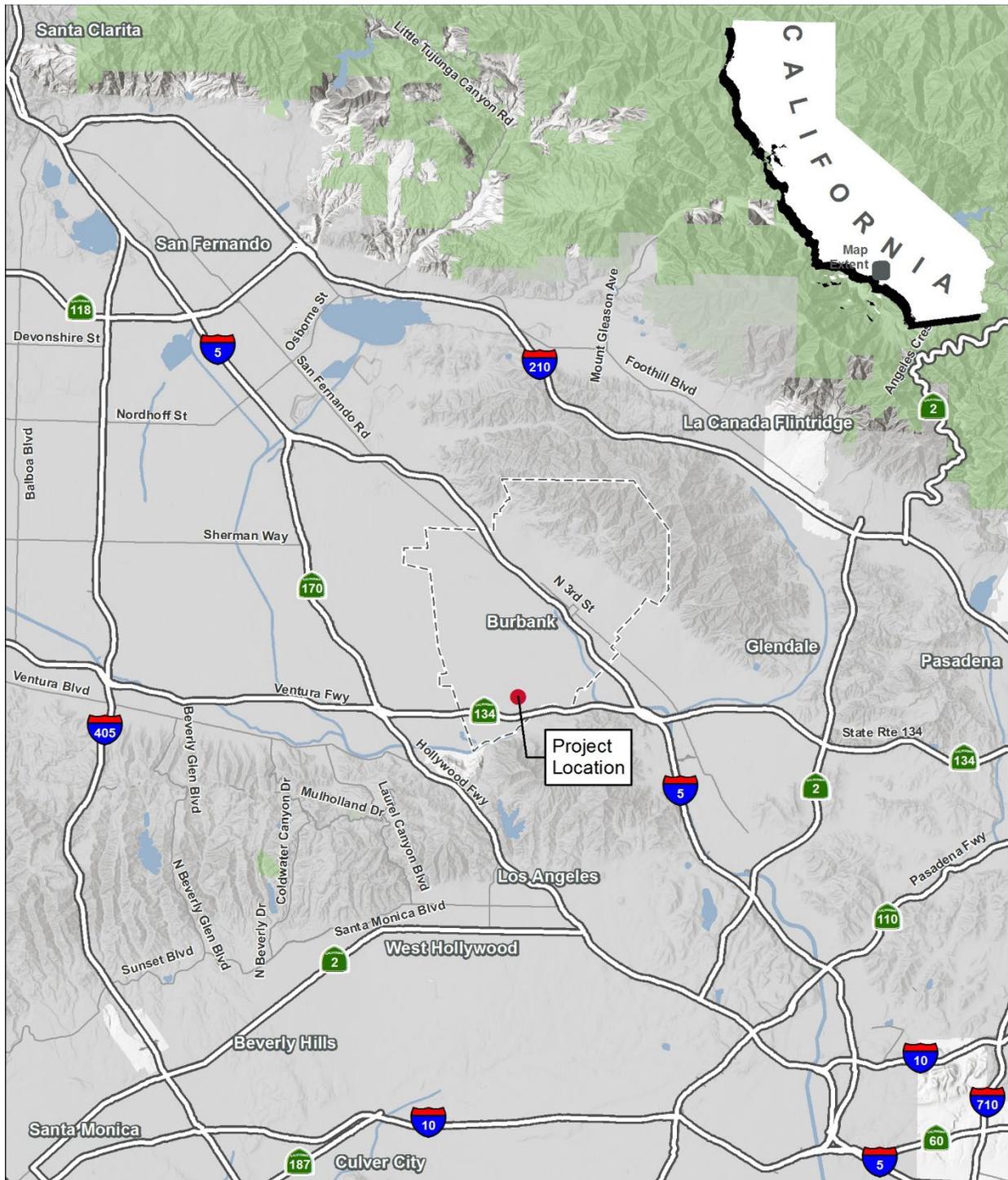
### SURROUNDING LAND USES

The Burbank 2035 General Plan land use designation for the substation site and surrounding area is Media District Commercial. The Media District Commercial area is a regional employment center comprised of a variety of media-oriented and commercial uses (City of Burbank 2013a). The substation site is in an area that is developed primarily with commercial and medical uses. Surrounding land uses include commercial buildings to the north, medical buildings to the east and south, and medical and commercial buildings and an assisted living facility to the west. Residential uses are located east of South Buena Vista Street and north of West Olive Avenue.

**General Plan Designation(s):** Media District Commercial

**Zoning Designation(s):** Media District General Business (MDC-3)

Figure 1. Regional Location



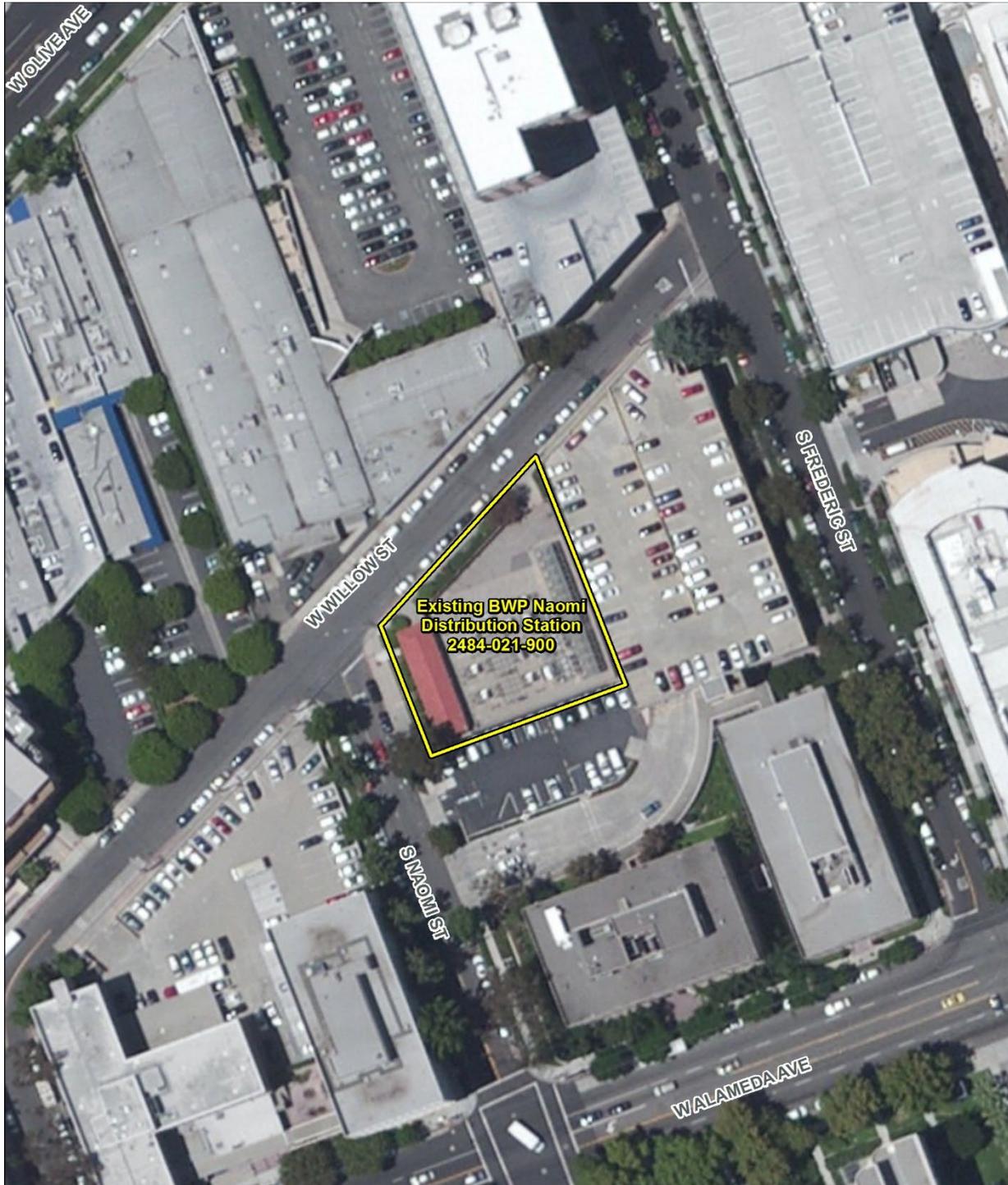
LEGEND

- Project Location
- City of Burbank



0 Miles 3

Figure 2. Aerial View of Substation Site



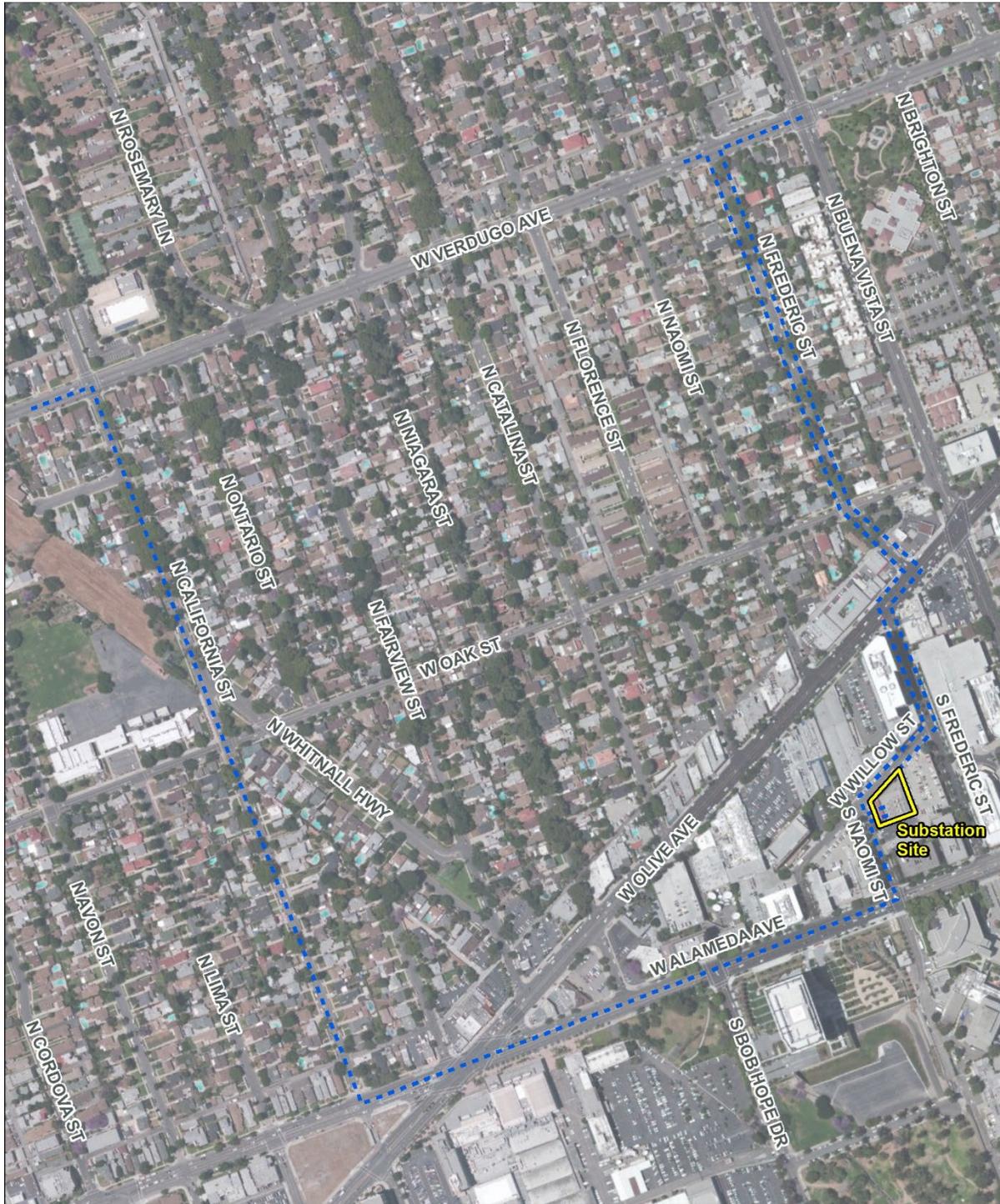
LEGEND

 Project Limits



0 Feet 100

Figure 3. Proposed Underground 69kV Transmission Cables



LEGEND

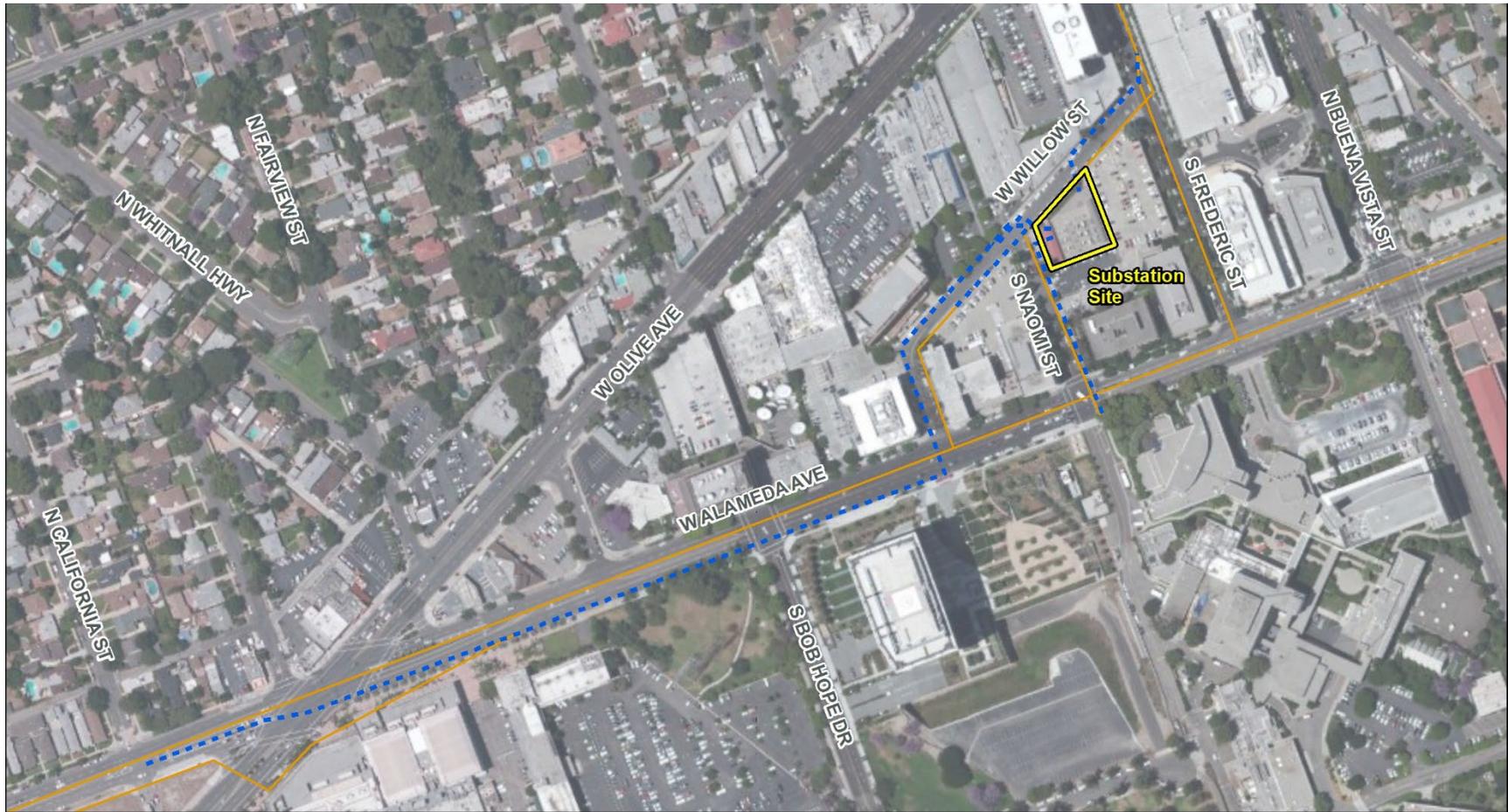
 Substation Site

 Proposed Underground 69kV



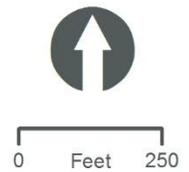
0 Feet 500

Figure 4. Proposed Underground 12kV Transmission Cables



**LEGEND**

-  Substation Site
-  Proposed Underground 12kV
-  Existing 12kV



## 3.0 PROJECT DESCRIPTION

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### BACKGROUND

Burbank Water and Power (BWP) provides electrical service within the City of Burbank. Electrical service is provided through a distribution network, which includes electric stations, transmission lines, distribution lines, and transformers. BWP's current distribution system includes 13 distribution substations, two customer substations, and four switching stations. A large portion of Burbank's electric infrastructure was constructed from the 1940s through the 1960s to serve the typical loads of that era, with 4 kilovolt (kV) service. The infrastructure has since been expanded and updated over the years. Commercial developers supported and assisted in funding the expansion of the BWP system, beginning the transition from a 4 kV system to the more reliable 12 kV service and from large air-insulated electric substations to smaller, more modern, gas-insulated substations (City of Burbank 2018).

BWP strives to operate and maintain equipment such that it will provide value as long as possible with the goal of aging equipment assets gracefully. Due to consistent maintenance, repairs, and conservative loading practices, these substations have been meeting this goal. Many of the older substations have major equipment that has exceeded expected lifetimes. Continued operation of the oldest substations means increased maintenance costs and difficulty in finding parts for older, obsolete equipment, and increases BWP's risk of prolonged outages due to failed equipment.

### PROPOSED DEVELOPMENT

#### Substation

As shown on Figure 5, BWP proposes to demolish the existing Naomi Distribution Station, including the existing control building, which is currently owned and operated by BWP as a 34.5/4.3 kilovolt (kV) distribution station and re-construct it as a new 69/12.47kV station. The new substation would include installation of incoming underground conduits from outside the station that will contain two new incoming underground 69kV transmission lines (in the form of cables), and a future third line that will transition underground into a high voltage 69kV indoor Gas Insulated Switchgear (GIS) inside the station. The 69kV GIS equipment will be configured as a 6-breaker ring bus and would be housed inside a Concrete Masonry Unit (CMU) building. Other components inside the station will consist of a 69kV relay room and underground 69kV cables to connect the GIS equipment to three 33 MVA, 69/12.47kV transformers (2 transformers installed as part of this project, 1 transformer will be installed in the future). The transformers would connect via underground cables to a 15kV arc-resistant medium voltage metal clad switchgear (MVSG) located inside CMU buildings in the station. The MVSG will connect to capacitor bank units located inside CMU buildings in the station. The station will additionally house outdoor pad mount station service equipment and have provisions for expansion of the 15kV gear in the future, to accommodate a future transformer, capacitor bank, and underground feeders.

### *Setbacks*

As shown on Figure 5, the proposed project would include a 5-foot setback along Naomi Street and West Willow Street for landscaping. There would be no setback on the southern and eastern property line.

### *Access/Transportation*

Vehicular access to the substation site is readily available from South Naomi Street and West Willow Street. A 20-foot-wide driveway is proposed along South Naomi Street and another 20-foot-wide driveway is proposed along West Willow Street in order to accommodate vehicular access to the substation.

### *Site Security*

The existing block wall along the perimeter of the substation site would be removed and replaced with a new concrete block wall. A concrete block wall would be installed along the perimeter of the substation site. The height of the perimeter wall would vary from 12 feet to 23 feet 4 inches depending on the location and equipment needed to be enclosed.

### **Underground Transmission Cables**

New underground 69kV and 12.47kV conduits and duct banks (proposed and future) carrying new high voltage power cables and fiber optic cables would be installed from inside the substation to go across both South Naomi Street and West Willow Street in the public right-of-way past the property line. The underground transmission cables would also be installed in public right-of-way in the following roadways:

- North and South Frederic Street
- West Olive Avenue
- West Verdugo Avenue,
- North California Street, and
- West Alameda Avenue.

### **Construction**

Construction activities are anticipated to take up to 24 months. Construction of the proposed project includes demolition of the existing substation including the existing control building, trenching, grading and installation of electric utility infrastructure, landscape improvements, and paving. Construction equipment is anticipated to include graders, cranes, trucks, and various handheld equipment. Construction staging for the proposed substation would be on-site and a portion of the parking lane on South Naomi Street and/or West Willow Street may be utilized for the duration of construction. Construction staging for the proposed underground transmission cables may occur along existing roadways and nearby available parking lot space. Construction

of the proposed project would not require more than 15 on-site workers on any given day during the construction period.

Construction of the proposed project will occur between the hours of 7 a.m. to 7 p.m. on the weekdays, and 8 a.m. to 5 p.m. on weekends, in accordance with Burbank Municipal Code (BMC) Section 9-1-1-105.8.

#### **CITY OF BURBANK APPROVAL ACTIONS**

Actions and approvals required from the City in association with the proposed project include:

- Demolition Permit
- Grading Permit
- Engineering and Building Permits
- Encroachment Permit

#### **RELATED TECHNICAL REPORTS**

The following technical reports and studies were utilized in the preparation of this Initial Study, and are hereby incorporated by reference:

- Phase I Environmental Site Assessment, prepared by HDR, April 12, 2021
- Phase II Technical Memorandum, prepared by HDR, July 2, 2021



## 4.0 ENVIRONMENTAL ANALYSIS

This section of the Initial Study contains an assessment and discussion of impacts associated with the environmental issues and subject areas identified in the Initial Study Checklist (Appendix G to the State CEQA Guidelines, California Code of Regulations, Title 14, Chapter 3, Sections 15000-15387).

### **ENVIRONMENTAL FACTORS POTENTIALLY AFFECTED:**

The environmental factors checked below would involve at least one impact that is a "Potentially Significant Impact" as indicated by the checklist on the following pages.

- |   |  |   |
|---|--|---|
| <input type="checkbox"/> Aesthetics               | <input type="checkbox"/> Agriculture and Forestry      | <input type="checkbox"/> Air Quality                        |
| <input type="checkbox"/> Biological Resources     | <input type="checkbox"/> Cultural Resources            | <input type="checkbox"/> Geology/Soils                      |
| <input type="checkbox"/> Greenhouse Gas Emissions | <input type="checkbox"/> Hazards & Hazardous Materials | <input type="checkbox"/> Hydrology/Water Quality            |
| <input type="checkbox"/> Land Use/Planning        | <input type="checkbox"/> Mineral Resources             | <input type="checkbox"/> Noise                              |
| <input type="checkbox"/> Population/Housing       | <input type="checkbox"/> Public Services               | <input type="checkbox"/> Recreation                         |
| <input type="checkbox"/> Transportation/Traffic   | <input type="checkbox"/> Utilities/Service Systems     | <input type="checkbox"/> Mandatory Findings of Significance |

### **DETERMINATION:**

On the basis of this initial evaluation:

- I find that the project COULD NOT have a significant effect on the environment, and a NEGATIVE DECLARATION will be prepared.
- I find that although the proposed project could have a significant effect on the environment, there will not be a significant effect in this case because revisions in the project have been made by or agreed to by the project proponent. A MITIGATED NEGATIVE DECLARATION will be prepared.
- I find that proposed project MAY have a significant effect on the environment, and an ENVIRONMENTAL IMPACT REPORT is required.
- I find that the proposed project MAY have a "potentially significant impact" or "potentially significant unless mitigated impact" on the environment, but at least one effect 1) has been adequately analyzed in an earlier document pursuant to applicable legal standards, and 2) has been addressed by mitigation measures based on the earlier analysis as described on attached sheets. An ENVIRONMENTAL IMPACT REPORT is required, but it must analyze only the effects that remain to be addressed.
- I find that although the proposed project could have a significant effect on the environment, because all potentially significant effects (a) have been analyzed adequately in an earlier EIR or NEGATIVE DECLARATION pursuant to applicable standards, and (b) have been avoided or mitigated pursuant to an earlier EIR or NEGATIVE DECLARATION, including revisions or mitigation measures that are imposed upon the proposed project, nothing further is required.



Signature

2/22/2022

Date

**EVALUATION OF ENVIRONMENTAL IMPACTS:**

- 1) A brief explanation is required for all answers except "No Impact" answers that are adequately supported by the information sources a lead agency cites in the parentheses following each question. A "No Impact" answer is adequately supported if the referenced information sources show that the impact simply does not apply to projects like the one involved (e.g., the project falls outside a fault rupture zone). A "No Impact" answer should be explained where it is based on project-specific factors as well as general standards (e.g., the project will not expose sensitive receptors to pollutants, based on a project-specific screening analysis).
- 2) All answers must take account of the whole action involved, including off-site as well as on-site, cumulative as well as project-level, indirect as well as direct, and construction as well as operational impacts.
- 3) Once the lead agency has determined that a particular physical impact may occur, the checklist answers must indicate whether the impact is potentially significant, less than significant with mitigation, or less than significant. "Potentially Significant Impact" is appropriate if there is substantial evidence that an effect may be significant. If there are one or more "Potentially Significant Impact" entries when the determination is made, an EIR is required.
- 4) "Negative Declaration: Less Than Significant With Mitigation Incorporated" applies where the incorporation of mitigation measures has reduced an effect from "Potentially Significant Impact" to a "Less Than Significant Impact." The lead agency must describe the mitigation measures, and briefly explain how they reduce the effect to a less than significant level (mitigation measures from "Earlier Analyses," as described in (5) below, may be cross-referenced).
- 5) Earlier analyses may be used where, pursuant to the tiering, program EIR, or other CEQA process, an effect has been adequately analyzed in an earlier EIR or negative declaration. Section 15063(c)(3)(D). In this case, a brief discussion should identify the following:
  - a) Earlier Analysis Used. Identify and state where they are available for review.
  - b) Impacts Adequately Addressed. Identify which effects from the above checklist were within the scope of and adequately analyzed in an earlier document pursuant to applicable legal standards, and state whether such effects were addressed by mitigation measures based on the earlier analysis.
  - c) Mitigation Measures. For effects that are "Less than Significant with Mitigation Measures Incorporated," describe the mitigation measures, which were incorporated or refined from the earlier document and the extent to which they address site-specific conditions for the project.
6. Lead agencies are encouraged to incorporate into the checklist references to information sources for potential impacts (e.g., general plans, zoning ordinances). Reference to a previously prepared or outside document should, where appropriate, include a reference to the page or pages where the statement is substantiated.
7. Supporting Information Sources: A source list should be attached, and other sources used or individuals contacted should be cited in the discussion.

8. This is only a suggested form, and lead agencies are free to use different formats; however, lead agencies should normally address the questions from this checklist that are relevant to a project's environmental effects in whatever format is selected.
9. The explanation of each issue should identify:
  - a) the significance criteria or threshold, if any, used to evaluate each question; and
  - b) the mitigation measure identified, if any, to reduce the impact to less than significant.

### 4.1 AESTHETICS

	Potentially Significant Impact	Less than Significant w/ Mitigation Incorporated	Less than Significant Impact	No Impact
<b>AESTHETICS – Would the project:</b>				
a) Have a substantial adverse effect on a scenic vista?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b) Substantially damage scenic resources, including, but not limited to, trees, rock outcroppings, and historic buildings within a State scenic highway?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
c) In non-urbanized areas, substantially degrade the existing visual character or quality of public views of the site and its surroundings? (Public views are those that are experienced from publicly accessible vantage points). If the project is in an urbanized area, would the project conflict with applicable zoning and other regulations governing scenic quality?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
d) Create a new source of substantial light or glare that would adversely affect daytime or nighttime views in the area?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

**Discussion**

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

**Less than Significant Impact:** The proposed project is located in an area that is developed primarily with commercial and medical uses. According to the Burbank 2035 General Plan, scenic vistas are described as “viewpoints that provide expansive views of a highly valued landscape for the benefit of the general public” (City of Burbank 2013a). Within the City of Burbank, scenic vistas include views of the Santa Monica Mountains to the south and the Verdugo Mountains to the northeast. Looking south from the South Naomi Street/Willow Street intersection, a partial view of the Santa Monica Mountains is visible. However, potential public views across the site are primarily blocked by existing development consisting of taller buildings (approximately 5-6 story buildings) immediately south of the project site. Therefore, the proposed project would not substantially alter scenic vistas. This is considered a less than significant impact.

**Mitigation Measures:** No mitigation measures are necessary.

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

**No Impact:** According to the EIR for the Burbank 2035 General Plan, there are no officially designated scenic highways in Burbank under the California Department of Transportation Scenic Highway Program (City of Burbank 2013a). Therefore, the proposed project would not substantially damage scenic resources within a view corridor and no impact would occur.

**Mitigation Measures:** No mitigation measures are necessary.

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

**Less than Significant Impact:** The substation site is developed and contains the existing Naomi Distribution Station and a rectangular one-story control building. The entire substation site is covered by impervious surfaces and enclosed with a concrete masonry wall. The proposed project would demolish the existing Naomi Distribution Station and re-construct it as a new distribution station. The proposed project would also include the construction of two driveways, utility infrastructure, perimeter block wall, and landscaping. The project site is in an area that is developed primarily with commercial and medical uses. Surrounding land uses include commercial buildings to the north, medical buildings to the east and south, and medical and commercial buildings and an assisted living facility to the west. The proposed project would be compatible with the existing land uses in the immediate vicinity. Furthermore, the proposed project would adhere to the design standards and guidelines of the City's Municipal Code.

The underground transmission cables would be installed within public roadway right-of-way and would be located within developed areas that already contain existing overhead and underground transmission and distribution lines. The proposed underground system would not be visible when in place.

Based on these considerations, the proposed project would not substantially degrade the existing visual character or quality of public views of the site and its surroundings. A less than significant impact is identified for this issue area.

**Mitigation Measures:** No mitigation measures are necessary.

- d. ***Would the project create a new source of substantial light or glare, which would adversely affect day or nighttime views in the area?***

**Less than Significant Impact:** The proposed project is located in a developed portion of Burbank where there are high levels of ambient nighttime lighting, including street lighting, building and security lighting, and indoor building illumination. The project does not propose the construction, operation, or use of infrastructure that would create a new source of substantial light or glare, which would adversely affect day or nighttime views of the area. The proposed

project would include lighting in the event that emergency nighttime work is required within the outdoor spaces of the substation, such as the switchgear and transformer areas. Similar to existing conditions, the substation would have some lighting near the entry ways. The proposed project does not propose the use of highly polished or highly reflective metal material. As such, the project would not introduce new sources of glare to the surrounding area. A less than significant impact is identified for this issue area.

**Mitigation Measures:** No mitigation measures are necessary.

## 4.2 AGRICULTURE AND FORESTRY RESOURCES

	Potentially Significant Impact	Less than Significant w/ Mitigation Incorporated	Less than Significant Impact	No Impact
<b>AGRICULTURE AND FORESTRY RESOURCES – Would the project:</b>				
a) Convert Prime Farmland, Unique Farmland, or Farmland of Statewide Importance (Farmland), as shown on the maps prepared pursuant to the Farmland Mapping and Monitoring Program of the California Resources Agency, to non-agricultural use?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
b) Conflict with existing zoning for agricultural use or a Williamson Act contract?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
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))?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
d) Result in the loss of forest land or conversion of forest land to non-forest land use?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
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?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

### Discussion

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

**No Impact:** The proposed project is located in a developed area of the City of Burbank. According to the Environmental Impact Report (EIR) for the Burbank 2035 General Plan, no designated Important Farmland is located within the city (City of Burbank 2013b). Therefore, the proposed project would not convert Prime Farmland, Unique Farmland, or Farmland of Statewide Importance to non-agricultural use and no impact would occur.

**Mitigation Measures:** No mitigation measures are necessary.

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

**No Impact:** According to the EIR for the Burbank 2035 General Plan, no Williamson Act contracts are located within the City (City of Burbank 2013b). The substation site is zoned Media District General Business (MDC-3). Additionally, the proposed underground transmission cables would be located within public roadway right-of-way. The proposed project is not located on or adjacent to land zoned for agricultural use, or subject to a Williamson Act contract. The proposed project has no potential to conflict with existing zoning for agricultural use or a Williamson Act contract. Therefore, no impact is identified for this issue area.

**Mitigation Measures:** No mitigation measures are necessary.

**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))?***

**No Impact:** The proposed project is located in a developed area of the City of Burbank. The proposed project is not located on forest land as defined in PRC Section 1220 (g). There are no existing forest lands, timberlands, or timberland zoned Timberland Production either on-site or in the immediate vicinity; therefore, the proposed project would not conflict with existing zoning of forest land or cause rezoning of any forest land. Additionally, the project site is not zoned as forest, timberland or for Timberland Production. Therefore, no impact is identified for this issue area.

**Mitigation Measures:** No mitigation measures are necessary.

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

**No Impact:** There are no existing forest lands either on-site or in the immediate vicinity of the proposed project. Therefore, the proposed project would not result in the loss of forest land or conversion of forest land to non-forest use. Therefore, no impact is identified for this issue area.

**Mitigation Measures:** No mitigation measures are necessary.

**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?***

**No Impact:** As discussed in Response 4.2(a) above, the project site does not contain any lands mapped by the State Department of Conservation as Prime Farmland, Unique Farmland, or Farmland of Statewide Importance. The project site is not used for agricultural production.

Furthermore, as discussed in Response 4.2(c) above, the project site is not located on forest land as defined in PRC Section 1220 (g). Implementation of the proposed project would not convert any Farmland to non-agricultural use or forest land to non-forest use. Therefore, no impact is identified for this issue area.

**Mitigation Measures:** No mitigation measures are necessary.

### 4.3 AIR QUALITY

	Potentially Significant Impact	Less than Significant w/ Mitigation Incorporated	Less than Significant Impact	No Impact
<b>AIR QUALITY – Would the project:</b>				
a) Conflict with or obstruct implementation of the applicable air quality plan?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
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?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
c) Expose sensitive receptors to substantial pollutant concentrations?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
d) Result in other emissions (such as those leading to odors adversely affecting a substantial number of people)?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

**Discussion**

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

***Less than Significant:*** The proposed project is located within the South Coast Air Basin (SCAB), which is under the jurisdiction of the South Coast Air Quality Management District (SCAQMD). As such, SCAQMD’s 2016 Air Quality Management Plan (AQMP) is the applicable air quality plan. Projects that are consistent with the regional population, housing, and employment forecasts identified by the Southern California Association of Governments (SCAG) are considered to be consistent with the AQMP growth projections, since the forecast assumptions by SCAG forms the basis of the land use and transportation control portions of the AQMP. Additionally, because SCAG’s regional growth forecasts are based upon, among other things, land uses designated in general plans, a project that is consistent with the land use designated in a general plan would also be consistent with the SCAG’s regional forecast projections and thus also with the AQMP growth projections.

The proposed project involves the demolition of the existing substation, including the existing control building, and the subsequent construction and operation of a substation, and installation of underground transmission cables. The proposed project would not induce population growth as no new residential uses are proposed. The Burbank 2035 General Plan land use designation for the project site is Media District Commercial. Development of the project site with the proposed substation would be consistent with the land uses anticipated by the Burbank 2035 General Plan. The proposed underground transmission cables would be located within public roadway right-of-way (e.g., paved roads). The underground transmission cables would be located in developed areas already containing existing transmission lines and distribution lines

(both overhead and underground). Therefore, the proposed project is consistent with the General Plan and growth projections accounted for in SCAQMD's AQMP.

The thresholds of significance, adopted by the air district (SCAQMD), determine compliance with the goals of the attainment plans in the region. As such, emissions below the SCAQMD thresholds presented would not conflict with or obstruct implementation of the applicable air quality plans. The following analysis is broken out by a discussion of potential impacts during construction of the project followed by a discussion of potential impacts during operation of the project.

### **Construction**

Specific criteria for determining whether the potential air quality impacts of a project are significant are set forth in the SCAQMD's CEQA Air Quality Handbook (2011). The following daily thresholds for construction emissions have been established by the SCAQMD and were used in the analysis of air quality impacts for the proposed project to determine significance:

- 75 pounds per day (lbs/day) of reactive organic gases (ROGs)
- 100 lbs/day of nitrogen oxides (NO<sub>x</sub>)
- 550 lbs/day of carbon monoxide (CO)
- 150 lbs/day of particulate matter less than 10 microns (PM<sub>10</sub>)
- 55 lbs/day of particulate matter less than 2.5 microns (PM<sub>2.5</sub>)
- 150 lbs/day of sulfur oxides (SO)

Projects in the SCAB with construction-related emissions that exceed any of the emission thresholds above are considered potentially significant by the SCAQMD.

The proposed project would generate criteria air emissions during short-term construction activities. Operation of construction equipment such as graders, cranes, backhoes, and trucks, would generate criteria air emissions. Also, emissions would be generated by material delivery vehicles and workers' vehicles traveling to and from the project site. Construction emissions would occur on a short-term basis and would cease upon completion of all construction activities (24 months).

The most recent version of the CalEEMod model (Version 2020.4.0) was used to calculate the project's construction emissions. The CalEEMod spreadsheets are included in Appendix A of this Initial Study. The total emissions generated on-site and off-site during peak construction days for each phase of construction of the proposed project are presented in Table 1. The PM<sub>10</sub> and PM<sub>2.5</sub> emissions incorporate 61 percent reduction in fugitive dust as a result of watering

disturbed areas three times a day. The emissions presented in Table 1 are based on the best information available at the time of calculations and specify that the schedule for all improvements is anticipated to take approximately 24 months. Because construction operations on-site must comply with dust control and other measures prescribed by SCAQMD Rules 402 and 403, as well as to ensure that short-term construction/ impacts are minimized, compliance with these rules is assumed in Table 1.

**Table 1. Project Construction Criteria Pollutant Emissions (pounds per day)**

Project Phases	ROG	NO <sub>x</sub>	CO	SO <sub>x</sub>	PM <sub>10</sub>	PM <sub>2.5</sub>
Demolition	1.74	16.81	14.49	0.03	1.00	0.83
Grading	1.57	17.01	9.60	0.02	3.21	2.01
Site Preparation	1.34	14.65	7.40	0.02	2.78	1.73
Construction (Trenching)	1.59	12.00	13.34	0.03	0.76	0.57
Paving	0.79	5.89	9.25	0.01	0.43	0.30
<b>Peak Daily Emissions</b>	<b>1.74</b>	<b>17.01</b>	<b>14.49</b>	<b>0.03</b>	<b>3.21</b>	<b>2.01</b>
<b>SCAQMD Thresholds</b>	<b>75</b>	<b>100</b>	<b>550</b>	<b>150</b>	<b>150</b>	<b>55</b>
<b>Exceeds SCAQMD Threshold?</b>	<b>No</b>	<b>No</b>	<b>No</b>	<b>No</b>	<b>No</b>	<b>No</b>

As shown in Table 1, short-term emissions during project construction would not exceed the SCAQMD daily construction emissions thresholds. Therefore, resulting in a less than significant impact. No mitigation measures are required.

### **Localized Significance Thresholds**

In addition to the significance thresholds listed above, SCAQMD also requires analysis of localized air quality impacts. For the proposed project, the appropriate Source Receptor Area (SRA) for localized significance thresholds (LSTs) is East San Fernando Valley (SRA No. 7), according to the SRA/City Table on the SCAQMD LST website<sup>1</sup>.

The closest sensitive receptors to the project site are residences located along North Frederic Street and North California Street at a distance of approximately 50 feet (15 meters). However, the shortest distance that can be used according to the LST guidelines is 25 meters. Therefore, the following LST construction thresholds for a 1-acre site, apply for this project:

<sup>1</sup> <http://www.aqmd.gov/home/rules-compliance/ceqa/air-quality-analysis-handbook/localized-significance-thresholds>

- 80 lbs/day of NO<sub>x</sub> at 25 meters
- 498 lbs/day of CO at 25 meters
- 4 lbs/day of PM<sub>10</sub> at 25 meters
- 3 lbs/day of PM<sub>2.5</sub> at 25 meters

Table 2 shows the construction-related emissions of CO, NO<sub>x</sub>, PM<sub>10</sub>, and PM<sub>2.5</sub> compared to the LSTs for the East San Fernando Valley area at a distance of 25 meters. As required by the SCAQMD's LST Methodology described within the Final Localized Significance Threshold Methodology (SCAQMD 2008), only the on-site construction emissions are included in Table 2.

**Table 2. Summary of On-Site Construction Emissions, Localized Significance by Task**

Project Phases	CO	NO <sub>x</sub>	PM <sub>10</sub>	PM <sub>2.5</sub>
Demolition	13.96	16.62	0.804	0.78
Grading	9.22	16.98	3.10	1.97
Site Preparation	7.09	14.63	2.69	1.70
Construction (Trenching)	12.61	11.71	0.51	0.50
Paving	8.83	5.86	0.28	0.26
<b>Peak Daily Emissions</b>	<b>13.96</b>	<b>16.98</b>	<b>3.10</b>	<b>1.97</b>
<b>SCAQMD Thresholds</b>	<b>498</b>	<b>80</b>	<b>4</b>	<b>3</b>
<b>Exceeds SCAQMD Threshold?</b>	<b>No</b>	<b>No</b>	<b>No</b>	<b>No</b>

Table 2 shows the calculated emissions rates for the proposed on-site construction activities are below the LSTs for CO, NO<sub>x</sub>, PM<sub>10</sub>, and PM<sub>2.5</sub>. Therefore, the proposed project would not cause any short-term localized air quality impacts, and no mitigation is required. Due to the relatively limited scale of construction required for the proposed project, construction related emissions would not exceed the daily significance thresholds established by the SCAQMD. Therefore, construction activities associated with the proposed project would not violate any air quality standard or contribute substantially to an existing or projected air quality violation. A less than significant impact is identified for this issue area.

### **Operations**

Following construction, the proposed project would not result in long-term operational emissions. The proposed project does not include an Operation and Maintenance building,

which typically requires workers to travel on-site daily. No on-site stationary source emissions would be generated in association with project operation. Very minimal maintenance is required for operation of the facility, amounting to approximately two to four workers entering the site for maintenance activities a couple times a year, and one to two workers conducting monthly inspections of the facility. The project would not contribute substantially to an existing or projected air quality violation. Therefore, a less than significant impact is identified for this issue area.

**Mitigation Measures:** No mitigation measures are necessary.

**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?***

**Less than Significant Impact:** As discussed in Response 4.3(a), the proposed project would result in short-term temporary air emissions associated with the construction phase. However, due to the relatively limited scale of construction required for the proposed project, the level of emissions generated during the construction phase would not exceed SCAQMD significance thresholds. Furthermore, the proposed project would not generate substantial emissions during operations due to minimal mobile emissions associated with maintenance and monitoring activities. Based on these considerations, the proposed project would not contribute to a cumulatively considerable net increase of any criteria pollutant that the project region is non-attainment under (ozone and PM<sub>10</sub>) and a less than significant impact is identified.

**Mitigation Measures:** No mitigation measures are necessary.

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

**Less than Significant Impact:** The SCAQMD defines sensitive receptors or sites (land uses) as including schools, playgrounds, childcare centers, long-term health care facilities, rehabilitation centers, convalescent centers, hospitals, retirement homes, and residences. The closest sensitive receptors to the project site are residences located along North Frederic Street and North California Street at a distance of approximately 50 feet. As discussed in Response 4.3(a), the calculated emissions rates for the proposed on-site construction activities are below the LSTs for CO, NO<sub>x</sub>, PM<sub>10</sub>, and PM<sub>2.5</sub>. Therefore, the proposed project would not cause any short-term localized air quality impacts. A less than significant impact is identified for this issue area.

**Mitigation Measures:** No mitigation measures are necessary.

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

**Less than Significant Impact:** The SCAQMD lists land uses primarily associated with odor complaints as waste transfer and recycling stations, wastewater treatment plants, landfills, composting operations, petroleum operations, food and byproduct processes, factories, and agricultural activities, such as livestock operations. The proposed project does not include any of these land uses.

The proposed project could produce odors during proposed construction activities resulting from construction equipment exhaust and application of asphalt. However, standard construction practices would minimize the odor emissions and their associated impacts. Furthermore, any odors emitted during construction are temporary, short-term, and intermittent in nature, and would cease upon the completion of construction. Additionally, construction activities would be required to comply with SCAQMD Rule 402, which prohibits the discharge of odorous emissions that would create a public nuisance. The proposed project will not create objectionable odors affecting a substantial number of people during construction, and short-term impacts would be less than significant.

No objectionable odors affecting a substantial number of people are anticipated during long term operation. The operation of the project does not involve odor-generating uses. A less than significant impact is identified for this issue area.

**Mitigation Measures:** No mitigation measures are necessary.

### 4.4 BIOLOGICAL RESOURCES

	Potentially Significant Impact	Less than Significant w/ Mitigation Incorporated	Less than Significant Impact	No Impact
<b>BIOLOGICAL RESOURCES – Would the project:</b>				
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?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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 US Fish and Wildlife Service?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
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?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
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?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
e) Conflict with any local policies or ordinances protecting biological resources, such as a tree preservation policy or ordinance?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
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?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

**Discussion**

- 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?***

**Less than Significant Impact with Mitigation Incorporated:** The proposed project is located in a highly developed area of the City of Burbank and the immediate vicinity is entirely built-out

with commercial and medical uses. Additionally, the proposed underground transmission cables would be located within public roadway right-of-way. The substation site is developed and contains the existing Naomi Distribution Station and a rectangular one-story building. The entire substation site is covered by impervious surfaces (i.e., asphalt paving or structures). There are no natural or open space areas in the project vicinity. The proposed project involves the demolition of the existing Naomi Distribution Station and reconstructing a new substation on the same site. Due to the developed nature of the project site, the proposed project would not impact any habitat that supports species identified as candidate, sensitive or special status in local, regional plans, policies, or regulations by the California Department of Fish and Wildlife or U.S. Fish and Wildlife Service. However, the project involves the removal of one tree on West Willow Street and trimming a neighboring property tree. Construction and tree removal during the breeding season for migratory birds (February 1 – August 31), have the potential to impact bird species protected under the Migratory Bird Treaty Act. However, Mitigation Measure BIO-1 would require pre-construction nesting bird surveys to be conducted prior to site grading and vegetation removal to determine the presence of active nests. If active nests are found, 100-foot buffers (300 feet for raptors) shall be established and flagged under the supervision of a qualified biologist. No construction activities shall occur within these buffers until the nests are vacated and juveniles are fledged. Implementation of Mitigation Measure BIO-1 would reduce this potential impact to a level less than significant.

**Mitigation Measures:**

**BIO-1** If construction activities, including site grading and vegetation removal, are to be conducted during the breeding season for migratory birds (February 1 – August 31), pre-construction surveys shall be conducted for nesting birds within 7 days of such activities. Surveys shall be performed by a qualified biologist. If active nests are found, 100-foot buffers (300 feet for raptors) shall be established and flagged under the supervision of a qualified biologist. No construction activities shall occur within these buffers until the nests are vacated and juveniles are fledged.

**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, regulations, or by the California Department of Fish and Wildlife or U.S. Fish and Wildlife Service?***

**No Impact:** As discussed in Response 4.4(a) above, the proposed project is located in an area that is entirely developed. No riparian habitat or designated sensitive natural communities exist on the project site or in the surrounding area. Therefore, the proposed project would have no impact to riparian habitat or sensitive natural communities.

**Mitigation Measures:** No mitigation measures are necessary.

- 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?***

**No Impact:** The project site is developed with impervious surfaces and is not near nor does it contain wetlands. Therefore, implementation of the proposed project would not have a substantial adverse effect on state or federally protected wetlands. No impact is identified for this issue area.

**Mitigation Measures:** No mitigation measures are necessary.

- 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?***

**No Impact:** No native biological resources exist on the project site, which is fully developed with urban uses. As such, the proposed project would have no impact on the movement of any native resident or migratory fish or wildlife species or within established native resident or migratory wildlife corridors, or impede the use of native wildlife nursery sites. Therefore, no impact is identified for this issue area.

**Mitigation Measures:** No mitigation measures are necessary.

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

**No Impact:** Pursuant to Burbank Municipal Code (BMC) Section 7-4-108, the City maintains a restricted list of trees in the City, including landmark trees, trees of outstanding size and beauty, and dedicated trees. These trees must be identified, mapped and recorded, and given special treatment to retain and protect them. The proposed project involves the removal of one tree on West Willow Street and trimming a neighboring property tree. However, these trees are not identified on the Restricted Tree List included in BMC Section 7-4-108. Therefore, the proposed project would not result in a conflict with BMC Section 7-4-108. No Impact is identified for this issue area.

**Mitigation Measures:** No mitigation measures are necessary.

- 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?***

**No Impact:** According to the EIR for the Burbank 2035 General Plan, the City does not have an adopted Habitat Conservation Plan (HCP) or Natural Community Conservation Plan (NCCP) (City of Burbank 2013b). Therefore, the proposed project would not have an impact to an

adopted HCP, NCCP, or other approved local, regional, or state habitat conservation plan. No impact is identified for this issue area.

**Mitigation Measures:** No mitigation measures are necessary.

## 4.5 CULTURAL RESOURCES

	Potentially Significant Impact	Less than Significant w/ Mitigation Incorporated	Less than Significant Impact	No Impact
<b>CULTURAL RESOURCES – Would the project:</b>				
a) Cause a substantial adverse change in the significance of a historical resource pursuant to §15064.5?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
b) Cause a substantial adverse change in the significance of an archaeological resource pursuant to §15064.5?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
c) Disturb any human remains, including those interred outside of dedicated cemeteries?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

### Discussion

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

**No Impact:** The substation site is developed and contains the existing Naomi Distribution Station and a rectangular one-story control building. Based on a review of the City of Burbank’s Historic Preservation Plan, none of the structures on the project site are listed as potentially significant historic properties (City of Burbank 1999). The proposed underground transmission cables would be installed within existing public roadway right-of-way and would not affect any existing structures. Therefore, the proposed project would not cause a substantial adverse change in the significance of a historical resource as defined in Section §15064.5 of the CEQA Guidelines and no impact would occur.

**Mitigation Measures:** No mitigation measures are necessary.

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

**Less than Significant Impact:** The project site has been substantially disturbed by grading activities associated with previous development of the substation and roadways. Any significant archaeological resources would have likely been unearthed during past grading of the project site. Minimal grading would be necessary for the proposed project, further reducing the potential that archaeological resources could be directly or indirectly impacted. The City will be required to comply with existing regulations, including California Public Resources Code Section 21083.2 that specifies the protocol if archaeological resources are discovered during excavation, trenching, grading, or construction activities. Therefore, a less than significant impact is identified for this issue area.

**Mitigation Measures:** No mitigation measures are necessary.

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

**Less than Significant Impact:** The project site has been substantially disturbed by grading activities associated with previous development of the substation and roadways. No known burial sites are located within or adjacent to the project site. It is unlikely that any human remains would be found or disturbed on the project site. However, California law recognizes the need to protect historic-era and Native American human burials, skeletal remains, and items associated with Native American interments from vandalism and inadvertent destruction. The procedures for the treatment of Native American human remains are contained in California Health and Safety Code Section 7050.5 and 7052 and California PRC Section 5097. In accordance with the California Health and Safety Code, if human remains are uncovered during ground-disturbing activities, the contractor and/or the project proponent are required to immediately halt potentially damaging excavation in the area of the burial and notify the Los Angeles County Coroner and a professional archaeologist to determine the nature of the remains. The coroner is required to examine all discoveries of human remains within 48 hours of receiving notice of a discovery on private or state lands (Health and Safety Code Section 7050.5[b]). If the coroner determines that the remains are those of a Native American, he or she must contact the Native American Heritage Commission (NAHC) by phone within 24 hours of making that determination (Health and Safety Code Section 7050[c]). Following the coroner's findings, the property owner, contractor or project proponent, an archaeologist, and the NAHC-designated Most Likely Descendent (MLD) shall determine the ultimate treatment and disposition of the remains and take appropriate steps to ensure that additional human interments are not disturbed. The responsibilities for acting on notification of a discovery of Native American human remains are identified in California PRC Section 5097.9. Therefore, a less than significant impact is identified for this issue area.

**Mitigation Measures:** No mitigation measures are necessary.

## 4.6 ENERGY

	Potentially Significant Impact	Less than Significant w/ Mitigation Incorporated	Less than Significant Impact	No Impact
<b>ENERGY – Would the project:</b>				
a) Result in potentially significant environmental impact due to wasteful, inefficient, or unnecessary consumption of energy resources, during project construction or operation?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b) Conflict with or obstruct a state or local plan for renewable energy or energy efficiency?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

### Discussion

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

**Less than Significant Impact:** Construction activities associated with the proposed project would require the consumption of fossil fuel resources, for example diesel fuel and gasoline to power the off-road construction equipment and construction vehicles. Additionally, construction would require the manufacture and delivery of new equipment and materials, which would require energy use. Depending on the materials, some of the debris to be removed and demolished as part of the project would be salvageable and recyclable. The energy used by the proposed project during construction would not be wasteful, inefficient, or unnecessary in light of the new facilities that would increase capacity and system reliability.

Operations, including inspection, patrol, and maintenance, of the proposed project components would also require use of fossil fuel resources. However, no new crews would be added by the project, and maintenance would be incorporated to BWP's existing maintenance programs. The operation and maintenance activities would not change from BWP's existing activities, and thus, operation would not cause any change in the consumption or use of energy resources. A less than significant impact would occur due to the direct or indirect energy consumption of the proposed project.

**Mitigation Measures:** No mitigation measures are necessary.

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

**Less than Significant Impact:** BWP provides electrical service within the City of Burbank. Electrical service is provided through a distribution network, which includes electric stations, transmission lines, distribution lines, and transformers. BWP strives to operate and maintain equipment such that it will provide value as long as possible with the goal of aging equipment

assets gracefully. Many of the older substations have major equipment that has exceeded expected lifetimes. Continued operation of the oldest substations means increased maintenance costs and difficulty in finding parts for older, obsolete equipment, and increases BWP's risk of prolonged outages due to failed equipment.

BWP proposes to demolish the existing Naomi Distribution Station which is currently owned and operated by BWP as a 34.5/4.3 kV distribution station and re-construct it as a new 69/12.47kV station with new underground 69kV and 12.47kV conduits and duct banks that will carry new high voltage power and fiber optic cables from the new substation. The new 69/12.47kV station and associated components would allow BWP to increase capacity and the efficiency of the system's ability to deliver electricity to California's end users. Therefore, the proposed project would not conflict with any state or local plan for prioritizing renewable energy or energy efficiency.

**Mitigation Measures:** No mitigation measures are necessary.

## 4.7 GEOLOGY AND SOILS

	Potentially Significant Impact	Less than Significant w/ Mitigation Incorporated	Less than Significant Impact	No Impact
<b>GEOLOGY AND SOILS – Would the project:</b>				
a) Directly or indirectly cause potential substantial adverse effects, including the risk of loss, injury, or death involving:				
i. Rupture of a known earthquake fault, as delineated on the most recent Alquist-Priolo Earthquake Fault Zoning Map issued by the State Geologist for the area or based on other substantial evidence of a known fault? Refer to Division of Mines and Geology Special Publication 42.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
ii. Strong seismic ground shaking?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
iii. Seismic-related ground failure, including liquefaction?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
iv. Landslides?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
b) Result in substantial soil erosion or the loss of topsoil?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
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?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
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?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
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?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
f) Directly or indirectly destroy a unique paleontological resource or site or unique geologic feature?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

## Discussion

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

- i. **Rupture of a known earthquake fault, as delineated on the most recent Alquist-Priolo Earthquake Fault Zoning map, issued by the State Geologist for the area or based on other substantial evidence of a known fault?**

**Less than Significant Impact:** According to the Burbank 2035 General Plan, no Alquist-Priolo Earthquake Fault Zone has been designated in the City of Burbank (City of Burbank 2013a). However, several active faults are located near the project site including the Verdugo Fault approximately 3 miles to the northeast and the Hollywood Fault approximately 3.6 miles to the southeast. No faults run through the project site nor is the site within an Alquist-Priolo Earthquake Fault Zone. Therefore, the project would not expose people or structures to substantial adverse effects from rupture of a known earthquake fault. This is considered a less than significant impact.

**Mitigation Measures:** No mitigation measures are necessary.

- ii. **Strong seismic ground shaking?**

**Less than Significant Impact:** The project site is located within an active seismic region. As such, the project site could experience strong seismic ground shaking during an earthquake. As identified in Response 6a.i. several nearby faults, including the Verdugo Fault, pose a potential for strong seismic ground shaking. However, the potential for ground shaking due to seismic activity is common throughout the Southern California area. As a standard condition of project approval, the proposed project would be constructed in accordance with the California Building Standards Code (CBCS), also known as California Code of Regulations (CCR), Title 24 (Part 2), and the City of Burbank Building Code. A less than significant impact is identified for this issue area.

**Mitigation Measures:** No mitigation measures are necessary.

- iii. **Seismic-related ground failure, including liquefaction?**

**Less than Significant Impact:** Liquefaction is a destructive side effect of seismic shaking. Liquefaction happens when shaking increases pore water pressure and causes the soil to lose its strength and behave as a liquid. The excess pore pressures are often pushed upward through fissures and soil cracks, which causes water-soil slurry to bubble onto the ground surface. Liquefaction occurs primarily in saturated and loose, fine- to-medium-grained soils, in areas where the groundwater table lies within 50 feet of the surface (City of Burbank 2013a).

According to Exhibit S-4: Liquefaction Zones of the Burbank 2035 General Plan, the proposed project is located in an area with the potential for liquefaction (City of Burbank 2013a). Except in some areas along the Ventura Freeway (SR 134) in the southwestern portion of the city, most groundwater underlying Burbank is deeper than 100 feet below the ground surface. Groundwater levels have been dropping because of pumping in water wells. As long as groundwater continues to be extracted in the upper Los Angeles River area and annual rainfall remains at normal levels, groundwater levels in Burbank can be expected to remain deeper than 50 feet, resulting in a low risk of liquefaction for most of the city (City of Burbank 2013a). As a standard condition of project approval, the proposed project would be constructed in accordance with the most current CBSC and City of Burbank Building Code to minimize the potential hazard of liquefaction on the project site. A less than significant impact is identified for this issue area.

**Mitigation Measures:** No mitigation measures are necessary.

#### iv. Landslides

**No Impact:** Landslide hazards are related to both slope and to seismic activity. The project site and surrounding areas are relatively flat and contain minimal rises or changes in elevation. According to Exhibit S-5: Earthquake-Induced Landslide Zones of the Burbank 2035 General Plan, the project site is not located in an area susceptible to landslide hazards (City of Burbank 2013a). No impact related to landslides would occur.

**Mitigation Measures:** No mitigation measures are necessary.

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

**Less than Significant Impact:** The project site is completely developed and covered with impervious surfaces. After completion, the proposed project would mimic existing impervious conditions and almost completely cover the project site. Soil would be exposed during construction, creating the potential for erosion. However, the proposed project would be required to implement sediment and erosion control Best Management Practices (BMPs) imposed by the City through the grading and building permit process to minimize or avoid any erosion. This is considered a less than significant impact.

**Mitigation Measures:** No mitigation measures are necessary.

#### 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?***

**Less than Significant Impact:** As noted above, the project site is currently developed and likely received some level of geotechnical consideration of underlying materials prior to construction. As required by the City in accordance with local and state building code

requirements, any proposed development would be required to complete a geotechnical evaluation of any onsite hazards. As a standard condition of project approval, the proposed project would be constructed in accordance with the most current CBSC and City of Burbank Building Code to minimize or avoid the potential hazard of unstable soils on the project site. A less than significant impact is identified for this issue area.

**Mitigation Measures:** No mitigation measures are necessary.

- 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?***

**Less than Significant Impact:** The project site has been substantially disturbed by grading activities associated with previous development of the substation and roadways, and likely received some level of geotechnical consideration of underlying materials prior to construction. As required by the City and in accordance with local and state building code requirements, any proposed development would be required to complete a geotechnical evaluation of any onsite hazards. As a standard condition of project approval, the proposed project would be constructed in accordance with the most current CBSC and City of Burbank Building Code to minimize or avoid the potential hazard of expansive soil. A less than significant impact is identified for this issue area.

**Mitigation Measures:** No mitigation measures are necessary.

- 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?***

**No Impact:** The project site is located in a developed area that is served by the wastewater collection, conveyance, and treatment system operated by the City of Burbank. The project's wastewater demand would be accommodated via connections to this existing wastewater infrastructure. The proposed project would not install septic tanks or alternative wastewater disposal systems. Therefore, no impact is identified for this issue area.

**Mitigation Measures:** No mitigation measures are necessary.

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

**Less than Significant Impact:** The project site has been substantially disturbed by grading activities associated with previous development of the substation and roadways. Any significant paleontological resources would have likely been unearthed during past grading of the project site. Minimal grading and trenching would be necessary for the proposed project, further reducing the potential that paleontological resources could be directly or indirectly impacted. Furthermore, the project applicant shall be required to comply with existing regulations,

including California Public Resources Code Section 21083.2 that specifies the protocol if paleontological resources are discovered during excavation, grading, or construction activities. Therefore, a less than significant impact is identified for this issue area.

**Mitigation Measures:** No mitigation measures are necessary.

## 4.8 GREENHOUSE GAS EMISSIONS

	Potentially Significant Impact	Less than Significant w/ Mitigation Incorporated	Less than Significant Impact	No Impact
<b>GREENHOUSE GAS EMISSIONS – Would the project:</b>				
a) Generate greenhouse gas emissions, either directly or indirectly, that may have a significant impact on the environment?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b) Conflict with an applicable plan, policy or regulation adopted for the purpose of reducing the emissions of greenhouse gases?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

### Discussion

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

**Less than Significant Impact:** The greenhouse gas (GHG) emissions associated with the proposed project would primarily be associated with project-related construction activities. There would be only minimal energy consumption, water consumption, and solid waste generation associated with project operation. The City of Burbank has not adopted any numerical thresholds of significance for GHG emissions.

14 CCR 15064.4 of the CEQA Guidelines presents guidelines for determining the significance of impacts from GHG emissions. The specific language from the regulation is reproduced below:

“The determination of the significance of greenhouse gas emissions calls for a careful judgment by the lead agency consistent with the provisions in Section 15064. A lead agency should make a good-faith effort, based to the extent possible on scientific and factual data, to describe, calculate or estimate the amount of greenhouse gas emissions resulting from a project.”

Several air districts in California have defined numeric GHG significance thresholds ranging from 900 to 25,000 metric tons per year. The value defined by local air districts varies, depending upon the level of further analysis and/or mitigation that is triggered by surpassing the threshold.

On December 5, 2008, SCAQMD adopted GHG significance thresholds for Stationary Sources, Rules, and Plans where the SCAQMD is lead agency. The threshold uses a tiered approach. A proposed project is compared with the requirements of each tier sequentially and would not result in a significant impact if it complies with any tier. Tier 1 excludes projects that are specifically exempt from Senate Bill (SB) 97 from resulting in a significant impact. Tier 2 excludes projects that are consistent with a GHG reduction plan that has a certified final CEQA

document and complies with Assembly Bill (AB) 32 GHG reduction goals. Tier 3 excludes projects with annual emissions lower than a screening threshold. For industrial stationary source projects, the SCAQMD adopted a screening threshold of 10,000 MTCO<sub>2e</sub> per year (MTCO<sub>2e</sub>/yr). This threshold was selected to capture 90 percent of the GHG emissions from these types of projects where the combustion of natural gas is the primary source of GHG emissions. For all non-industrial projects, the SCAQMD is proposing a screening threshold of 3,000 MTCO<sub>2e</sub> per year. SCAQMD concluded that projects with emissions less than the screening thresholds would not result in a significant cumulative impact.

For the proposed project, the 10,000 MTCO<sub>2e</sub> per year threshold is used as the significance threshold.

During construction of the project, GHG emissions would be emitted through the operation of construction equipment, on-site heavy-duty vehicles, equipment hauling materials to and from the project site, grading, utility engines, and asphalt paving, each of which typically uses fossil-based fuels to operate. The combustion of fossil-based fuels creates GHGs such as carbon dioxide (CO<sub>2</sub>), methane (CH<sub>4</sub>), and nitrous oxide (N<sub>2</sub>O). Furthermore, CH<sub>4</sub> is emitted during the fueling of heavy equipment. Exhaust emissions from on-site construction activities would vary daily as construction activity levels change.

The most recent version of the CalEEMod model (Version 2020.4.0) was used to calculate the construction emissions. The construction-related GHG emissions generated during peak construction days for each phase of construction of the proposed project are presented in Table 3.

**Table 3. Project Construction GHG Emissions (Metric Tons CO<sub>2e</sub>)**

Project Phases	Total CO <sub>2e</sub> Emissions in Metric Tons
Demolition	23.01
Grading	19.12
Site Preparation	15.95
Construction (Trenching)	316.26
Paving	12.96
<b>Total GHG Emissions</b>	<b>387.30</b>

SCAQMD's GHG emissions policy for construction activities is to amortize emissions over a 30-year lifetime. When amortized, the proposed project's annual construction emissions would be approximately 13 metric tons. Therefore, the estimated construction GHG emissions from the

proposed project are well below significance thresholds thus far suggested (e.g., SCAQMD's 10,000 metric tons/year threshold for industrial project) and are not anticipated to directly result in a significant impact. The proposed project would not result in a substantial population growth, as the number of employees required to operate and maintain the facility is minimal. The proposed project would not substantially increase traffic conditions within the project area, resulting in a substantial contribution of GHG emissions. Therefore, a less than significant impact is identified for this issue area.

**Mitigation Measures:** No mitigation measures are necessary.

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

**Less than Significant Impact:** AB 32, the California Global Warming Solutions Act of 2006 (codified in the California HSC, Division 25.5), acknowledged the threat that GHGs pose to the health, safety, and welfare of California communities, and established statewide targets for GHG emission reductions, requiring that emissions be reduced to 1990 levels by 2020. AB 32 serves as the primary plan, policy or regulation adopted in the State of California to reduce GHG Emissions. In 2016, SB 32 and its companion bill AB 197 amended HSC Division 25.5 and established a new climate pollution reduction target of 40 percent below 1990 levels by 2030 and include provisions to ensure that the benefits of State climate policies reach into disadvantaged communities.

As discussed above, the estimated construction GHG emissions from the proposed project are well below SCAQMD's significance thresholds. Also, the proposed project would not otherwise result in the generation of GHG emissions as a result of operational activities, and does not conflict with the City's Greenhouse House Gas Reduction Plan (GGRP). The GGRP was developed to meet the intent of AB 32 and as an implementing document for Burbank 2035. The GGRP provides an inventory of current GHG emissions in Burbank. In addition, emission reduction measures and actions presented in the GGRP implement the goals, policies, and implementation actions of the Air Quality & Climate Change Element to reduce GHG emissions and improve overall air quality and environmental health. Therefore, the implementation of the proposed project would not conflict with an applicable plan, policy, or regulation adopted for the purpose of reducing the emissions of GHG. No impact is identified for this issue area.

**Mitigation Measures:** No mitigation measures are necessary.

### 4.9 HAZARDS AND HAZARDOUS MATERIALS

	Potentially Significant Impact	Less than Significant w/ Mitigation Incorporated	Less than Significant Impact	No Impact
<b>HAZARDS AND HAZARDOUS MATERIALS – Would the project:</b>				
a) Create a significant hazard to the public or the environment through the routine transport, use, or disposal of hazardous materials?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
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?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c) Emit hazardous emissions or handle hazardous or acutely hazardous materials, substances, or waste within 0.25 mile of an existing or proposed school?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
d) Be located on a site which is included on a list of hazardous materials 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?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
e) For a project located within an airport land use plan, or, where such a plan has not been adopted, within 2 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?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
f) Impair implementation of or physically interfere with an adopted emergency response plan or emergency evacuation plan?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
g) Expose people or structures, either directly or indirectly, to a significant risk of loss, injury, or death involving wildland fires?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

**Discussion**

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

**Less than Significant Impact:** During construction of the proposed project, a limited amount of hazardous materials would be transported to, stored, and used on the property (fuel, paint, etc.) that are typical with construction activity and would not create a significant hazard to the public

or environment. Construction activities would comply with applicable federal, State, and local regulations that would reduce potential hazards during the transport, use, or disposal of these materials. During operation, the project would not involve the use or production of any hazardous waste material in significant quantities to create a significant hazard. There would be transformer oil used in the transformers for cooling and insulation purposes. The transformers would include oil containment basins in order to prevent potential spills from reaching storm drains. A less than significant impact is identified for this issue area.

**Mitigation Measures:** No mitigation measures are necessary.

***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?***

**Less than Significant Impact with Mitigation Incorporated:** The following information is summarized from the Phase I Environmental Site Assessment (ESA) and Phase II ESA prepared for the proposed project. These reports are provided as Appendix B and C, respectively, of this Initial Study.

### **Phase I ESA**

The Phase I ESA was conducted in accordance with the scope and limitations of the American Society for Testing and Materials (ASTM) Practice E1527-13. The preparation of the Phase I ESA included an environmental records review; a data gap analysis; historical research; and a site reconnaissance and interviews.

A Phase I ESA was prepared to identify recognized environmental conditions (RECs) that may adversely affect the substation site. A REC is defined as: The presence or likely presence of any hazardous substances or petroleum products in, on, or at a property: (1) due to release to the environment; (2) under conditions indicative of a release to the environment; or (3) under conditions that pose a material threat of a future release to the environment.

The Phase I ESA identified three RECs in connection with the substation site:

- The San Fernando Valley (SFV) Superfund Site's North Hollywood Wellfield Area Burbank Operable Unit was identified in the database report as a National Priority Listing site that underlies the project site. The SFV Superfund Site is a 20-square-mile area of contaminated groundwater located primarily in North Hollywood and Burbank, California. Contaminants of concern are mainly volatile organic compounds (VOCs) including trichloroethylene (TCE) and perchloroethylene (PCE).

- The use of PCB-containing oils in electrical equipment at the substation site prior to the 1990s is likely. The historical use of PCBs prior to regulatory reporting requirements is a REC.
- The existing onsite transformers containing dielectric oil are considered aboveground storage tanks.

Due to the potential for near-surface soil contamination with PCB oil near the transformers located on the substation site, a Phase II ESA was performed for the substation site and is summarized below.

### ***Phase II ESA***

The purpose of the Phase II ESA was to collect soil and concrete wipe samples and analyze the samples for contaminants of concern (COCs), based on the documented environmental histories or suspected contaminant releases at the property.

Concrete wipe samples and soil samples were collected and analyzed to indicate whether or not PCB impacts are present on the substation site. One shallow soil sample was collected from below the gravel base (approximately 6 inches deep) at eight locations, adjacent to the three existing transformers. The laboratory results of the soil and concrete samples are summarized below:

- **Total Petroleum Hydrocarbons (TPH):** All eight soil samples were analyzed for TPH in the gasoline, diesel, and motor oil ranges. Gasoline-range organics were not detected above the laboratory reporting limit of 0.20 milligrams per kilogram (mg/kg). Diesel-range organics were detected in one sample, SS4, at a concentration of 11 mg/kg. Oil-range organics were detected in two samples, SS3 and SS4, at concentrations of 63 and 65 mg/kg, respectively.
- **VOCs:** All eight soil samples were analyzed for VOCs. VOCs were not detected in soil samples.
- **Title 22 Metals:** All eight soil samples were analyzed for metals. Six samples contained concentrations of metals consistent with background concentrations for Southern California soil. Soil sample SS5 contained elevated concentrations of copper (1300 mg/kg), lead (72 mg/kg), and zinc (1800 mg/kg). Soil sample SS6 contained elevated concentrations of cadmium (11 mg/kg) and zinc (1800 mg/kg). Elevated zinc concentrations did not exceed thresholds requiring additional analysis. However, copper and lead in sample SS5 and cadmium in sample SS6 were analyzed for their soluble fractions by the California Soluble Threshold Limit Concentration test. The copper content of sample SS5 exceeded the threshold for hazardous waste under California's Title 22.
- **PCBs:** All eight soil samples and all three concrete wipe samples were analyzed for PCBs. PCBs were not detected in soil samples above the laboratory reporting limit of 130 micrograms per kilogram ( $\mu\text{g}/\text{kg}$ ). PCBs were not detected in concrete wipe samples above the laboratory reporting limit of 4.0 micrograms per wipe ( $\mu\text{g}/\text{wipe}$ ).

Based on the laboratory results, TPH, VOCs, and PCBs in soil and in the concrete pads below the transformers do not present a hazardous waste risk to the proposed project. However, Title 22 metals, particularly copper in the vicinity of sample SS5, may present a hazardous waste risk. If construction activities remove soil from this area, project-related construction activities would carry the potential for encountering contaminated soil. This potential impact is considered significant. However, implementation of Mitigation Measure HAZ-1 would reduce this potential impact to a level less than significant.

There is a potential to encounter unreported contaminated soils during excavation and grading activities associated with the substation site and trenching associated with the underground transmission cables. If hazardous substances were encountered during construction of the proposed project and if materials were improperly managed or disposed, workers and the public would be potentially exposed to contaminated materials. This potential impact is considered significant. However, implementation of Mitigation Measure HAZ-2 would reduce this potential impact to a level less than significant.

### ***Asbestos and Lead-Based Paint***

Asbestos was used extensively from the 1940s until the late 1970s. Although asbestos is usually safe when it is undisturbed and the asbestos containing materials (ACMs) are in good condition, once disturbed (such as during remodeling or demolition) the fibers can become airborne. The EPA has determined that there is no safe exposure level to asbestos. Lead is a highly toxic metal that was used until 1978 in paint and other products found in and around residences. Lead may cause a range of health effects, from behavioral problems and learning disabilities, to seizures and death. Lead based paint (LBP) has been banned since 1978, but many older structures still have this paint on walls, woodwork, siding, windows, and doors.

A limited asbestos and LBP assessment (EFI Global 2021) was conducted on February 18, 2020 to determine the presence of ACMs and LBP at the substation property. Sampling was limited to building materials only. Due to electrical shock hazards, sampling was not performed of materials suspected to contain asbestos or lead that are commonly present on energized electrical equipment include the transformers. The asbestos and LBP assessment was performed by a certified asbestos consultant and California Department of Public Health Lead Sampling Technician.

The laboratory results indicate that black mastic around PVC pipes contained asbestos content above the threshold limit of 1%. All other materials sampled as part of the assessment were found not to contain asbestos content. The following painted components were found to have LBP: doors, door frames, fencing I-beams, roofing, and bathroom sink (EFI Global 2021).

A significant impact would occur if the project would involve the demolition of commercial, industrial, or residential structures that may contain ACM, LBP, and/or other hazardous

materials and as a result, the project would represent a significant hazard to the public or the environment. Based on the limited asbestos and LBP assessment conducted at the substation property, ACMs and LBP were detected in the substation. Therefore, the proposed project has the potential to create a significant hazard to the public or the environment through reasonably foreseeable upset and accident conditions involving the release of ACMs and LBP into the environment. However, implementation of Mitigation Measure HAZ-3 would reduce this potential impact to a level less than significant.

**Mitigation Measures:**

**HAZ-1** Prior to construction, the project contractor shall prepare a construction hazardous materials management plan that outlines the following soil handling requirements and procedures:

1. Obvious Sign of Contamination: In all cases when conducting earthwork activities, soil that exhibits obvious signs of contamination shall be segregated and stockpiled separately from other presumed-clean soil, and the resident engineer notified. Obvious signs of contamination include the following:
  - Visible staining or discoloration
  - Strong odors
  - Oily residue
  - Free-flowing liquids other than water

The segregated soil shall be sampled and analyzed by an environmental laboratory for TPH (EPA Method 8015), VOCs (EPA Method 8260), and Title 22 metals (EPA Methods 6010 and 7471). Offsite disposal shall be approved by the resident engineer.

2. Known or Suspected Contamination: As a result of the site soil site investigation, it is suspected that near-surface soil in the vicinity of sampling location SS5 may meet the definition of hazardous waste under California Title 22. Soil that is to be disturbed by earthwork activities, excluding crushed rock and gravel base, within a 5-foot radius of this location shall be segregated and stockpiled separately from other soil, even if it does not exhibit obvious signs of contamination. The segregated soil shall be sampled and analyzed by an environmental laboratory for TPH (EPA Method 8015), VOCs (EPA Method 8260), and Title 22 metals (EPA Methods 6010 and 7471). Offsite disposal shall be approved by the resident engineer.

3. Stockpiles: Segregated soil shall be placed upon polyethylene sheeting with a minimum thickness of 8 mil. Piles shall be covered with polyethylene sheeting with a minimum thickness of 8 mil at the end of each day and whenever the stockpiles are not in active use. Stockpiles shall also conform to all the requirements of the Stormwater Pollution Prevention Plan (SWPPP).
4. Onsite Soil Reuse: Soil that is disturbed during earthwork activities may be reused onsite if it does not fall under the categories of Section 1 or Section 2 above. The resident engineer reserves the right to approve or reject any soil for onsite reuse at their discretion.

**HAZ-2** All construction contractors shall immediately stop all surface or subsurface activities in the event that potentially hazardous materials are encountered, an odor is identified, or considerably stained soil is visible. Contractors shall follow all applicable local, state, and federal regulations regarding discovery, response, disposal, and remediation for hazardous materials encountered during the construction process.

**HAZ-3** Prior to the issuance of a demolition permit, a Hazardous Materials Assessment (surveys) will be performed to determine the presence or absence of ACMs/LBP located in the electrical equipment, including the transformers, to be demolished. Suspect materials that would be disturbed by the demolition activities would be sampled and analyzed for asbestos content, or assumed to be asbestos containing. All lead containing materials and asbestos containing materials scheduled for demolition must comply with applicable regulations for demolition methods and dust suppression. Lead containing materials and asbestos containing materials shall be managed in accordance with applicable regulations. The ACM survey shall be conducted by a person certified by the California Division of Occupational Safety and Health. The LBP survey shall be conducted by a person certified by the California Department of Health Services. Copies of the surveys will be provided to the City of Burbank Community Development Department and South Coast Air Quality Management District once completed.

**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?***

**Less than Significant Impact:** The closest school to the proposed project is Robert Louis Stevens Elementary School located at 3333 West Oak Street, which is just west of the proposed underground 69Kv line along North California Street. During construction of the proposed project, a limited amount of hazardous materials would be transported to, stored, and used on the property (fuel, paint, etc.) that are typical with construction activity and would not create a significant hazard to the public or environment. Construction activities would comply with applicable federal, state, and local regulations that would reduce potential hazards during the

transport, use, or disposal of these materials. Therefore, a less than significant impact has been identified.

**Mitigation Measures:** No mitigation measures are necessary.

**d. *Would the project be located on a site which is included on a list of hazardous materials sites compiled pursuant to Government Code Section 65962.5 [inclusive of Section 25356 of the Health & Safety Code] and, as a result, would it create a significant hazard to the public or the environment?***

**Less than Significant Impact:** An environmental records review was conducted by Environmental Risk Information Services (ERIS) to determine if the substation site is included on any federal, state, local, and tribal databases. The ERIS report included 145 listing within the search radii, and 4 listings (BURBANK CUPA, LA COUNTY CUPA, CERS TANK, and FINDS/FRS) were reported for the substation site.

- **BWP Naomi Substation, 228 South Naomi Street (Project Site):** This site is listed in BURBANK CUPA and the LA COUNTY CUPA, indicating that it has a storage tank. The CERS TANK lists the site under the following Regulated Programs: Chemical Storage Facilities and Aboveground Petroleum Storage. The FINDS/FRS record lists the site as electrical services/electrical power distribution registered in the CA-CERS and CAENVIROVIEW databases. The CalEPA website lists dielectric oil and lead acid batteries as regulated chemicals stored onsite.
- **SFV (Area 1) North Hollywood Wellfield Area Burbank Operable Unit:** This site is listed in the NPL and is a 20-square-mile area of groundwater contaminated with including TCE and PCE.
- **FotoKem Film & Video/Foto-Kem Industries, Inc./Foto Tronics, 2800 West Olive Avenue (ERIS Record No. 14):** This site is listed in BURBANK CUPA, CERS HAZ, CLEANUP SITES, EMISSIONS, LA COUNTY CUPA AND RCRA SQG databases. According to the ERIS report, this site had a reported leak of volatile or semi-volatile organic compounds in January 1965 and may have affected the aquifer used for drinking water supply.

As discussed in Response 4.9(b), a Phase II ESA was prepared for the substation site, which included the collection of soil samples to determine the presence or absence of contamination in the site soil. Based on the laboratory results, no further assessment is required for the substation site.

Based on a review of the Cortese List conducted in September 2021, the proposed underground transmission cables are not located on a site which is included on a list of

hazardous materials compiled pursuant to Government Code Section 65962.5 (Department of Toxic Substances Control 2021).

Based on these considerations above, the proposed project would not create a significant hazard to the public or the environment due to location on a hazardous materials site and a less than significant impact would occur.

**Mitigation Measures:** No mitigation measures are necessary.

- e. *For a project located within an airport land use plan or, where such plan has not been adopted, within 2 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 Impact:** The project site is not located within 2 miles of a public airport or public use airport. The nearest public airport is Bob Hope Airport, located approximately 2.6 miles north of the substation site and 2.2 miles north of the most northern extent of the proposed 69kV line on West Verdugo Avenue. Therefore, the proposed project would not result in a safety hazard or excessive noise for people residing or working in the project area and no impact would occur.

**Mitigation Measures:** No mitigation measures are necessary.

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

**Less than Significant Impact:** The project site is located in a developed area and would not impair implementation of, or physically interfere with, an adopted emergency response plan or emergency evacuation plan. Although the proposed project would involve the installation of underground transmission cables within existing public roadway right-of-way, it is not anticipated that the proposed project would substantially affect any of the existing road network surrounding the project site beyond some temporary partial road closures during construction. A traffic control plan would be implemented during temporary construction activities in roadways, as such, this would be a temporary impact and the transmission cables would be located underground. Proposed development would meet all requirements for access and egress of emergency vehicles in accordance with Uniform Fire Code and City requirements. Potential impacts related to emergency and evacuation plans would be less than significant.

**Mitigation Measures:** No mitigation measures are necessary.

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

**No Impact:** According to the Burbank 2035 General Plan, there are two areas within the city mapped by the Burbank Fire Department (BFD) as fire hazard zones. One zone is along the foothills of the Verdugo Mountains in the northeast part of the city and the other is in the southwestern edge of the city adjacent to an undeveloped portion of the Hollywood Hills.

According to Exhibit S-1: Fire Zones of the Burbank 2035 General Plan, the project site is not located within either of these designated wildland fire hazard areas (City of Burbank 2013a). Therefore, the proposed project would not expose people or structures to a significant risk of loss, injury, or death involving wildland fires and no impact would occur.

**Mitigation Measures:** No mitigation measures are necessary.

### 4.10 HYDROLOGY AND WATER QUALITY

	Potentially Significant Impact	Less than Significant w/ Mitigation Incorporated	Less than Significant Impact	No Impact
<b>HYDROLOGY AND WATER QUALITY–Would the project:</b>				
a) Violate any water quality standards or waste discharge requirements or otherwise substantially degrade surface or ground water quality?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b) Substantially decrease groundwater supplies or interfere substantially with groundwater recharge such that the project may impede sustainable groundwater management of the basin?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
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;	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
ii. substantially increase the rate or amount of surface runoff in a manner which would result in flooding on- or offsite;	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
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	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
iv. impede or redirect flood flows?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
d) In flood hazard, tsunami, or seiche zones, risk release of pollutants due to project inundation?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
e) Conflict with or obstruct implementation of a water quality control plan or sustainable groundwater management plan?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

**Discussion**

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

***Less than Significant Impact:***

**Construction**

Short-term impacts related to water quality would occur during the earthwork and construction phase, when the potential for erosion, siltation, and sedimentation would be the greatest. Construction of the proposed project has the potential to produce typical pollutants such as nutrients, heavy metals, pesticides and herbicides, toxic chemicals related to construction and cleaning, waste materials including wash water, paints, wood, paper, concrete, food containers, and sanitary wastes, fuel, and lubricants. Impacts to stormwater quality would occur from construction and associated earth moving, and increased pollutant loadings would occur immediately offsite.

Construction of the proposed substation would disturb approximately 0.39 acres of land surface, and thus, would not be required to obtain coverage under the National Pollutant Discharge Elimination System (NPDES) Construction General Permit (Permit) (Order No. 2009-0009-DWP). However, the City of Burbank is located within the jurisdiction of the Regional Water Quality Control Board (RWQCB). The Los Angeles RWQCB requires all municipalities within its jurisdiction, including the City of Burbank, to comply with the water quality objectives in its Stormwater Quality Management Plan (SQMP). The SQMP is designed to ensure that stormwater produced from a proposed development does not exceed the limitation of any receiving waters and water quality standards. Under the SQMP, development projects are required to obtain permits for water pollution generated by stormwater. These permits, known as Municipal Separate Storm Sewer Systems (MS4) permits, are part of the NPDES permit program. All development projects within the County of Los Angeles are required to comply with the SQMP. In addition, the City of Burbank administers a Standard Urban Stormwater Mitigation Plan (SUSMP) ordinance to ensure new developments comply with the SQMP. The SUSMP ordinance requires new developments to implement BMPs to reduce water quality impacts to the maximum extent possible, and submit a plan to the City demonstrating how the proposed project would comply with the SUSMP and project-specific BMP implementation information. Compliance with the SQMP and SUSMP would minimize impacts to a less than significant level.

As described in Section 3.0, Project Description, trenching will be required to install underground transmission cables within existing public roadway right-of-way. In the event the project disturbs 1 acre or more of land surface, project construction would be required to comply with the NPDES Permit (Order No. 2009-0009-DWP), which requires the preparation of a Storm Water Pollution Prevention Plan (SWPPP). The SWPPP is required to include a description of appropriate BMPs that include erosion control measures. Construction contractor(s) are responsible for implementation of the SWPPP, which includes maintenance, inspection, and repair of erosion and sediment control measures and water quality BMPs throughout the construction period. Therefore, with implementation of the required BMPs as part of a SWPPP, impacts would be less than significant.

### ***Operations***

Operation of the proposed substation would generate sources of potential stormwater pollution that are typical of industrial uses (e.g., cleaning solvents, oil and grease, trash and debris).

Stormwater runoff from precipitation events could potentially carry urban pollutants into municipal storm drains. As discussed in Response 4.9(a) above, the transformers would include oil containment basins in order to prevent potential spills from reaching storm drains. Furthermore, the proposed project would be required to comply with the SUSMP, which includes implementation of BMPs to infiltrate or treat stormwater runoff, control peak flow discharge, and reduce the post-project discharge of pollutants from stormwater conveyance systems. Compliance with these requirements would reduce potential impacts to water quality standards to less than significant.

**Mitigation Measures:** No mitigation measures are necessary.

- 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?***

**Less than Significant Impact:** According to the City's Urban Water Management Plan (2015), the City of Burbank extracts its groundwater from the San Fernando Basin (SFB). The SFB underlies the city, including the project site. The City relies heavily on groundwater sources for its water supply. The project site is currently developed and is almost entirely covered with impervious surfaces. Implementation of the proposed project would result in redevelopment of the substation site, resulting in a similar amount of impervious surfaces when compared to existing conditions. As the project site is predominantly impervious, only nominal runoff currently infiltrates into the groundwater. Thus, the proposed project would not significantly interfere with groundwater recharge or impede the sustainable groundwater management of the basin. This is considered a less than significant impact.

**Mitigation Measures:** No mitigation measures are necessary.

- c. *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:***

- i. *result in substantial erosion or siltation on- or off-site?***

**Less than Significant Impact:** The project site is flat in topography. Existing runoff currently surface flows and eventually drains into existing outlets. Project implementation would result in similar drainage patterns as existing conditions, as the majority of the site would remain impervious. The proposed project would not substantially alter the existing drainage pattern of the site, resulting in substantial erosion or siltation on-site or off-site and would not alter the course of a stream or river. This is considered a less than significant impact.

**Mitigation Measures:** No mitigation measures are necessary.

***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:***

- ii. substantially increase the rate or amount of surface runoff in a manner which would result in flooding on- or offsite?***

**Less than Significant Impact:** As discussed in Response 4.10(c)(i) above, existing runoff currently surface flows and eventually drains into existing outlets. Project implementation would result in similar drainage patterns as existing conditions, as the majority of the site would remain impervious. The proposed project's potential to cause flooding would be eliminated through compliance with the City's SUSMP ordinance. This ordinance would require the proposed project to implement BMPs to reduce impacts on stormwater runoff during construction to the maximum extent possible and to submit a plan to the City demonstrating how the project would comply with the SUSMP during operation. Therefore, the proposed project would not substantially alter the existing drainage pattern of the site, resulting in flooding onsite or offsite. This is considered a less than significant impact.

**Mitigation Measures:** No mitigation measures are necessary.

***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:***

- 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?***

**Less than Significant Impact:** Runoff from the project site currently is, and would continue to be, collected on the site and directed toward into existing outlets. Project implementation would result in similar drainage patterns as existing conditions, as the majority of the site would remain impervious. Therefore, the project would not create or contribute substantial additional runoff. This is considered a less than significant impact.

**Mitigation Measures:** No mitigation measures are necessary.

***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:***

***iv. impede or redirect flood flows?***

**No Impact:** According to Exhibit S-6: FEMA Flood Zone Areas of the Burbank 2035 General Plan, the project site is not located within a 100- or 500-year flood zone (City of Burbank 2013a). Therefore, the project would not impede or redirect flood flows and no impact is identified for this issue area.

**Mitigation Measures:** No mitigation measures are necessary.

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

**No Impact:** According to Exhibit S-6: FEMA Flood Zone Areas of the Burbank 2035 General Plan, the project site is not located within a 100- or 500-year flood zone (City of Burbank 2013a). The project site is located approximately 15 miles east of the Pacific Ocean. Therefore, the project site would not be subject to inundation by tsunami. The potential for the site to be adversely impacted by earthquake induced seiches, is negligible due to the lack of any significant enclosed bodies of water located in the vicinity of the site. Therefore, the proposed project would not risk release of pollutants due to project inundation by flood, tsunami, or seiche and no impact is identified for this issue area.

**Mitigation Measures:** No mitigation measures are necessary.

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

**Less than Significant Impact:** According to the City's Urban Water Management Plan (2015), the City of Burbank extracts its groundwater from the San Fernando Basin (SFB). The SFB underlies the city, including the project site. The City relies heavily on groundwater sources for its water supply. The project site is currently developed and is almost entirely covered with impervious surfaces. Implementation of the proposed project would result in redevelopment of the substation site, resulting in a similar amount of impervious surfaces when compared to existing conditions. As the project site is predominantly impervious, only nominal runoff currently infiltrates into the groundwater. Thus, the proposed project would not significantly interfere with groundwater recharge or impede the sustainable groundwater management of the basin. This is considered a less than significant impact.

**Mitigation Measures:** No mitigation measures are necessary.

### 4.11 LAND USE AND PLANNING

	Potentially Significant Impact	Less than Significant w/ Mitigation Incorporated	Less than Significant Impact	No Impact
<b>LAND USE AND PLANNING – Would the project:</b>				
a) Physically divide an established community?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
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?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

**Discussion**

**a. *Would the project physically divide an established community?***

**No Impact:** The substation site is in an area that is developed primarily with commercial and medical uses. Surrounding land uses include commercial buildings to the north, medical buildings to the east and south, and medical and commercial buildings and an assisted living facility to the west. There are no established residential communities in the immediate vicinity of the project site. The nearest residential uses to the substation site are located east of South Buena Vista Street and north of West Olive Avenue. The proposed underground transmission cables would be installed from inside the substation to go across both South Naomi Street and West Willow Street in the public right-of-way past the property line and routed within public right-of-way of North and South Frederic Street, West Olive Avenue, West Verdugo Avenue, North California Street, and West Alameda Avenue. These affected roadways are adjacent to commercial, industrial, and residential uses and potential partial roadway closures may occur. However, a traffic control plan would be implemented during temporary construction activities in roadways, as such, this would be a temporary impact and the transmission cables would be located underground. Therefore, implementation of the proposed project would not physically divide an established community and no impact would occur.

**Mitigation Measures:** No mitigation measures are necessary.

**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?***

**No Impact:** The proposed project is consistent with the Burbank 2035 General Plan land use designation and the Burbank Zoning Code. The Burbank 2035 General Plan land use designation for the substation site and surrounding area is Media District Commercial. The Media District Commercial area is a regional employment center comprised of a variety of media-oriented and commercial uses (City of Burbank 2013a). Pursuant to Section 10-1-502 of the Burbank Municipal Code, a public utility facility is a permitted use in the Media District

General Business (MDC-3) zone. The proposed underground transmission cables would be installed underground within existing public roadway right-of-way and would not impact adjacent land uses or properties. The proposed project would not conflict with any applicable land use plan, policy, or regulation of an agency with jurisdiction over the project. Therefore, no impact is identified for this issue area.

**Mitigation Measures:** No mitigation measures are necessary.

## 4.12 MINERAL RESOURCES

	Potentially Significant Impact	Less than Significant w/ Mitigation Incorporated	Less than Significant Impact	No Impact
<b>MINERAL RESOURCES – Would the project:</b>				
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?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
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?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

### Discussion

**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?**

**No Impact:** According to Exhibit OSC-2: Mineral Resource Zones of the Burbank 2035 General Plan, the project site is located in an area designated Mineral Resource Zone-2 (MRZ-2), which is defined as an area where mineral resources may be present (City of Burbank 2013a). However, past land use changes to accommodate planned urbanization now preclude mining activities in Burbank. Future mining activities could not occur without destroying large areas of the city. Although there is a possibility that significant mineral resources could be located with the MRZ-2 area, mining would not be feasible. Therefore, Burbank is not considered to be a potential future source of mineral resources (City of Burbank 2013a). Based on this context, the proposed project would not 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. No impact is identified for this issue area.

**Mitigation Measures:** No mitigation measures are necessary.

**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?**

**No Impact:** Please refer to Response 4.12(a) above.

**Mitigation Measures:** No mitigation measures are necessary.

### 4.13 NOISE

	Potentially Significant Impact	Less than Significant w/ Mitigation Incorporated	Less than Significant Impact	No Impact
<b>NOISE – Would the project:</b>				
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?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b) Generation of excessive groundborne vibration or groundborne noise levels?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
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?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

**Discussion**

- 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?***

**Less than Significant Impact:** Construction noise, although temporary, can be a source of concern for sensitive receptors, such as nearby residences. Construction is anticipated to take approximately 24 months. Construction of the project will require the use of heavy equipment that may be periodically audible at off-site locations. Received sound levels will fluctuate, depending on the construction activity, equipment type, and distance between noise source and receiver. Additionally, sound from construction equipment will vary dependent on the construction phase and the number and class of equipment at a location at any given time.

The noisiest activities for the proposed project would be during the site clearing and grading phases when graders, loaders, and dozers would be used. The construction equipment associated with these activities would generate noise levels of up to 85 dBA L<sub>max</sub> at 50 feet. Although unlikely, two pieces of construction equipment could operate at their maximum noise level simultaneously. For every doubling of acoustic energy the noise level, measured in dBA, increases by 3. Therefore, two pieces of equipment, each operating at a noise level of 85 dBA, would generate a noise level of 88 dBA L<sub>max</sub> at 50 feet.

In the City of Burbank, construction noise that occurs between the hours of 7 a.m. and 7 p.m. Monday through Friday and 8 a.m. to 5 p.m. on Saturday is exempt from applicable noise standards. Therefore, project-related construction activities will not expose persons in the vicinity of the proposed project site to noise levels in excess of standards established by the City.

The proposed transformers at the substation will generate only minimal operational noise and anticipated to be similar to existing operations. Operation and cooling fans may emit noticeable noise within the enclosed substation. However, no sensitive noise receptors are located immediately adjacent to the substation site. Therefore, a less than significant impact is identified for this issue area.

**Mitigation Measures:**

***b. Generation of excessive groundborne vibration or groundborne noise levels?***

**Less than Significant Impact:** Construction activities on the project site may produce groundborne vibration or groundborne noise levels during earthwork/grading and/or during the operation of heavy machinery. Construction activities generate groundborne vibration when heavy equipment travels over unpaved surfaces or when it is engaged in soil movement. The effects of groundborne vibration include discernible movement of building floors, rattling of windows, shaking of items on shelves or hanging on walls, and rumbling sounds. Vibration-related problems generally occur due to resonances in the structural components of a building because structures amplify groundborne vibration.

To assess potential vibration impacts from construction, this analysis used the methodology contained in Section 7.2 of the FTA manual (FTA 2018). Vibration source levels for a variety of typical construction equipment types are outlined in Table 7-4 of the FTA manual in terms of PPV in inches per second at a reference distance of 25 feet from the source (FTA 2018). For this analysis, the source of typical vibration levels for a vibratory roller was utilized. As pile driving is not required, the highest reference peak particle velocity (PPV) for the proposed project would be 0.210 inches per second (in/sec) associated with on-site vibration rollers (FTA 2018). The topography of the site is relatively flat and soils are suitable for grading; therefore, grading activities required for the project construction are not extensive and ground vibration is anticipated to be minimal. The closest sensitive receptors to the project site are residences located along North Frederic Street and North California Street at a distance of approximately 50 feet. At these locations, distance attenuation would reduce the construction vibration levels from the proposed project to 0.098 in/sec. Although perceptible, this level is far below the 0.2 in/sec threshold at which there is a risk of architectural damage to normal dwelling houses. Long-term operation of the proposed project is not anticipated to result in perceptible levels of groundborne vibration or groundborne noise. Therefore, a less than significant impact is identified for this issue area.

**Mitigation Measures:**

- 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 Impact:** The proposed project is not located within 2 miles of a public airport, public use airport, or private airstrip. The nearest public airport is Bob Hope Airport, located approximately 2.6 miles north of the substation site and 2.2 miles north of the most northern extent of the proposed 69kV line on West Verdugo Avenue. Therefore, the proposed project would not expose people residing or working in the project area to excessive noise levels and no impact would occur.

**Mitigation Measures:** No mitigation measures are necessary.

### 4.14 POPULATION AND HOUSING

	Potentially Significant Impact	Less than Significant w/ Mitigation Incorporated	Less than Significant Impact	No Impact
<b>POPULATION AND HOUSING – Would the project:</b>				
a) Induce substantial unplanned population growth in an area, either directly (e.g., by proposing new homes and businesses) or indirectly (e.g., by extension of roads or other infrastructure)?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
b) Displace substantial numbers of existing people or housing, necessitating the construction of replacement housing elsewhere?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

**Discussion**

- 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)?***

**No Impact:** The proposed project involves the construction and operation of a substation, and installation of new underground transmission cables. The proposed project would not induce population growth as no new residential uses are proposed. Construction and operation of the proposed project would not involve a substantial number of employees. Furthermore, the proposed project would not induce growth through the development of housing or the extension or expansion of major capital infrastructure. No impact is identified for this issue area.

**Mitigation Measures:** No mitigation measures are necessary.

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

**No Impact:** No housing exists on the project site. Therefore, the proposed project would not displace substantial numbers of existing people or housing, necessitating the construction of replacement elsewhere. No impact is identified for this issue area.

**Mitigation Measures:** No mitigation measures are necessary.

### 4.15 PUBLIC SERVICES

	Potentially Significant Impact	Less than Significant w/ Mitigation Incorporated	Less than Significant Impact	No Impact
<b>PUBLIC SERVICES – Would the project:</b>				
a) Result in substantial adverse physical impacts associated with the provision of new or physically altered governmental facilities, need for new or physically altered governmental facilities, the construction of which could cause significant environmental impacts, in order to maintain acceptable service ratios, response times, or other performance objective for any of the public services:				
i. Fire protection?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
ii. Police protection?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
iii. Schools?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
iv. Parks?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

**Discussion**

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

- i. **Less than Significant Impact:** Fire protection and medical response services are provided by the City of Burbank Fire Department (BFD). The BFD is a full-service fire agency that protects over 17.4 square miles, and provides a variety of services including fire suppression, emergency medical services (EMS), fire prevention, hazardous materials response, emergency preparedness, residential and commercial inspections and public education. The project site is served by BFD Station 12 located at 644 N. Hollywood Way approximately 0.83 miles to the northwest. The proposed project would not result in a change of land use and will not result in an increase of BFD services. The proposed project would be constructed pursuant to all applicable standards, thus minimizing potential adverse service calls to the site. Furthermore, the proposed project would receive adequate fire protection service and the project would not result in an increase in the need for fire protection service that would require new or significant fire facilities to be constructed. Additionally, the project would not result in an increase of residents and would not affect the ratio

of residents per fire station. Therefore, a less than significant impact is identified for this issue area.

- ii. **Less than Significant Impact:** Police protection is provided by Burbank Police Department. The Burbank Police Station is located at 200 N Third Street, roughly 2.11 miles east from the substation. The proposed project would not result in a change of land use and would not result in an increase of Burbank Police Department services. The proposed project would not result in an increase of residents, which would affect the ratio of residents per police station. The proposed project includes a block wall along the perimeter of the project site. The wall would deter unauthorized persons from the substation site. Therefore, the proposed project is not anticipated to result in an increase in the need for police protection that would require new or significant police facilities to be constructed. A less than significant impact is identified for this issue area.
- iii. **No Impact:** Burbank Unified School District provides school services for the City of Burbank. The proposed project does not include the development of residential land uses that would result in an increase in population or student generation. Therefore, no impact is identified for this issue area.
- iv. **No Impact:** Because no residential uses are proposed, the proposed project would not increase population, generating an increase in demand on existing public or private parks or other recreational facilities that would either result in or increase physical deterioration of the facility. Therefore, no impact is identified for this issue area.

**Mitigation Measures:** No mitigation measures are necessary.

### 4.16 RECREATION

	Potentially Significant Impact	Less than Significant w/ Mitigation Incorporated	Less than Significant Impact	No Impact
<b>RECREATION – Would the project:</b>				
a) 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?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
b) Include recreational facilities or require the construction or expansion of recreational facilities that might have an adverse physical effect on the environment?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

**Discussion**

- 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?***

**No Impact:** The proposed project is the construction and operation of a substation and installation of new underground transmission cables within public roadway right-of-way. Development of housing is not proposed as part of the project. The proposed project would not increase population, generating an increase in demand on existing public or private parks or other recreational facilities that would either result in or increase physical deterioration of the facility. Therefore, no impact is identified for this issue area.

**Mitigation Measures:** No mitigation measures are necessary.

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

**No Impact:** The proposed project is the construction and operation of a substation and installation of new underground transmission cables within public roadway right-of-way. The proposed project would not include recreational facilities or require the construction or expansion of recreational facilities. Therefore, no impact is identified for this issue area.

**Mitigation Measures:** No mitigation measures are necessary.

### 4.17 TRANSPORTATION

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

**Discussion**

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

**Less than Significant Impact:** The proposed project would result in a minor increase in vehicular trips associated with the arrival of construction workers to the site. The proposed project would require no more than 15 on-site workers on any given day during the construction period. It is anticipated that there would be a maximum of 15 cars traveling back and forth to and from the project site during the 24-month construction period. These trips would be temporary and short-term during project construction. Furthermore, with the completion of project construction, the impact to the area in regard to traffic is negligible because the new substation is not a destination for any reason other than maintenance. Once the proposed project is constructed, approximately two to four workers would be entering the substation site for maintenance activities a couple times a year, and one to two workers would be conducting monthly inspections of the facility. Thus, the proposed project would not substantially increase traffic conditions during construction and operation of the proposed project.

The existing surrounding circulation network would not change with the implementation of the proposed project. Where trenching may occur, temporary detours would be implemented as needed to maintain proper vehicle, bicycle and pedestrian access. As such, the proposed project would not conflict with any adopted policies, plans, or programs regarding public transit, bicycle, or pedestrian facilities, or otherwise decrease the performance of safety of such facilities. Therefore, a less than significant impact is identified for this issue area.

**Mitigation Measures:**

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

**Less than Significant Impact:** Section 15064.3(b) of the CEQA Guidelines provides guidance on determining the significance of transportation impacts and focuses on the use of vehicle miles traveled (VMT), which is defined as the amount and distance of automobile travel associated with a project.

The proposed project would result in a minor increase in vehicular trips associated with the arrival of construction workers to the substation site. The proposed project would require no more than 15 on-site workers on any given day during the construction period. It is anticipated that there would be a maximum of 15 cars traveling back and forth to and from the project site during the 24-month construction period. These trips would be temporary and short-term during project construction. Furthermore, with the completion of project construction, the impact to the area in regard to traffic is negligible because the substation project is not a destination for any reason other than maintenance. Once the proposed project is constructed, approximately two to four workers would be entering the substation site for maintenance activities a couple times a year, and one to two workers would be conducting monthly inspections of the substation. These activities would generate a negligible number of new vehicle trips with no notable growth in VMT. The transportation impact under State CEQA Guidelines section 15064.3(b) would be less than significant.

**Mitigation Measures:** No mitigation measures are necessary.

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

**Less than Significant Impact:** No public roadways are proposed as part of the proposed project. As shown in Figure 3, a 20-foot-wide driveway is proposed along South Naomi Street and another 20-foot-wide driveway is proposed along West Willow Street in order to accommodate vehicular access to the substation. All improvements planned as part of the proposed project would be in conformance with applicable standards set by the City. Furthermore, there are no incompatible uses in the vicinity that could result in any hazardous conditions. Therefore, a less than significant impact is identified for this issue area.

**Mitigation Measures:** No mitigation measures are necessary.

- d.                *Would the project result in inadequate emergency access?***

**Less than Significant Impact:** The project would not result in inadequate emergency access. As shown in Figure 3, a 20-foot-wide driveway is proposed along South Naomi Street and another 20-foot-wide driveway is proposed along West Willow Street in order to accommodate

vehicular access to the substation. The proposed driveways would be required to meet standards imposed by the BFD. Therefore, a less than significant impact is identified for this issue area.

**Mitigation Measures:** No mitigation measures are necessary.

### 4.18 TRIBAL CULTURAL RESOURCES

	Potentially Significant Impact	Less than Significant w/ Mitigation Incorporated	Less than Significant Impact	No Impact
<b>TRIBAL CULTURAL RESOURCES – Would the project cause a substantial adverse change in the significance of a tribal cultural resource defined in Public Resources Code section 21074 as either a site, feature, place, cultural landscape that is geographically defined in terms of the size and scope of the landscape, sacred place, or object with cultural value to a California Native American tribe, and that is:</b>				
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)?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
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?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

**Discussion**

a. ***Would the project cause a substantial adverse change in the significance of a tribal cultural resource defined in Public Resources Code section 21074 as either a site, feature, place, cultural landscape that is geographically defined in terms of the size and scope of the landscape, sacred place, or object with cultural value to a California Native American tribe, and that is:***

- ***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)?***

**No Impact:** No known tribal cultural resources have been identified on-site, including historical tribal cultural resources pursuant to Public Resources Code Section 5020.1(k), otherwise defined as listed in a local register of historical resources. Therefore, no impact is identified for this issue area.

**Mitigation Measures:** No mitigation measures are necessary.

- b. *Would the project cause a substantial adverse change in the significance of a tribal cultural resource defined in Public Resources Code section 21074 as either a site, feature, place, cultural landscape that is geographically defined in terms of the size and scope of the landscape, sacred place, or object with cultural value to a California Native American tribe, and that is:***
- ***a 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?***

**Less than Significant with Mitigation Incorporated:** AB 52 was passed in 2014 and took effect July 1, 2015. It established a new category of environmental resources that must be considered under CEQA called tribal cultural resources (Public Resources Code 21074) and established a process for consulting with Native American tribes and groups regarding those resources. AB 52 requires a lead agency to begin consultation with a California Native American tribe that is traditionally and culturally affiliated with the geographic area of the proposed project.

In accordance with AB 52, the City sent an invitation to consult under AB 52 (PRC 21080.3.1) on August 24, 2021, to Native American tribes who had requested to be informed by the City as the lead agency through formal notification of proposed projects in traditionally and culturally affiliated geographic areas. The Fernandeano Tatavium Band of Mission Indians requested consultation and the City consulted with the tribe on September 14, 2021. The Gabrieleno Band of Mission Indians – Kizh Nation requested consultation and the City consulted with the tribe on September 28, 2021.

Representatives of the Kizh Nation indicated that the project area is included in the Kizh Nation ancestral area and expressed concerns regarding the potential to encounter unknown TCRs (including artifacts, ancestral human remains, and/or grave goods) within the project site during excavation. Given that no cultural resources have been reported within the project site and the project site has been substantially disturbed by grading activities associated with previous development of the substation and roadways, it is not anticipated that implementation of the proposed project would cause a substantial adverse change in the significance of a tribal cultural resource, defined in PRC section 21074 as either a site, feature, place, cultural landscape that is geographically defined in terms of the size and scope of the landscape, sacred place, or object with cultural value to a California Native American tribe. However, Mitigation Measure TCR-1 will require the City to make the project site available to native tribe(s) that have ancestral ties to the region during ground disturbance activities for voluntary monitoring on their own behalf, if requested. It also allows the native tribes to conduct a voluntary Native American Indian Sensitivity Training on their own behalf, if requested, for construction personnel. Further, Mitigation Measure TCR-1 identifies the protocols that must be taken in the event that tribal

cultural resources are inadvertently discovered during ground disturbing activities, such as halting of work within 60 feet of the find until it can be evaluated by a qualified archaeologist, and consultation with tribal groups on the disposition and treatment of any Tribal Cultural Resource encountered during all ground disturbing activities. With implementation of Mitigation Measure TCR-1, This potential impact would be less than significant with implementation of Mitigation Measure TCR-1.

**Mitigation Measures:**

**TCR-1** The City shall be required to make the project site available to native tribe(s) that have ancestral ties to the region during ground disturbance activities for voluntary monitoring on their own behalf, if requested, including the Gabrieleño Band of Mission Indians Kizh Nation, the Fernandeano Tataviam Band of Mission Indians, and any other tribe with ancestral ties to the region, as established by the Native American Heritage Commission.

Prior to the issuance of a demolition or grading permit(s), the Native American tribe(s) can conduct a voluntary Native American Indian Sensitivity Training on their own behalf, if requested, for construction personnel. The training session can include a handout and focus on how to identify Native American resources encountered during earthmoving activities and the procedures followed if resources are discovered.

In the event that tribal cultural resources are inadvertently discovered during ground disturbing activities, work must be halted within 60 feet of the find until it can be evaluated by a qualified archaeologist retained by the City. The qualified archaeologist shall meet the Secretary of the Interior's Professional Qualification Standards for archaeology to determine if the potential resource meets the CEQA definition of historical (State CEQA Guidelines 15064.5(a)) and/or unique resource (Public Resources Code 21083.2(g)). The City shall, in good faith, consult with the consulting tribal groups (the Gabrieleño Band of Mission Indians-Kizh Nation and the Fernandeano Tataviam Band of Mission Indians) on the disposition and treatment of any Tribal Cultural Resource encountered during all ground disturbing activities. Construction activities can continue in other areas. If the find is considered an "archeological resource" the qualified archaeologist shall pursue either protection in place or recovery, salvage and treatment of the deposits. Recovery, salvage, and treatment protocols shall be developed in accordance with applicable provisions of Public Resource Code Section 21083.2 and State CEQA Guidelines 15064.5 and 15126.4. If a tribal cultural resource cannot be preserved in place or left in an undisturbed state, recovery, salvage, and treatment shall be required at the City's expense. All recovered and salvaged resources shall be prepared to the point of identification and permanent preservation in an established accredited professional repository.

### 4.19 UTILITIES AND SERVICE SYSTEMS

	Potentially Significant Impact	Less than Significant w/ Mitigation Incorporated	Less than Significant Impact	No Impact
<b>UTILITIES AND SERVICE SYSTEMS – Would the project:</b>				
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?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b) Have sufficient water supplies available to serve the project and reasonably foreseeable future development during normal, dry and multiple dry years?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
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?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
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?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
e) Comply with federal, state, and local management and reduction statutes and regulations related to solid waste?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

**Discussion**

**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?***

**Less than Significant Impact.** The project site is located in an urbanized area with adequate water, wastewater treatment, storm water drainage, electric power, natural gas, and telecommunications facilities. The proposed project involves the demolition of the existing substation with a new substation on the same site. The new substation would result in a similar demand for utilities and service systems as the existing substation. The proposed project would not require the construction or relocation of new water, wastewater treatment, storm water drainage, natural gas, or telecommunications facilities.

The proposed project would involve installation of new underground transmission cables within public roadway right-of-way and would be located within developed areas that already contain existing overhead and underground transmission and distribution lines. The proposed project would not otherwise generate additional demand resulting in the construction or relocation of new power electric power facilities. Therefore, a less than significant impact is identified for this issue area.

**Mitigation Measures:** No mitigation measures are necessary.

- 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?***

**Less than Significant Impact:** A significant impact would occur if the proposed project would increase water consumption to such a degree that new water sources would need to be identified. In June 2016, BWP adopted a 2015 Urban Water Management Plan, which documents projected population growth through 2040 and the availability of water to serve that population. BWP's potable water supply is composed of surface water resources provided by the Metropolitan Water District (MWD) and groundwater resources. MWD stated, through its 2015 UWMP, that it has adequate supplies for its service area through 2040 (BWP 2016). The proposed project would not induce population growth as no new residential uses are proposed. Therefore, the proposed project would not require new and expanded entitlements. During operations, the substation would require limited water resources for the maintenance of perimeter landscaping and for the restroom facility. Therefore, a less than significant impact is identified for this issue area.

**Mitigation Measures:** No mitigation measures are necessary.

- 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?***

**Less than Significant Impact:** The proposed project involves the demolition of the existing substation with a new substation on the same site. The new substation would result in a similar demand for wastewater treatment as the existing substation. The proposed project would not induce population growth as no new residential uses are proposed. Therefore, the proposed project would not require new and expanded entitlements. Therefore, a less than significant impact is identified for this issue area.

**Mitigation Measures:** No mitigation measures are necessary.

- 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?***

**Less than Significant Impact:** During construction of the proposed project, solid waste generation would be minor. Due to the minimal amount of workers required to operate and maintain the facility, a nominal amount of solid waste is anticipated during operation of the proposed project. The City of Burbank owns and operates the Burbank Landfill Site No. 3, and sufficient capacity exists to accommodate the proposed project. According to the California Department of Resources Recycling and Recovery (CalRecycle), the Burbank Landfill has a remaining capacity of 5,174,362 cubic yards and a closure date of 2053 (CalRecycle 2021). As such, there is sufficient permitted capacity to accommodate the amount of waste associated with the project. Therefore, a less than significant impact is identified for this issue area.

**Mitigation Measures:** No mitigation measures are necessary.

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

**Less than Significant Impact:** During construction and operation of the proposed project, solid waste generation would be minor. The proposed project would continue to comply with federal, state and local regulations related to solid waste and recycling. A less than significant impact is identified for this issue area.

**Mitigation Measures:** No mitigation measures are necessary.

## 4.20 WILDFIRE

	Potentially Significant Impact	Less than Significant w/ Mitigation Incorporated	Less than Significant Impact	No Impact
<b>WILDFIRE – If located in or near state responsibility areas or lands classified as very high fire hazard severity zones, would the project:</b>				
a) Substantially impair an adopted emergency response plan or emergency evacuation plan?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
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?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
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?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
d) Expose people or structures to significant risks, including downslope or downstream flooding or landslides, as a result of runoff, post-fire slope instability, or drainage changes?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

### Discussion

**a. Substantially impair an adopted emergency response plan or emergency evacuation plan?**

**No Impact:** According to the Draft Fire Hazard Severity Zone Map for Los Angeles County prepared by the California Department of Forestry and Fire Protection, the project site is not located in or near state responsibility areas or lands classified as very high hazard severity zones (California Department of Forestry and Fire Protection 2007). Therefore, the proposed project would not substantially impair an adopted emergency response plan or emergency evacuation plan. No impact is identified for this issue area.

**Mitigation Measures:** No mitigation measures are necessary.

**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?**

**No Impact:** The project site is not located in or near state responsibility areas or lands classified as very high hazard severity zones (California Department of Forestry and Fire Protection 2007). Therefore, the proposed project would not exacerbate wildfire risks. No impact is identified for this issue area.

**Mitigation Measures:** No mitigation measures are necessary.

- 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?***

**No Impact:** The project site is not located in or near state responsibility areas or lands classified as very high hazard severity zones (California Department of Forestry and Fire Protection 2007). The proposed project would result in fire risk that would be comparable to that of the existing substation that is being replaced. The substation site would continue to be adequately supported by the existing fire protection services. In addition, operation and maintenance would not affect the ability of fire personnel to respond to fires. The proposed project would not exacerbate fire risk. No impact is identified for this issue area.

**Mitigation Measures:** No mitigation measures are necessary.

- d. ***Expose people or structures to significant risks, including downslope or downstream flooding or landslides, as a result of runoff, post-fire slope instability, or drainage changes?***

**No Impact:** The project site is not located in or near state responsibility areas or lands classified as very high hazard severity zones (California Department of Forestry and Fire Protection 2007). The proposed project would not expose people or structures to significant risks, including downslope or downstream flooding or landslides, as a result of runoff, post-fire slope instability, or drainage changes. No impact is identified for this issue area.

**Mitigation Measures:** No mitigation measures are necessary.

### 4.21 MANDATORY FINDINGS OF SIGNIFICANCE

	Potentially Significant Impact	Less than Significant w/ Mitigation Incorporated	Less than Significant Impact	No Impact
<b>MANDATORY FINDINGS OF SIGNIFICANCE</b>				
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?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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)?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
c) Does the project have environmental effects that will cause substantial adverse effects on human beings, either directly or indirectly?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

**Discussion**

- 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?***

**Less than Significant Impact with Mitigation:** As discussed in Response 4.4(a), due to the developed nature of the project site, the proposed project would not impact any habitat that supports species identified as candidate, sensitive or special status in local, regional plans, policies, or regulations by the California Department of Fish and Wildlife or U.S. Fish and Wildlife Service. However, the project involves the removal of one tree on West Willow Street and trimming a neighboring property tree. Construction and tree removal during the breeding season for migratory birds (February 1 – August 31), have the potential to impact bird species

protected under the Migratory Bird Treaty Act. However, implementation of Mitigation Measure BIO-1 would ensure that this potential impact would be reduced to a level less than significant.

As discussed in Responses 4.5(a)-(c), the proposed project would not result in significant impacts to cultural resources. Therefore, the proposed project would not eliminate examples of the major periods of California history or prehistory.

**Mitigation Measures:** Mitigation Measure BIO-1.

- 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)?**

**Less than Significant Impact:** Based on the analysis contained in this Initial Study, the proposed project would not result in significant impacts to aesthetics, agricultural and forestry resources, air quality, cultural resources, geology and soils, greenhouse gas emissions, hydrology and water quality, land use and planning, mineral resources, noise, population and housing, public services, recreation, transportation, and utilities and service systems.

Mitigation measures for biological resources, hazards and hazardous materials and tribal cultural resources would reduce potential impacts to a level less than significant.

The proposed project could incrementally contribute to cumulative impacts for projects occurring within the vicinity of the project. However, implementation of mitigation measures would ensure that no residually significant impacts would result with implementation of the project either directly or indirectly. In the absence of residually significant impacts, the incremental accumulation of effects would not be cumulatively considerable. Therefore, a finding of less than significant is identified for this issue area.

**Mitigation Measures:** No mitigation measures are necessary.

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

**Less than Significant Impact:** Based on the analysis contained in this Initial Study, all impacts related to the proposed project would be reduced to a level less than significant with implementation of mitigation measures. There would not be any long-term environmental effects, which would cause substantial adverse effects on human beings, either directly or indirectly. Any effects related to construction of the proposed project would be temporary and short-term (a matter of months while the project is constructed) and would not result in any long-term or permanent effects on human beings. Any environmental effects would be less than significant, as noted in the prior sections of this Initial Study.

**Mitigation Measures:** No mitigation measures are necessary.

## 5.0 REFERENCES

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The following documents and information were used in the preparation of this Initial Study:

Burbank Water and Power. 2016. 2015 Urban Water Management Plan.

California Department of Forestry and Fire Protection. 2007. Fire Hazard Severity Zones in SRA – Los Angeles County. Available on-line at [https://osfm.fire.ca.gov/media/6705/fhszs\\_map19.pdf](https://osfm.fire.ca.gov/media/6705/fhszs_map19.pdf)

City of Burbank. 2018. 2019 Integrated Resource Plan. Available on-line at [https://www.burbankwaterandpower.com/images/administrative/downloads/CityCouncilApproved\\_2019\\_Integrated\\_Resource\\_Plan\\_DIGITAL.pdf](https://www.burbankwaterandpower.com/images/administrative/downloads/CityCouncilApproved_2019_Integrated_Resource_Plan_DIGITAL.pdf)

City of Burbank. 2013a. Burbank 2035 General Plan. Adopted February 19, 2013.

City of Burbank. 2013b. Burbank2035 General Plan Environmental Impact Report. Adopted February 19, 2013.

City of Burbank. 1999. City of Burbank Historic Preservation Plan. November 1999.

City of Burbank, City of Burbank Municipal Code.

EFI Global. 2021. Limited Asbestos and Lead-Based Paint Assessment for the Willow Substation Project.

HDR. 2021. Phase I Environmental Site Assessment for the Willow Substation Project.

HDR. 2021. Phase II Technical Memorandum for the Naomi/Willow Substation Project.

South Coast Air Quality Management District (SCAQMD). 2008. Final Localized Significance Threshold Methodology. <http://www.aqmd.gov/docs/default-source/ceqa/handbook/localized-significance-thresholds/final-lst-methodology-document.pdf?sfvrsn=2>. Accessed August 2021.

South Coast Air Quality Management District (SCAQMD). 2017. Final 2016 Air Quality Management Plan. March 2017.

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## 6.0 LIST OF PREPARERS

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### ***INITIAL STUDY PREPARATION***

#### ***LEAD AGENCY***

##### **City of Burbank**

Water and Power  
164 W. Magnolia Boulevard  
Burbank, California 91502

#### ***CEQA CONSULTANT***

##### **HDR**

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Anders Burvall, Senior GIS Analyst  
Katherine Turner, Document Production Administrator

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# Appendix A

## CalEEMod Air Quality Emissions Worksheets

Willow Substation - South Coast AQMD Air District, Annual

**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**

**Willow Substation**

**South Coast AQMD Air District, Annual**

**1.0 Project Characteristics**

**1.1 Land Usage**

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Other Asphalt Surfaces	1.05	Acre	1.05	45,738.00	0

**1.2 Other Project Characteristics**

<b>Urbanization</b>	Urban	<b>Wind Speed (m/s)</b>	2.2	<b>Precipitation Freq (Days)</b>	31
<b>Climate Zone</b>	12			<b>Operational Year</b>	2025
<b>Utility Company</b>	Burbank Water & Power				
<b>CO2 Intensity (lb/MWhr)</b>	929.98	<b>CH4 Intensity (lb/MWhr)</b>	0.033	<b>N2O Intensity (lb/MWhr)</b>	0.004

**1.3 User Entered Comments & Non-Default Data**

Project Characteristics -

Land Use - total on-site and off-site area of disturbance

Construction Phase - construction duration is winter 2022 to spring 2024

Off-road Equipment -

Off-road Equipment - .

Trips and VMT - .

Grading - on-site area of disturbance

Construction Off-road Equipment Mitigation - compliance with SCAQMD rule 403

Table Name	Column Name	Default Value	New Value
tblConstructionPhase	NumDays	2.00	20.00
tblConstructionPhase	NumDays	4.00	20.00

Willow Substation - South Coast AQMD Air District, Annual

**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**

tblConstructionPhase	NumDays	10.00	20.00
tblGrading	AcresOfGrading	20.00	0.39
tblGrading	AcresOfGrading	18.75	0.39
tblTripsAndVMT	HaulingTripNumber	0.00	20.00
tblTripsAndVMT	VendorTripNumber	0.00	7.00

**2.0 Emissions Summary**

**2.1 Overall Construction**

**Unmitigated Construction**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2022	0.0339	0.3487	0.2375	4.8000e-004	0.0679	0.0161	0.0840	0.0364	0.0150	0.0513	0.0000	42.4561	42.4561	0.0115	1.5000e-004	42.7890
2023	0.2045	1.5824	1.6948	3.2200e-003	0.0787	0.0679	0.1467	0.0347	0.0654	0.1001	0.0000	270.7743	270.7743	0.0433	2.7000e-003	272.6633
2024	0.0494	0.3773	0.4608	8.5000e-004	8.1900e-003	0.0155	0.0237	2.2000e-003	0.0148	0.0171	0.0000	71.3478	71.3478	0.0124	6.3000e-004	71.8464
<b>Maximum</b>	<b>0.2045</b>	<b>1.5824</b>	<b>1.6948</b>	<b>3.2200e-003</b>	<b>0.0787</b>	<b>0.0679</b>	<b>0.1467</b>	<b>0.0364</b>	<b>0.0654</b>	<b>0.1001</b>	<b>0.0000</b>	<b>270.7743</b>	<b>270.7743</b>	<b>0.0433</b>	<b>2.7000e-003</b>	<b>272.6633</b>

**Mitigated Construction**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
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Willow Substation - South Coast AQMD Air District, Annual

**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**

Year	tons/yr										MT/yr					
2022	0.0339	0.3487	0.2375	4.8000e-004	0.0281	0.0161	0.0442	0.0146	0.0150	0.0296	0.0000	42.4561	42.4561	0.0115	1.5000e-004	42.7890
2023	0.2045	1.5824	1.6948	3.2200e-003	0.0492	0.0679	0.1172	0.0185	0.0654	0.0839	0.0000	270.7740	270.7740	0.0433	2.7000e-003	272.6630
2024	0.0494	0.3773	0.4608	8.5000e-004	8.1900e-003	0.0155	0.0237	2.2000e-003	0.0148	0.0171	0.0000	71.3477	71.3477	0.0124	6.3000e-004	71.8463
<b>Maximum</b>	<b>0.2045</b>	<b>1.5824</b>	<b>1.6948</b>	<b>3.2200e-003</b>	<b>0.0492</b>	<b>0.0679</b>	<b>0.1172</b>	<b>0.0185</b>	<b>0.0654</b>	<b>0.0839</b>	<b>0.0000</b>	<b>270.7740</b>	<b>270.7740</b>	<b>0.0433</b>	<b>2.7000e-003</b>	<b>272.6630</b>

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
<b>Percent Reduction</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>44.75</b>	<b>0.00</b>	<b>27.23</b>	<b>51.76</b>	<b>0.00</b>	<b>22.51</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>

Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
1	11-1-2022	1-31-2023	0.5478	0.5478
2	2-1-2023	4-30-2023	0.4324	0.4324
3	5-1-2023	7-31-2023	0.4466	0.4466
4	8-1-2023	10-31-2023	0.4468	0.4468
5	11-1-2023	1-31-2024	0.4388	0.4388
6	2-1-2024	4-30-2024	0.2826	0.2826
		<b>Highest</b>	<b>0.5478</b>	<b>0.5478</b>

**2.2 Overall Operational**

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
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Willow Substation - South Coast AQMD Air District, Annual

**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**

Category	tons/yr										MT/yr					
Area	3.5900e-003	0.0000	1.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	3.0000e-005	3.0000e-005	0.0000	0.0000	3.0000e-005
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Waste						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Water						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
<b>Total</b>	<b>3.5900e-003</b>	<b>0.0000</b>	<b>1.0000e-005</b>	<b>0.0000</b>	<b>3.0000e-005</b>	<b>3.0000e-005</b>	<b>0.0000</b>	<b>0.0000</b>	<b>3.0000e-005</b>							

**Mitigated Operational**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	3.5900e-003	0.0000	1.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	3.0000e-005	3.0000e-005	0.0000	0.0000	3.0000e-005
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Waste						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Water						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
<b>Total</b>	<b>3.5900e-003</b>	<b>0.0000</b>	<b>1.0000e-005</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>3.0000e-005</b>	<b>3.0000e-005</b>	<b>0.0000</b>	<b>0.0000</b>	<b>3.0000e-005</b>

Willow Substation - South Coast AQMD Air District, Annual

**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

**3.0 Construction Detail**

**Construction Phase**

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	11/1/2022	11/28/2022	5	20	
2	Site Preparation	Site Preparation	11/29/2022	12/26/2022	5	20	
3	Grading	Grading	12/27/2022	1/23/2023	5	20	
4	Trenching	Trenching	1/24/2023	3/18/2024	5	300	
5	Paving	Paving	3/19/2024	4/15/2024	5	20	

**Acres of Grading (Site Preparation Phase): 0.39**

**Acres of Grading (Grading Phase): 0.39**

**Acres of Paving: 1.05**

**Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 0 (Architectural Coating –**

**OffRoad Equipment**

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition	Rubber Tired Dozers	1	8.00	247	0.40
Demolition	Tractors/Loaders/Backhoes	3	8.00	97	0.37
Site Preparation	Graders	1	8.00	187	0.41
Site Preparation	Rubber Tired Dozers	1	7.00	247	0.40
Site Preparation	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Grading	Graders	1	8.00	187	0.41

Willow Substation - South Coast AQMD Air District, Annual

**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**

Grading	Rubber Tired Dozers	1	8.00	247	0.40
Grading	Tractors/Loaders/Backhoes	2	7.00	97	0.37
Trenching	Cranes	1	6.00	231	0.29
Trenching	Forklifts	1	6.00	89	0.20
Trenching	Generator Sets	1	8.00	84	0.74
Trenching	Tractors/Loaders/Backhoes	1	6.00	97	0.37
Trenching	Welders	3	8.00	46	0.45
Paving	Cement and Mortar Mixers	1	6.00	9	0.56
Paving	Pavers	1	6.00	130	0.42
Paving	Paving Equipment	1	8.00	132	0.36
Paving	Rollers	1	7.00	80	0.38
Paving	Tractors/Loaders/Backhoes	1	8.00	97	0.37

**Trips and VMT**

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	5	13.00	0.00	20.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	3	8.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Grading	4	10.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Trenching	7	18.00	7.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Paving	5	13.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

**3.1 Mitigation Measures Construction**

Water Exposed Area

**3.2 Demolition - 2022**

**Unmitigated Construction On-Site**

Willow Substation - South Coast AQMD Air District, Annual

**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0169	0.1662	0.1396	2.4000e-004		8.3800e-003	8.3800e-003		7.8300e-003	7.8300e-003	0.0000	21.0777	21.0777	5.3700e-003	0.0000	21.2120
<b>Total</b>	<b>0.0169</b>	<b>0.1662</b>	<b>0.1396</b>	<b>2.4000e-004</b>		<b>8.3800e-003</b>	<b>8.3800e-003</b>		<b>7.8300e-003</b>	<b>7.8300e-003</b>	<b>0.0000</b>	<b>21.0777</b>	<b>21.0777</b>	<b>5.3700e-003</b>	<b>0.0000</b>	<b>21.2120</b>

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	4.0000e-005	1.6400e-003	3.8000e-004	1.0000e-005	1.7000e-004	1.0000e-005	1.9000e-004	5.0000e-005	1.0000e-005	6.0000e-005	0.0000	0.6023	0.6023	3.0000e-005	1.0000e-004	0.6316
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	4.4000e-004	3.5000e-004	4.6100e-003	1.0000e-005	1.4300e-003	1.0000e-005	1.4300e-003	3.8000e-004	1.0000e-005	3.9000e-004	0.0000	1.1532	1.1532	3.0000e-005	3.0000e-005	1.1633
<b>Total</b>	<b>4.8000e-004</b>	<b>1.9900e-003</b>	<b>4.9900e-003</b>	<b>2.0000e-005</b>	<b>1.6000e-003</b>	<b>2.0000e-005</b>	<b>1.6200e-003</b>	<b>4.3000e-004</b>	<b>2.0000e-005</b>	<b>4.5000e-004</b>	<b>0.0000</b>	<b>1.7555</b>	<b>1.7555</b>	<b>6.0000e-005</b>	<b>1.3000e-004</b>	<b>1.7949</b>

**Mitigated Construction On-Site**

Willow Substation - South Coast AQMD Air District, Annual

**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0169	0.1662	0.1396	2.4000e-004		8.3800e-003	8.3800e-003		7.8300e-003	7.8300e-003	0.0000	21.0777	21.0777	5.3700e-003	0.0000	21.2119
<b>Total</b>	<b>0.0169</b>	<b>0.1662</b>	<b>0.1396</b>	<b>2.4000e-004</b>		<b>8.3800e-003</b>	<b>8.3800e-003</b>		<b>7.8300e-003</b>	<b>7.8300e-003</b>	<b>0.0000</b>	<b>21.0777</b>	<b>21.0777</b>	<b>5.3700e-003</b>	<b>0.0000</b>	<b>21.2119</b>

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	4.0000e-005	1.6400e-003	3.8000e-004	1.0000e-005	1.7000e-004	1.0000e-005	1.9000e-004	5.0000e-005	1.0000e-005	6.0000e-005	0.0000	0.6023	0.6023	3.0000e-005	1.0000e-004	0.6316
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	4.4000e-004	3.5000e-004	4.6100e-003	1.0000e-005	1.4300e-003	1.0000e-005	1.4300e-003	3.8000e-004	1.0000e-005	3.9000e-004	0.0000	1.1532	1.1532	3.0000e-005	3.0000e-005	1.1633
<b>Total</b>	<b>4.8000e-004</b>	<b>1.9900e-003</b>	<b>4.9900e-003</b>	<b>2.0000e-005</b>	<b>1.6000e-003</b>	<b>2.0000e-005</b>	<b>1.6200e-003</b>	<b>4.3000e-004</b>	<b>2.0000e-005</b>	<b>4.5000e-004</b>	<b>0.0000</b>	<b>1.7555</b>	<b>1.7555</b>	<b>6.0000e-005</b>	<b>1.3000e-004</b>	<b>1.7949</b>

**3.3 Site Preparation - 2022**

**Unmitigated Construction On-Site**

Willow Substation - South Coast AQMD Air District, Annual

**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0529	0.0000	0.0529	0.0290	0.0000	0.0290	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0131	0.1463	0.0709	1.7000e-004		6.2300e-003	6.2300e-003		5.7300e-003	5.7300e-003	0.0000	15.1153	15.1153	4.8900e-003	0.0000	15.2375
<b>Total</b>	<b>0.0131</b>	<b>0.1463</b>	<b>0.0709</b>	<b>1.7000e-004</b>	<b>0.0529</b>	<b>6.2300e-003</b>	<b>0.0591</b>	<b>0.0290</b>	<b>5.7300e-003</b>	<b>0.0347</b>	<b>0.0000</b>	<b>15.1153</b>	<b>15.1153</b>	<b>4.8900e-003</b>	<b>0.0000</b>	<b>15.2375</b>

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.7000e-004	2.2000e-004	2.8300e-003	1.0000e-005	8.8000e-004	1.0000e-005	8.8000e-004	2.3000e-004	0.0000	2.4000e-004	0.0000	0.7097	0.7097	2.0000e-005	2.0000e-005	0.7159
<b>Total</b>	<b>2.7000e-004</b>	<b>2.2000e-004</b>	<b>2.8300e-003</b>	<b>1.0000e-005</b>	<b>8.8000e-004</b>	<b>1.0000e-005</b>	<b>8.8000e-004</b>	<b>2.3000e-004</b>	<b>0.0000</b>	<b>2.4000e-004</b>	<b>0.0000</b>	<b>0.7097</b>	<b>0.7097</b>	<b>2.0000e-005</b>	<b>2.0000e-005</b>	<b>0.7159</b>

**Mitigated Construction On-Site**

Willow Substation - South Coast AQMD Air District, Annual

**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0206	0.0000	0.0206	0.0113	0.0000	0.0113	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0131	0.1463	0.0709	1.7000e-004		6.2300e-003	6.2300e-003		5.7300e-003	5.7300e-003	0.0000	15.1153	15.1153	4.8900e-003	0.0000	15.2375
<b>Total</b>	<b>0.0131</b>	<b>0.1463</b>	<b>0.0709</b>	<b>1.7000e-004</b>	<b>0.0206</b>	<b>6.2300e-003</b>	<b>0.0269</b>	<b>0.0113</b>	<b>5.7300e-003</b>	<b>0.0170</b>	<b>0.0000</b>	<b>15.1153</b>	<b>15.1153</b>	<b>4.8900e-003</b>	<b>0.0000</b>	<b>15.2375</b>

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.7000e-004	2.2000e-004	2.8300e-003	1.0000e-005	8.8000e-004	1.0000e-005	8.8000e-004	2.3000e-004	0.0000	2.4000e-004	0.0000	0.7097	0.7097	2.0000e-005	2.0000e-005	0.7159
<b>Total</b>	<b>2.7000e-004</b>	<b>2.2000e-004</b>	<b>2.8300e-003</b>	<b>1.0000e-005</b>	<b>8.8000e-004</b>	<b>1.0000e-005</b>	<b>8.8000e-004</b>	<b>2.3000e-004</b>	<b>0.0000</b>	<b>2.4000e-004</b>	<b>0.0000</b>	<b>0.7097</b>	<b>0.7097</b>	<b>2.0000e-005</b>	<b>2.0000e-005</b>	<b>0.7159</b>

**3.4 Grading - 2022**

**Unmitigated Construction On-Site**

Willow Substation - South Coast AQMD Air District, Annual

**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0123	0.0000	0.0123	6.6400e-003	0.0000	6.6400e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	3.0800e-003	0.0340	0.0184	4.0000e-005		1.4800e-003	1.4800e-003		1.3700e-003	1.3700e-003	0.0000	3.6205	3.6205	1.1700e-003	0.0000	3.6498
<b>Total</b>	<b>3.0800e-003</b>	<b>0.0340</b>	<b>0.0184</b>	<b>4.0000e-005</b>	<b>0.0123</b>	<b>1.4800e-003</b>	<b>0.0137</b>	<b>6.6400e-003</b>	<b>1.3700e-003</b>	<b>8.0100e-003</b>	<b>0.0000</b>	<b>3.6205</b>	<b>3.6205</b>	<b>1.1700e-003</b>	<b>0.0000</b>	<b>3.6498</b>

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	7.0000e-005	5.0000e-005	7.1000e-004	0.0000	2.2000e-004	0.0000	2.2000e-004	6.0000e-005	0.0000	6.0000e-005	0.0000	0.1774	0.1774	0.0000	0.0000	0.1790
<b>Total</b>	<b>7.0000e-005</b>	<b>5.0000e-005</b>	<b>7.1000e-004</b>	<b>0.0000</b>	<b>2.2000e-004</b>	<b>0.0000</b>	<b>2.2000e-004</b>	<b>6.0000e-005</b>	<b>0.0000</b>	<b>6.0000e-005</b>	<b>0.0000</b>	<b>0.1774</b>	<b>0.1774</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.1790</b>

**Mitigated Construction On-Site**

Willow Substation - South Coast AQMD Air District, Annual

**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					4.7800e-003	0.0000	4.7800e-003	2.5900e-003	0.0000	2.5900e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	3.0800e-003	0.0340	0.0184	4.0000e-005		1.4800e-003	1.4800e-003		1.3700e-003	1.3700e-003	0.0000	3.6205	3.6205	1.1700e-003	0.0000	3.6498
<b>Total</b>	<b>3.0800e-003</b>	<b>0.0340</b>	<b>0.0184</b>	<b>4.0000e-005</b>	<b>4.7800e-003</b>	<b>1.4800e-003</b>	<b>6.2600e-003</b>	<b>2.5900e-003</b>	<b>1.3700e-003</b>	<b>3.9600e-003</b>	<b>0.0000</b>	<b>3.6205</b>	<b>3.6205</b>	<b>1.1700e-003</b>	<b>0.0000</b>	<b>3.6498</b>

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	7.0000e-005	5.0000e-005	7.1000e-004	0.0000	2.2000e-004	0.0000	2.2000e-004	6.0000e-005	0.0000	6.0000e-005	0.0000	0.1774	0.1774	0.0000	0.0000	0.1790
<b>Total</b>	<b>7.0000e-005</b>	<b>5.0000e-005</b>	<b>7.1000e-004</b>	<b>0.0000</b>	<b>2.2000e-004</b>	<b>0.0000</b>	<b>2.2000e-004</b>	<b>6.0000e-005</b>	<b>0.0000</b>	<b>6.0000e-005</b>	<b>0.0000</b>	<b>0.1774</b>	<b>0.1774</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.1790</b>

**3.4 Grading - 2023**

**Unmitigated Construction On-Site**

Willow Substation - South Coast AQMD Air District, Annual

**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0484	0.0000	0.0484	0.0265	0.0000	0.0265	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0107	0.1157	0.0696	1.6000e-004		4.8300e-003	4.8300e-003		4.4500e-003	4.4500e-003	0.0000	14.4831	14.4831	4.6800e-003	0.0000	14.6002
<b>Total</b>	<b>0.0107</b>	<b>0.1157</b>	<b>0.0696</b>	<b>1.6000e-004</b>	<b>0.0484</b>	<b>4.8300e-003</b>	<b>0.0532</b>	<b>0.0265</b>	<b>4.4500e-003</b>	<b>0.0310</b>	<b>0.0000</b>	<b>14.4831</b>	<b>14.4831</b>	<b>4.6800e-003</b>	<b>0.0000</b>	<b>14.6002</b>

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.5000e-004	1.9000e-004	2.6100e-003	1.0000e-005	8.8000e-004	1.0000e-005	8.8000e-004	2.3000e-004	0.0000	2.4000e-004	0.0000	0.6869	0.6869	2.0000e-005	2.0000e-005	0.6926
<b>Total</b>	<b>2.5000e-004</b>	<b>1.9000e-004</b>	<b>2.6100e-003</b>	<b>1.0000e-005</b>	<b>8.8000e-004</b>	<b>1.0000e-005</b>	<b>8.8000e-004</b>	<b>2.3000e-004</b>	<b>0.0000</b>	<b>2.4000e-004</b>	<b>0.0000</b>	<b>0.6869</b>	<b>0.6869</b>	<b>2.0000e-005</b>	<b>2.0000e-005</b>	<b>0.6926</b>

**Mitigated Construction On-Site**

Willow Substation - South Coast AQMD Air District, Annual

**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0189	0.0000	0.0189	0.0103	0.0000	0.0103	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0107	0.1157	0.0696	1.6000e-004		4.8300e-003	4.8300e-003		4.4500e-003	4.4500e-003	0.0000	14.4831	14.4831	4.6800e-003	0.0000	14.6002
<b>Total</b>	<b>0.0107</b>	<b>0.1157</b>	<b>0.0696</b>	<b>1.6000e-004</b>	<b>0.0189</b>	<b>4.8300e-003</b>	<b>0.0237</b>	<b>0.0103</b>	<b>4.4500e-003</b>	<b>0.0148</b>	<b>0.0000</b>	<b>14.4831</b>	<b>14.4831</b>	<b>4.6800e-003</b>	<b>0.0000</b>	<b>14.6002</b>

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.5000e-004	1.9000e-004	2.6100e-003	1.0000e-005	8.8000e-004	1.0000e-005	8.8000e-004	2.3000e-004	0.0000	2.4000e-004	0.0000	0.6869	0.6869	2.0000e-005	2.0000e-005	0.6926
<b>Total</b>	<b>2.5000e-004</b>	<b>1.9000e-004</b>	<b>2.6100e-003</b>	<b>1.0000e-005</b>	<b>8.8000e-004</b>	<b>1.0000e-005</b>	<b>8.8000e-004</b>	<b>2.3000e-004</b>	<b>0.0000</b>	<b>2.4000e-004</b>	<b>0.0000</b>	<b>0.6869</b>	<b>0.6869</b>	<b>2.0000e-005</b>	<b>2.0000e-005</b>	<b>0.6926</b>

**3.5 Trenching - 2023**

**Unmitigated Construction On-Site**

Willow Substation - South Coast AQMD Air District, Annual

**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1858	1.4287	1.5386	2.6900e-003		0.0628	0.0628		0.0606	0.0606	0.0000	221.5509	221.5509	0.0376	0.0000	222.4915
<b>Total</b>	<b>0.1858</b>	<b>1.4287</b>	<b>1.5386</b>	<b>2.6900e-003</b>		<b>0.0628</b>	<b>0.0628</b>		<b>0.0606</b>	<b>0.0606</b>	<b>0.0000</b>	<b>221.5509</b>	<b>221.5509</b>	<b>0.0376</b>	<b>0.0000</b>	<b>222.4915</b>

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	9.2000e-004	0.0325	0.0124	1.6000e-004	5.3900e-003	1.8000e-004	5.5700e-003	1.5500e-003	1.7000e-004	1.7300e-003	0.0000	15.1988	15.1988	5.1000e-004	2.2000e-003	15.8678
Worker	6.8400e-003	5.2600e-003	0.0717	2.1000e-004	0.0241	1.4000e-004	0.0242	6.4000e-003	1.3000e-004	6.5300e-003	0.0000	18.8546	18.8546	4.8000e-004	4.9000e-004	19.0113
<b>Total</b>	<b>7.7600e-003</b>	<b>0.0378</b>	<b>0.0841</b>	<b>3.7000e-004</b>	<b>0.0295</b>	<b>3.2000e-004</b>	<b>0.0298</b>	<b>7.9500e-003</b>	<b>3.0000e-004</b>	<b>8.2600e-003</b>	<b>0.0000</b>	<b>34.0534</b>	<b>34.0534</b>	<b>9.9000e-004</b>	<b>2.6900e-003</b>	<b>34.8790</b>

**Mitigated Construction On-Site**

Willow Substation - South Coast AQMD Air District, Annual

**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1858	1.4287	1.5386	2.6900e-003		0.0628	0.0628		0.0606	0.0606	0.0000	221.5507	221.5507	0.0376	0.0000	222.4912
<b>Total</b>	<b>0.1858</b>	<b>1.4287</b>	<b>1.5386</b>	<b>2.6900e-003</b>		<b>0.0628</b>	<b>0.0628</b>		<b>0.0606</b>	<b>0.0606</b>	<b>0.0000</b>	<b>221.5507</b>	<b>221.5507</b>	<b>0.0376</b>	<b>0.0000</b>	<b>222.4912</b>

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	9.2000e-004	0.0325	0.0124	1.6000e-004	5.3900e-003	1.8000e-004	5.5700e-003	1.5500e-003	1.7000e-004	1.7300e-003	0.0000	15.1988	15.1988	5.1000e-004	2.2000e-003	15.8678
Worker	6.8400e-003	5.2600e-003	0.0717	2.1000e-004	0.0241	1.4000e-004	0.0242	6.4000e-003	1.3000e-004	6.5300e-003	0.0000	18.8546	18.8546	4.8000e-004	4.9000e-004	19.0113
<b>Total</b>	<b>7.7600e-003</b>	<b>0.0378</b>	<b>0.0841</b>	<b>3.7000e-004</b>	<b>0.0295</b>	<b>3.2000e-004</b>	<b>0.0298</b>	<b>7.9500e-003</b>	<b>3.0000e-004</b>	<b>8.2600e-003</b>	<b>0.0000</b>	<b>34.0534</b>	<b>34.0534</b>	<b>9.9000e-004</b>	<b>2.6900e-003</b>	<b>34.8790</b>

**3.5 Trenching - 2024**

**Unmitigated Construction On-Site**

Willow Substation - South Coast AQMD Air District, Annual

**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0398	0.3098	0.3505	6.2000e-004		0.0126	0.0126		0.0122	0.0122	0.0000	50.8512	50.8512	8.4700e-003	0.0000	51.0629
<b>Total</b>	<b>0.0398</b>	<b>0.3098</b>	<b>0.3505</b>	<b>6.2000e-004</b>		<b>0.0126</b>	<b>0.0126</b>		<b>0.0122</b>	<b>0.0122</b>	<b>0.0000</b>	<b>50.8512</b>	<b>50.8512</b>	<b>8.4700e-003</b>	<b>0.0000</b>	<b>51.0629</b>

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.1000e-004	7.5000e-003	2.8000e-003	4.0000e-005	1.2400e-003	4.0000e-005	1.2800e-003	3.6000e-004	4.0000e-005	4.0000e-004	0.0000	3.4381	3.4381	1.2000e-004	5.0000e-004	3.5897
Worker	1.4700e-003	1.0800e-003	0.0153	5.0000e-005	5.5300e-003	3.0000e-005	5.5600e-003	1.4700e-003	3.0000e-005	1.5000e-003	0.0000	4.2009	4.2009	1.0000e-004	1.0000e-004	4.2343
<b>Total</b>	<b>1.6800e-003</b>	<b>8.5800e-003</b>	<b>0.0181</b>	<b>9.0000e-005</b>	<b>6.7700e-003</b>	<b>7.0000e-005</b>	<b>6.8400e-003</b>	<b>1.8300e-003</b>	<b>7.0000e-005</b>	<b>1.9000e-003</b>	<b>0.0000</b>	<b>7.6390</b>	<b>7.6390</b>	<b>2.2000e-004</b>	<b>6.0000e-004</b>	<b>7.8240</b>

**Mitigated Construction On-Site**

Willow Substation - South Coast AQMD Air District, Annual

**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0398	0.3098	0.3505	6.2000e-004		0.0126	0.0126		0.0122	0.0122	0.0000	50.8511	50.8511	8.4700e-003	0.0000	51.0628
<b>Total</b>	<b>0.0398</b>	<b>0.3098</b>	<b>0.3505</b>	<b>6.2000e-004</b>		<b>0.0126</b>	<b>0.0126</b>		<b>0.0122</b>	<b>0.0122</b>	<b>0.0000</b>	<b>50.8511</b>	<b>50.8511</b>	<b>8.4700e-003</b>	<b>0.0000</b>	<b>51.0628</b>

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.1000e-004	7.5000e-003	2.8000e-003	4.0000e-005	1.2400e-003	4.0000e-005	1.2800e-003	3.6000e-004	4.0000e-005	4.0000e-004	0.0000	3.4381	3.4381	1.2000e-004	5.0000e-004	3.5897
Worker	1.4700e-003	1.0800e-003	0.0153	5.0000e-005	5.5300e-003	3.0000e-005	5.5600e-003	1.4700e-003	3.0000e-005	1.5000e-003	0.0000	4.2009	4.2009	1.0000e-004	1.0000e-004	4.2343
<b>Total</b>	<b>1.6800e-003</b>	<b>8.5800e-003</b>	<b>0.0181</b>	<b>9.0000e-005</b>	<b>6.7700e-003</b>	<b>7.0000e-005</b>	<b>6.8400e-003</b>	<b>1.8300e-003</b>	<b>7.0000e-005</b>	<b>1.9000e-003</b>	<b>0.0000</b>	<b>7.6390</b>	<b>7.6390</b>	<b>2.2000e-004</b>	<b>6.0000e-004</b>	<b>7.8240</b>

**3.6 Paving - 2024**

**Unmitigated Construction On-Site**

Willow Substation - South Coast AQMD Air District, Annual

**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	6.1800e-003	0.0586	0.0883	1.4000e-004		2.8100e-003	2.8100e-003		2.5900e-003	2.5900e-003	0.0000	11.7741	11.7741	3.7300e-003	0.0000	11.8674
Paving	1.3800e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
<b>Total</b>	<b>7.5600e-003</b>	<b>0.0586</b>	<b>0.0883</b>	<b>1.4000e-004</b>		<b>2.8100e-003</b>	<b>2.8100e-003</b>		<b>2.5900e-003</b>	<b>2.5900e-003</b>	<b>0.0000</b>	<b>11.7741</b>	<b>11.7741</b>	<b>3.7300e-003</b>	<b>0.0000</b>	<b>11.8674</b>

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.8000e-004	2.8000e-004	3.9500e-003	1.0000e-005	1.4300e-003	1.0000e-005	1.4300e-003	3.8000e-004	1.0000e-005	3.9000e-004	0.0000	1.0836	1.0836	3.0000e-005	3.0000e-005	1.0922
<b>Total</b>	<b>3.8000e-004</b>	<b>2.8000e-004</b>	<b>3.9500e-003</b>	<b>1.0000e-005</b>	<b>1.4300e-003</b>	<b>1.0000e-005</b>	<b>1.4300e-003</b>	<b>3.8000e-004</b>	<b>1.0000e-005</b>	<b>3.9000e-004</b>	<b>0.0000</b>	<b>1.0836</b>	<b>1.0836</b>	<b>3.0000e-005</b>	<b>3.0000e-005</b>	<b>1.0922</b>

**Mitigated Construction On-Site**

Willow Substation - South Coast AQMD Air District, Annual

**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	6.1800e-003	0.0586	0.0883	1.4000e-004		2.8100e-003	2.8100e-003		2.5900e-003	2.5900e-003	0.0000	11.7741	11.7741	3.7300e-003	0.0000	11.8674
Paving	1.3800e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
<b>Total</b>	<b>7.5600e-003</b>	<b>0.0586</b>	<b>0.0883</b>	<b>1.4000e-004</b>		<b>2.8100e-003</b>	<b>2.8100e-003</b>		<b>2.5900e-003</b>	<b>2.5900e-003</b>	<b>0.0000</b>	<b>11.7741</b>	<b>11.7741</b>	<b>3.7300e-003</b>	<b>0.0000</b>	<b>11.8674</b>

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.8000e-004	2.8000e-004	3.9500e-003	1.0000e-005	1.4300e-003	1.0000e-005	1.4300e-003	3.8000e-004	1.0000e-005	3.9000e-004	0.0000	1.0836	1.0836	3.0000e-005	3.0000e-005	1.0922
<b>Total</b>	<b>3.8000e-004</b>	<b>2.8000e-004</b>	<b>3.9500e-003</b>	<b>1.0000e-005</b>	<b>1.4300e-003</b>	<b>1.0000e-005</b>	<b>1.4300e-003</b>	<b>3.8000e-004</b>	<b>1.0000e-005</b>	<b>3.9000e-004</b>	<b>0.0000</b>	<b>1.0836</b>	<b>1.0836</b>	<b>3.0000e-005</b>	<b>3.0000e-005</b>	<b>1.0922</b>

Willow Substation - South Coast AQMD Air District, Annual

**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**

**4.1 Mitigation Measures Mobile**

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

**4.2 Trip Summary Information**

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Other Asphalt Surfaces	0.00	0.00	0.00		
Total	0.00	0.00	0.00		

**4.3 Trip Type Information**

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Other Asphalt Surfaces	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0

**4.4 Fleet Mix**

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Other Asphalt Surfaces	0.541709	0.062136	0.185590	0.128486	0.023783	0.006533	0.012157	0.009216	0.000814	0.000497	0.024669	0.000753	0.003657

**5.0 Energy Detail**



Willow Substation - South Coast AQMD Air District, Annual

**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**

**Mitigated**

	Natural Gas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
<b>Total</b>		<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>		<b>0.0000</b>	<b>0.0000</b>		<b>0.0000</b>							

**5.3 Energy by Land Use - Electricity**

**Unmitigated**

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
<b>Total</b>		<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>

**Mitigated**

Willow Substation - South Coast AQMD Air District, Annual

**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
<b>Total</b>		<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>

**6.0 Area Detail**

**6.1 Mitigation Measures Area**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	3.5900e-003	0.0000	1.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	3.0000e-005	3.0000e-005	0.0000	0.0000	3.0000e-005
Unmitigated	3.5900e-003	0.0000	1.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	3.0000e-005	3.0000e-005	0.0000	0.0000	3.0000e-005

**6.2 Area by SubCategory**

Unmitigated

Willow Substation - South Coast AQMD Air District, Annual

**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	6.4000e-004					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	2.9600e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	0.0000	0.0000	1.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	3.0000e-005	3.0000e-005	0.0000	0.0000	3.0000e-005
<b>Total</b>	<b>3.6000e-003</b>	<b>0.0000</b>	<b>1.0000e-005</b>	<b>0.0000</b>		<b>0.0000</b>	<b>0.0000</b>		<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>3.0000e-005</b>	<b>3.0000e-005</b>	<b>0.0000</b>	<b>0.0000</b>	<b>3.0000e-005</b>

**Mitigated**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	6.4000e-004					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	2.9600e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	0.0000	0.0000	1.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	3.0000e-005	3.0000e-005	0.0000	0.0000	3.0000e-005
<b>Total</b>	<b>3.6000e-003</b>	<b>0.0000</b>	<b>1.0000e-005</b>	<b>0.0000</b>		<b>0.0000</b>	<b>0.0000</b>		<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>3.0000e-005</b>	<b>3.0000e-005</b>	<b>0.0000</b>	<b>0.0000</b>	<b>3.0000e-005</b>

**7.0 Water Detail**

Willow Substation - South Coast AQMD Air District, Annual

**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**

**7.1 Mitigation Measures Water**

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	0.0000	0.0000	0.0000	0.0000
Unmitigated	0.0000	0.0000	0.0000	0.0000

**7.2 Water by Land Use**

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Other Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
<b>Total</b>		<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>

Mitigated

Willow Substation - South Coast AQMD Air District, Annual

**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**

Indoor/Outdoor Use		Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Other Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
<b>Total</b>		<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>

**8.0 Waste Detail**

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**8.1 Mitigation Measures Waste**

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	0.0000	0.0000	0.0000	0.0000
Unmitigated	0.0000	0.0000	0.0000	0.0000

**8.2 Waste by Land Use**

Unmitigated

Willow Substation - South Coast AQMD Air District, Annual

**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
<b>Total</b>		<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>

**Mitigated**

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
<b>Total</b>		<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>

**9.0 Operational Offroad**

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Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type
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**10.0 Stationary Equipment**

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Willow Substation - South Coast AQMD Air District, Annual

**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**

**Fire Pumps and Emergency Generators**

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type
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**Boilers**

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type
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**User Defined Equipment**

Equipment Type	Number
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**11.0 Vegetation**

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Willow Substation - South Coast AQMD Air District, Summer

**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**

**Willow Substation**

**South Coast AQMD Air District, Summer**

**1.0 Project Characteristics**

**1.1 Land Usage**

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Other Asphalt Surfaces	1.05	Acre	1.05	45,738.00	0

**1.2 Other Project Characteristics**

<b>Urbanization</b>	Urban	<b>Wind Speed (m/s)</b>	2.2	<b>Precipitation Freq (Days)</b>	31
<b>Climate Zone</b>	12			<b>Operational Year</b>	2025
<b>Utility Company</b>	Burbank Water & Power				
<b>CO2 Intensity (lb/MWhr)</b>	929.98	<b>CH4 Intensity (lb/MWhr)</b>	0.033	<b>N2O Intensity (lb/MWhr)</b>	0.004

**1.3 User Entered Comments & Non-Default Data**

Project Characteristics -

Land Use - total on-site and off-site area of disturbance

Construction Phase - construction duration is winter 2022 to spring 2024

Off-road Equipment -

Off-road Equipment - .

Trips and VMT - .

Grading - on-site area of disturbance

Construction Off-road Equipment Mitigation - compliance with SCAQMD rule 403

Table Name	Column Name	Default Value	New Value
tblConstructionPhase	NumDays	2.00	20.00
tblConstructionPhase	NumDays	4.00	20.00

Willow Substation - South Coast AQMD Air District, Summer

**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**

tblConstructionPhase	NumDays	10.00	20.00
tblGrading	AcresOfGrading	20.00	0.39
tblGrading	AcresOfGrading	18.75	0.39
tblTripsAndVMT	HaulingTripNumber	0.00	20.00
tblTripsAndVMT	VendorTripNumber	0.00	7.00

**2.0 Emissions Summary**

**2.1 Overall Construction (Maximum Daily Emission)**

**Unmitigated Construction**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2022	1.7379	17.0078	14.4933	0.0261	6.1546	0.8401	6.8975	3.3421	0.7849	4.0256	0.0000	2,522.7301	2,522.7301	0.6481	0.0137	2,541.7965
2023	1.5885	14.4890	13.3425	0.0251	6.1546	0.6050	6.7595	3.3421	0.5566	3.8987	0.0000	2,317.1360	2,317.1360	0.6478	0.0239	2,332.9896
2024	1.4812	11.3536	13.2036	0.0250	0.2460	0.4531	0.6992	0.0663	0.4372	0.5035	0.0000	2,310.0884	2,310.0884	0.4143	0.0234	2,325.6084
<b>Maximum</b>	<b>1.7379</b>	<b>17.0078</b>	<b>14.4933</b>	<b>0.0261</b>	<b>6.1546</b>	<b>0.8401</b>	<b>6.8975</b>	<b>3.3421</b>	<b>0.7849</b>	<b>4.0256</b>	<b>0.0000</b>	<b>2,522.7301</b>	<b>2,522.7301</b>	<b>0.6481</b>	<b>0.0239</b>	<b>2,541.7965</b>

**Mitigated Construction**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
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Willow Substation - South Coast AQMD Air District, Summer

**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**

Year	lb/day											lb/day				
2022	1.7379	17.0078	14.4933	0.0261	2.4685	0.8401	3.2114	1.3215	0.7849	2.0050	0.0000	2,522.7301	2,522.7301	0.6481	0.0137	2,541.7965
2023	1.5885	14.4890	13.3425	0.0251	2.4685	0.6050	3.0734	1.3215	0.5566	1.8781	0.0000	2,317.1360	2,317.1360	0.6478	0.0239	2,332.9896
2024	1.4812	11.3536	13.2036	0.0250	0.2460	0.4531	0.6992	0.0663	0.4372	0.5035	0.0000	2,310.0884	2,310.0884	0.4143	0.0234	2,325.6084
<b>Maximum</b>	<b>1.7379</b>	<b>17.0078</b>	<b>14.4933</b>	<b>0.0261</b>	<b>2.4685</b>	<b>0.8401</b>	<b>3.2114</b>	<b>1.3215</b>	<b>0.7849</b>	<b>2.0050</b>	<b>0.0000</b>	<b>2,522.7301</b>	<b>2,522.7301</b>	<b>0.6481</b>	<b>0.0239</b>	<b>2,541.7965</b>

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	58.72	0.00	51.35	59.87	0.00	47.95	0.00	0.00	0.00	0.00	0.00	0.00

**2.2 Overall Operational**

**Unmitigated Operational**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day											lb/day				
Area	0.0197	0.0000	1.1000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		2.3000e-004	2.3000e-004	0.0000	0.0000	2.4000e-004
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
<b>Total</b>	<b>0.0197</b>	<b>0.0000</b>	<b>1.1000e-004</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>		<b>2.3000e-004</b>	<b>2.3000e-004</b>	<b>0.0000</b>	<b>0.0000</b>	<b>2.4000e-004</b>

Willow Substation - South Coast AQMD Air District, Summer

**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**

**Mitigated Operational**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	0.0197	0.0000	1.1000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		2.3000e-004	2.3000e-004	0.0000		2.4000e-004
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
<b>Total</b>	<b>0.0197</b>	<b>0.0000</b>	<b>1.1000e-004</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>		<b>2.3000e-004</b>	<b>2.3000e-004</b>	<b>0.0000</b>	<b>0.0000</b>	<b>2.4000e-004</b>

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

**3.0 Construction Detail**

**Construction Phase**

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	11/1/2022	11/28/2022	5	20	
2	Site Preparation	Site Preparation	11/29/2022	12/26/2022	5	20	
3	Grading	Grading	12/27/2022	1/23/2023	5	20	
4	Trenching	Trenching	1/24/2023	3/18/2024	5	300	
5	Paving	Paving	3/19/2024	4/15/2024	5	20	

Willow Substation - South Coast AQMD Air District, Summer

**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**

**Acres of Grading (Site Preparation Phase): 0.39**

**Acres of Grading (Grading Phase): 0.39**

**Acres of Paving: 1.05**

**Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 0 (Architectural Coating –**

**OffRoad Equipment**

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition	Rubber Tired Dozers	1	8.00	247	0.40
Demolition	Tractors/Loaders/Backhoes	3	8.00	97	0.37
Site Preparation	Graders	1	8.00	187	0.41
Site Preparation	Rubber Tired Dozers	1	7.00	247	0.40
Site Preparation	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Grading	Graders	1	8.00	187	0.41
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Grading	Tractors/Loaders/Backhoes	2	7.00	97	0.37
Trenching	Cranes	1	6.00	231	0.29
Trenching	Forklifts	1	6.00	89	0.20
Trenching	Generator Sets	1	8.00	84	0.74
Trenching	Tractors/Loaders/Backhoes	1	6.00	97	0.37
Trenching	Welders	3	8.00	46	0.45
Paving	Cement and Mortar Mixers	1	6.00	9	0.56
Paving	Pavers	1	6.00	130	0.42
Paving	Paving Equipment	1	8.00	132	0.36
Paving	Rollers	1	7.00	80	0.38
Paving	Tractors/Loaders/Backhoes	1	8.00	97	0.37

**Trips and VMT**

Willow Substation - South Coast AQMD Air District, Summer

**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	5	13.00	0.00	20.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	3	8.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Grading	4	10.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Trenching	7	18.00	7.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Paving	5	13.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

**3.1 Mitigation Measures Construction**

Water Exposed Area

**3.2 Demolition - 2022**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.6889	16.6217	13.9605	0.0241		0.8379	0.8379		0.7829	0.7829		2,323.4168	2,323.4168	0.5921		2,338.2191
<b>Total</b>	<b>1.6889</b>	<b>16.6217</b>	<b>13.9605</b>	<b>0.0241</b>		<b>0.8379</b>	<b>0.8379</b>		<b>0.7829</b>	<b>0.7829</b>		<b>2,323.4168</b>	<b>2,323.4168</b>	<b>0.5921</b>		<b>2,338.2191</b>

**Unmitigated Construction Off-Site**

Willow Substation - South Coast AQMD Air District, Summer

**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	4.2300e-003	0.1560	0.0373	6.1000e-004	0.0175	1.3000e-003	0.0188	4.7900e-003	1.2500e-003	6.0400e-003		66.3841	66.3841	3.5700e-003	0.0105	69.6136
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0448	0.0315	0.4955	1.3200e-003	0.1453	8.7000e-004	0.1462	0.0385	8.0000e-004	0.0393		132.9292	132.9292	3.4800e-003	3.1800e-003	133.9638
<b>Total</b>	<b>0.0490</b>	<b>0.1875</b>	<b>0.5328</b>	<b>1.9300e-003</b>	<b>0.1628</b>	<b>2.1700e-003</b>	<b>0.1650</b>	<b>0.0433</b>	<b>2.0500e-003</b>	<b>0.0454</b>		<b>199.3133</b>	<b>199.3133</b>	<b>7.0500e-003</b>	<b>0.0137</b>	<b>203.5774</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.6889	16.6217	13.9605	0.0241		0.8379	0.8379		0.7829	0.7829	0.0000	2,323.4168	2,323.4168	0.5921		2,338.2191
<b>Total</b>	<b>1.6889</b>	<b>16.6217</b>	<b>13.9605</b>	<b>0.0241</b>		<b>0.8379</b>	<b>0.8379</b>		<b>0.7829</b>	<b>0.7829</b>	<b>0.0000</b>	<b>2,323.4168</b>	<b>2,323.4168</b>	<b>0.5921</b>		<b>2,338.2191</b>

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
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Willow Substation - South Coast AQMD Air District, Summer

**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**

Category	lb/day										lb/day				
	Hauling	4.2300e-003	0.1560	0.0373	6.1000e-004	0.0175	1.3000e-003	0.0188	4.7900e-003	1.2500e-003	6.0400e-003	66.3841	66.3841	3.5700e-003	0.0105
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0448	0.0315	0.4955	1.3200e-003	0.1453	8.7000e-004	0.1462	0.0385	8.0000e-004	0.0393	132.9292	132.9292	3.4800e-003	3.1800e-003	133.9638
<b>Total</b>	<b>0.0490</b>	<b>0.1875</b>	<b>0.5328</b>	<b>1.9300e-003</b>	<b>0.1628</b>	<b>2.1700e-003</b>	<b>0.1650</b>	<b>0.0433</b>	<b>2.0500e-003</b>	<b>0.0454</b>	<b>199.3133</b>	<b>199.3133</b>	<b>7.0500e-003</b>	<b>0.0137</b>	<b>203.5774</b>

**3.3 Site Preparation - 2022**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					5.2900	0.0000	5.2900	2.8987	0.0000	2.8987			0.0000			0.0000
Off-Road	1.3122	14.6277	7.0939	0.0172		0.6225	0.6225		0.5727	0.5727		1,666.1738	1,666.1738	0.5389		1,679.6457
<b>Total</b>	<b>1.3122</b>	<b>14.6277</b>	<b>7.0939</b>	<b>0.0172</b>	<b>5.2900</b>	<b>0.6225</b>	<b>5.9125</b>	<b>2.8987</b>	<b>0.5727</b>	<b>3.4714</b>		<b>1,666.1738</b>	<b>1,666.1738</b>	<b>0.5389</b>		<b>1,679.6457</b>

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
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Willow Substation - South Coast AQMD Air District, Summer

**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**

Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
Worker	0.0275	0.0194	0.3049	8.1000e-004	0.0894	5.3000e-004	0.0900	0.0237	4.9000e-004	0.0242	81.8026	81.8026	2.1400e-003	1.9600e-003	82.4393	
<b>Total</b>	<b>0.0275</b>	<b>0.0194</b>	<b>0.3049</b>	<b>8.1000e-004</b>	<b>0.0894</b>	<b>5.3000e-004</b>	<b>0.0900</b>	<b>0.0237</b>	<b>4.9000e-004</b>	<b>0.0242</b>	<b>81.8026</b>	<b>81.8026</b>	<b>2.1400e-003</b>	<b>1.9600e-003</b>	<b>82.4393</b>	

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					2.0631	0.0000	2.0631	1.1305	0.0000	1.1305			0.0000			0.0000
Off-Road	1.3122	14.6277	7.0939	0.0172		0.6225	0.6225		0.5727	0.5727	0.0000	1,666.1738	1,666.1738	0.5389		1,679.6457
<b>Total</b>	<b>1.3122</b>	<b>14.6277</b>	<b>7.0939</b>	<b>0.0172</b>	<b>2.0631</b>	<b>0.6225</b>	<b>2.6856</b>	<b>1.1305</b>	<b>0.5727</b>	<b>1.7032</b>	<b>0.0000</b>	<b>1,666.1738</b>	<b>1,666.1738</b>	<b>0.5389</b>		<b>1,679.6457</b>

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
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Willow Substation - South Coast AQMD Air District, Summer

**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**

Category	lb/day										lb/day					
	Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
Worker	0.0275	0.0194	0.3049	8.1000e-004	0.0894	5.3000e-004	0.0900	0.0237	4.9000e-004	0.0242	81.8026	81.8026	2.1400e-003	1.9600e-003	82.4393	
<b>Total</b>	<b>0.0275</b>	<b>0.0194</b>	<b>0.3049</b>	<b>8.1000e-004</b>	<b>0.0894</b>	<b>5.3000e-004</b>	<b>0.0900</b>	<b>0.0237</b>	<b>4.9000e-004</b>	<b>0.0242</b>	<b>81.8026</b>	<b>81.8026</b>	<b>2.1400e-003</b>	<b>1.9600e-003</b>	<b>82.4393</b>	

**3.4 Grading - 2022**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.0428	0.0000	6.0428	3.3125	0.0000	3.3125			0.0000			0.0000
Off-Road	1.5403	16.9836	9.2202	0.0206		0.7423	0.7423		0.6829	0.6829		1,995.4825	1,995.4825	0.6454		2,011.6169
<b>Total</b>	<b>1.5403</b>	<b>16.9836</b>	<b>9.2202</b>	<b>0.0206</b>	<b>6.0428</b>	<b>0.7423</b>	<b>6.7851</b>	<b>3.3125</b>	<b>0.6829</b>	<b>3.9954</b>		<b>1,995.4825</b>	<b>1,995.4825</b>	<b>0.6454</b>		<b>2,011.6169</b>

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
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Willow Substation - South Coast AQMD Air District, Summer

**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**

Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
Worker	0.0344	0.0242	0.3812	1.0100e-003	0.1118	6.7000e-004	0.1124	0.0296	6.1000e-004	0.0303	102.2532	102.2532	2.6700e-003	2.4500e-003	103.0491	
<b>Total</b>	<b>0.0344</b>	<b>0.0242</b>	<b>0.3812</b>	<b>1.0100e-003</b>	<b>0.1118</b>	<b>6.7000e-004</b>	<b>0.1124</b>	<b>0.0296</b>	<b>6.1000e-004</b>	<b>0.0303</b>	<b>102.2532</b>	<b>102.2532</b>	<b>2.6700e-003</b>	<b>2.4500e-003</b>	<b>103.0491</b>	

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					2.3567	0.0000	2.3567	1.2919	0.0000	1.2919			0.0000			0.0000
Off-Road	1.5403	16.9836	9.2202	0.0206		0.7423	0.7423		0.6829	0.6829	0.0000	1,995.4825	1,995.4825	0.6454		2,011.6169
<b>Total</b>	<b>1.5403</b>	<b>16.9836</b>	<b>9.2202</b>	<b>0.0206</b>	<b>2.3567</b>	<b>0.7423</b>	<b>3.0990</b>	<b>1.2919</b>	<b>0.6829</b>	<b>1.9748</b>	<b>0.0000</b>	<b>1,995.4825</b>	<b>1,995.4825</b>	<b>0.6454</b>		<b>2,011.6169</b>

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
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Willow Substation - South Coast AQMD Air District, Summer

**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**

Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0344	0.0242	0.3812	1.0100e-003	0.1118	6.7000e-004	0.1124	0.0296	6.1000e-004	0.0303		102.2532	102.2532	2.6700e-003	2.4500e-003	103.0491
<b>Total</b>	<b>0.0344</b>	<b>0.0242</b>	<b>0.3812</b>	<b>1.0100e-003</b>	<b>0.1118</b>	<b>6.7000e-004</b>	<b>0.1124</b>	<b>0.0296</b>	<b>6.1000e-004</b>	<b>0.0303</b>		<b>102.2532</b>	<b>102.2532</b>	<b>2.6700e-003</b>	<b>2.4500e-003</b>	<b>103.0491</b>

**3.4 Grading - 2023**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.0428	0.0000	6.0428	3.3125	0.0000	3.3125			0.0000			0.0000
Off-Road	1.3330	14.4676	8.7038	0.0206		0.6044	0.6044		0.5560	0.5560		1,995.6147	1,995.6147	0.6454		2,011.7503
<b>Total</b>	<b>1.3330</b>	<b>14.4676</b>	<b>8.7038</b>	<b>0.0206</b>	<b>6.0428</b>	<b>0.6044</b>	<b>6.6471</b>	<b>3.3125</b>	<b>0.5560</b>	<b>3.8685</b>		<b>1,995.6147</b>	<b>1,995.6147</b>	<b>0.6454</b>		<b>2,011.7503</b>

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
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Willow Substation - South Coast AQMD Air District, Summer

**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**

Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
Worker	0.0319	0.0214	0.3508	9.8000e-004	0.1118	6.3000e-004	0.1124	0.0296	5.8000e-004	0.0302	98.9593	98.9593	2.4000e-003	2.2600e-003	99.6928	
<b>Total</b>	<b>0.0319</b>	<b>0.0214</b>	<b>0.3508</b>	<b>9.8000e-004</b>	<b>0.1118</b>	<b>6.3000e-004</b>	<b>0.1124</b>	<b>0.0296</b>	<b>5.8000e-004</b>	<b>0.0302</b>	<b>98.9593</b>	<b>98.9593</b>	<b>2.4000e-003</b>	<b>2.2600e-003</b>	<b>99.6928</b>	

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					2.3567	0.0000	2.3567	1.2919	0.0000	1.2919			0.0000			0.0000
Off-Road	1.3330	14.4676	8.7038	0.0206		0.6044	0.6044		0.5560	0.5560	0.0000	1,995.6147	1,995.6147	0.6454		2,011.7503
<b>Total</b>	<b>1.3330</b>	<b>14.4676</b>	<b>8.7038</b>	<b>0.0206</b>	<b>2.3567</b>	<b>0.6044</b>	<b>2.9610</b>	<b>1.2919</b>	<b>0.5560</b>	<b>1.8479</b>	<b>0.0000</b>	<b>1,995.6147</b>	<b>1,995.6147</b>	<b>0.6454</b>		<b>2,011.7503</b>

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
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Willow Substation - South Coast AQMD Air District, Summer

**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**

Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
Worker	0.0319	0.0214	0.3508	9.8000e-004	0.1118	6.3000e-004	0.1124	0.0296	5.8000e-004	0.0302	98.9593	98.9593	2.4000e-003	2.2600e-003	99.6928	
<b>Total</b>	<b>0.0319</b>	<b>0.0214</b>	<b>0.3508</b>	<b>9.8000e-004</b>	<b>0.1118</b>	<b>6.3000e-004</b>	<b>0.1124</b>	<b>0.0296</b>	<b>5.8000e-004</b>	<b>0.0302</b>	<b>98.9593</b>	<b>98.9593</b>	<b>2.4000e-003</b>	<b>2.2600e-003</b>	<b>99.6928</b>	

**3.5 Trenching - 2023**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.5233	11.7104	12.6111	0.0221		0.5145	0.5145		0.4968	0.4968		2,001.7877	2,001.7877	0.3399		2,010.2858
<b>Total</b>	<b>1.5233</b>	<b>11.7104</b>	<b>12.6111</b>	<b>0.0221</b>		<b>0.5145</b>	<b>0.5145</b>		<b>0.4968</b>	<b>0.4968</b>		<b>2,001.7877</b>	<b>2,001.7877</b>	<b>0.3399</b>		<b>2,010.2858</b>

**Unmitigated Construction Off-Site**

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

Willow Substation - South Coast AQMD Air District, Summer

**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**

Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	7.7400e-003	0.2541	0.1000	1.2700e-003	0.0448	1.4800e-003	0.0463	0.0129	1.4200e-003	0.0143	137.2217	137.2217	4.6100e-003	0.0199	143.2569	
Worker	0.0575	0.0386	0.6314	1.7600e-003	0.2012	1.1300e-003	0.2023	0.0534	1.0400e-003	0.0544	178.1267	178.1267	4.3200e-003	4.0700e-003	179.4470	
<b>Total</b>	<b>0.0652</b>	<b>0.2927</b>	<b>0.7315</b>	<b>3.0300e-003</b>	<b>0.2460</b>	<b>2.6100e-003</b>	<b>0.2486</b>	<b>0.0663</b>	<b>2.4600e-003</b>	<b>0.0687</b>	<b>315.3483</b>	<b>315.3483</b>	<b>8.9300e-003</b>	<b>0.0239</b>	<b>322.7039</b>	

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.5233	11.7104	12.6111	0.0221		0.5145	0.5145		0.4968	0.4968	0.0000	2,001.7877	2,001.7877	0.3399		2,010.2858
<b>Total</b>	<b>1.5233</b>	<b>11.7104</b>	<b>12.6111</b>	<b>0.0221</b>		<b>0.5145</b>	<b>0.5145</b>		<b>0.4968</b>	<b>0.4968</b>	<b>0.0000</b>	<b>2,001.7877</b>	<b>2,001.7877</b>	<b>0.3399</b>		<b>2,010.2858</b>

**Mitigated Construction Off-Site**

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

Willow Substation - South Coast AQMD Air District, Summer

**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**

Vendor	7.7400e-003	0.2541	0.1000	1.2700e-003	0.0448	1.4800e-003	0.0463	0.0129	1.4200e-003	0.0143		137.2217	137.2217	4.6100e-003	0.0199	143.2569
Worker	0.0575	0.0386	0.6314	1.7600e-003	0.2012	1.1300e-003	0.2023	0.0534	1.0400e-003	0.0544		178.1267	178.1267	4.3200e-003	4.0700e-003	179.4470
<b>Total</b>	<b>0.0652</b>	<b>0.2927</b>	<b>0.7315</b>	<b>3.0300e-003</b>	<b>0.2460</b>	<b>2.6100e-003</b>	<b>0.2486</b>	<b>0.0663</b>	<b>2.4600e-003</b>	<b>0.0687</b>		<b>315.3483</b>	<b>315.3483</b>	<b>8.9300e-003</b>	<b>0.0239</b>	<b>322.7039</b>

**3.5 Trenching - 2024**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.4200	11.0639	12.5172	0.0221		0.4506	0.4506		0.4348	0.4348		2,001.9214	2,001.9214	0.3334		2,010.2563
<b>Total</b>	<b>1.4200</b>	<b>11.0639</b>	<b>12.5172</b>	<b>0.0221</b>		<b>0.4506</b>	<b>0.4506</b>		<b>0.4348</b>	<b>0.4348</b>		<b>2,001.9214</b>	<b>2,001.9214</b>	<b>0.3334</b>		<b>2,010.2563</b>

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	7.5600e-003	0.2553	0.0984	1.2500e-003	0.0448	1.4800e-003	0.0463	0.0129	1.4200e-003	0.0143		135.2476	135.2476	4.6100e-003	0.0196	141.2062

Willow Substation - South Coast AQMD Air District, Summer

**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**

Worker	0.0536	0.0345	0.5880	1.7100e-003	0.2012	1.0800e-003	0.2023	0.0534	9.9000e-004	0.0544		172.9194	172.9194	3.9100e-003	3.7900e-003	174.1459
<b>Total</b>	<b>0.0612</b>	<b>0.2897</b>	<b>0.6864</b>	<b>2.9600e-003</b>	<b>0.2460</b>	<b>2.5600e-003</b>	<b>0.2486</b>	<b>0.0663</b>	<b>2.4100e-003</b>	<b>0.0687</b>		<b>308.1670</b>	<b>308.1670</b>	<b>8.5200e-003</b>	<b>0.0234</b>	<b>315.3522</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.4200	11.0639	12.5172	0.0221		0.4506	0.4506		0.4348	0.4348	0.0000	2,001.9214	2,001.9214	0.3334		2,010.2563
<b>Total</b>	<b>1.4200</b>	<b>11.0639</b>	<b>12.5172</b>	<b>0.0221</b>		<b>0.4506</b>	<b>0.4506</b>		<b>0.4348</b>	<b>0.4348</b>	<b>0.0000</b>	<b>2,001.9214</b>	<b>2,001.9214</b>	<b>0.3334</b>		<b>2,010.2563</b>

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	7.5600e-003	0.2553	0.0984	1.2500e-003	0.0448	1.4800e-003	0.0463	0.0129	1.4200e-003	0.0143		135.2476	135.2476	4.6100e-003	0.0196	141.2062
Worker	0.0536	0.0345	0.5880	1.7100e-003	0.2012	1.0800e-003	0.2023	0.0534	9.9000e-004	0.0544		172.9194	172.9194	3.9100e-003	3.7900e-003	174.1459

Willow Substation - South Coast AQMD Air District, Summer

**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**

Total	0.0612	0.2897	0.6864	2.9600e-003	0.2460	2.5600e-003	0.2486	0.0663	2.4100e-003	0.0687		308.1670	308.1670	8.5200e-003	0.0234	315.3522
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**3.6 Paving - 2024**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.6180	5.8607	8.8253	0.0136		0.2810	0.2810		0.2594	0.2594		1,297.8688	1,297.8688	0.4114		1,308.1547
Paving	0.1376					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
<b>Total</b>	<b>0.7555</b>	<b>5.8607</b>	<b>8.8253</b>	<b>0.0136</b>		<b>0.2810</b>	<b>0.2810</b>		<b>0.2594</b>	<b>0.2594</b>		<b>1,297.8688</b>	<b>1,297.8688</b>	<b>0.4114</b>		<b>1,308.1547</b>

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0387	0.0249	0.4247	1.2400e-003	0.1453	7.8000e-004	0.1461	0.0385	7.2000e-004	0.0393		124.8862	124.8862	2.8200e-003	2.7400e-003	125.7721

Willow Substation - South Coast AQMD Air District, Summer

**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**

<b>Total</b>	0.0387	0.0249	0.4247	1.2400e-003	0.1453	7.8000e-004	0.1461	0.0385	7.2000e-004	0.0393		124.8862	124.8862	2.8200e-003	2.7400e-003	125.7721
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**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
<b>Category</b>	lb/day										lb/day					
Off-Road	0.6180	5.8607	8.8253	0.0136		0.2810	0.2810		0.2594	0.2594	0.0000	1,297.8688	1,297.8688	0.4114		1,308.1547
Paving	0.1376					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
<b>Total</b>	<b>0.7555</b>	<b>5.8607</b>	<b>8.8253</b>	<b>0.0136</b>		<b>0.2810</b>	<b>0.2810</b>		<b>0.2594</b>	<b>0.2594</b>	<b>0.0000</b>	<b>1,297.8688</b>	<b>1,297.8688</b>	<b>0.4114</b>		<b>1,308.1547</b>

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
<b>Category</b>	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0387	0.0249	0.4247	1.2400e-003	0.1453	7.8000e-004	0.1461	0.0385	7.2000e-004	0.0393		124.8862	124.8862	2.8200e-003	2.7400e-003	125.7721

Willow Substation - South Coast AQMD Air District, Summer

**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**

Total	0.0387	0.0249	0.4247	1.2400e-003	0.1453	7.8000e-004	0.1461	0.0385	7.2000e-004	0.0393		124.8862	124.8862	2.8200e-003	2.7400e-003	125.7721
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**4.0 Operational Detail - Mobile**

**4.1 Mitigation Measures Mobile**

Category	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
	lb/day										lb/day					
Mitigated	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Unmitigated	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000

**4.2 Trip Summary Information**

Land Use	Average Daily Trip Rate			Unmitigated Annual VMT	Mitigated Annual VMT
	Weekday	Saturday	Sunday		
Other Asphalt Surfaces	0.00	0.00	0.00		
Total	0.00	0.00	0.00		

**4.3 Trip Type Information**

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Other Asphalt Surfaces	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0



Willow Substation - South Coast AQMD Air District, Summer

**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**

Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
<b>Total</b>		<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>		<b>0.0000</b>	<b>0.0000</b>		<b>0.0000</b>	<b>0.0000</b>		<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>

**Mitigated**

	Natural Gas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
<b>Total</b>		<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>		<b>0.0000</b>	<b>0.0000</b>		<b>0.0000</b>	<b>0.0000</b>		<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>

**6.0 Area Detail**

**6.1 Mitigation Measures Area**

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

Willow Substation - South Coast AQMD Air District, Summer

**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**

Mitigated	0.0197	0.0000	1.1000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2.3000e-004	2.3000e-004	0.0000	2.4000e-004
Unmitigated	0.0197	0.0000	1.1000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2.3000e-004	2.3000e-004	0.0000	2.4000e-004

**6.2 Area by SubCategory**

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	3.4800e-003					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.0162					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	1.0000e-005	0.0000	1.1000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		2.3000e-004	2.3000e-004	0.0000		2.4000e-004
<b>Total</b>	<b>0.0197</b>	<b>0.0000</b>	<b>1.1000e-004</b>	<b>0.0000</b>		<b>0.0000</b>	<b>0.0000</b>		<b>0.0000</b>	<b>0.0000</b>		<b>2.3000e-004</b>	<b>2.3000e-004</b>	<b>0.0000</b>		<b>2.4000e-004</b>

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	3.4800e-003					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000

Willow Substation - South Coast AQMD Air District, Summer

**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**

Consumer Products	0.0162					0.0000	0.0000		0.0000	0.0000			0.0000		0.0000
Landscaping	1.0000e-005	0.0000	1.1000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		2.3000e-004	2.3000e-004	0.0000	2.4000e-004
<b>Total</b>	<b>0.0197</b>	<b>0.0000</b>	<b>1.1000e-004</b>	<b>0.0000</b>		<b>0.0000</b>	<b>0.0000</b>		<b>0.0000</b>	<b>0.0000</b>		<b>2.3000e-004</b>	<b>2.3000e-004</b>	<b>0.0000</b>	<b>2.4000e-004</b>

**7.0 Water Detail**

**7.1 Mitigation Measures Water**

**8.0 Waste Detail**

**8.1 Mitigation Measures Waste**

**9.0 Operational Offroad**

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type
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**10.0 Stationary Equipment**

**Fire Pumps and Emergency Generators**

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type
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**Boilers**

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type
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**User Defined Equipment**

Equipment Type	Number
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**11.0 Vegetation**

Willow Substation - South Coast AQMD Air District, Summer

**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**

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Willow Substation - South Coast AQMD Air District, Winter

**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**

**Willow Substation**

**South Coast AQMD Air District, Winter**

**1.0 Project Characteristics**

**1.1 Land Usage**

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Other Asphalt Surfaces	1.05	Acre	1.05	45,738.00	0

**1.2 Other Project Characteristics**

<b>Urbanization</b>	Urban	<b>Wind Speed (m/s)</b>	2.2	<b>Precipitation Freq (Days)</b>	31
<b>Climate Zone</b>	12			<b>Operational Year</b>	2025
<b>Utility Company</b>	Burbank Water & Power				
<b>CO2 Intensity (lb/MWhr)</b>	929.98	<b>CH4 Intensity (lb/MWhr)</b>	0.033	<b>N2O Intensity (lb/MWhr)</b>	0.004

**1.3 User Entered Comments & Non-Default Data**

Project Characteristics -

Land Use - total on-site and off-site area of disturbance

Construction Phase - construction duration is winter 2022 to spring 2024

Off-road Equipment -

Off-road Equipment - .

Trips and VMT - .

Grading - on-site area of disturbance

Construction Off-road Equipment Mitigation - compliance with SCAQMD rule 403

Table Name	Column Name	Default Value	New Value
tblConstructionPhase	NumDays	2.00	20.00
tblConstructionPhase	NumDays	4.00	20.00

Willow Substation - South Coast AQMD Air District, Winter

**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**

tblConstructionPhase	NumDays	10.00	20.00
tblGrading	AcresOfGrading	20.00	0.39
tblGrading	AcresOfGrading	18.75	0.39
tblTripsAndVMT	HaulingTripNumber	0.00	20.00
tblTripsAndVMT	VendorTripNumber	0.00	7.00

**2.0 Emissions Summary**

**2.1 Overall Construction (Maximum Daily Emission)**

**Unmitigated Construction**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2022	1.7401	17.0101	14.4464	0.0260	6.1546	0.8401	6.8975	3.3421	0.7849	4.0256	0.0000	2,515.0254	2,515.0254	0.6481	0.0139	2,534.1518
2023	1.5913	14.4911	13.2858	0.0250	6.1546	0.6050	6.7595	3.3421	0.5566	3.8987	0.0000	2,307.0473	2,307.0473	0.6479	0.0242	2,322.9913
2024	1.4840	11.3694	13.1512	0.0249	0.2460	0.4532	0.6992	0.0663	0.4372	0.5035	0.0000	2,300.3089	2,300.3089	0.4143	0.0237	2,315.9133
<b>Maximum</b>	<b>1.7401</b>	<b>17.0101</b>	<b>14.4464</b>	<b>0.0260</b>	<b>6.1546</b>	<b>0.8401</b>	<b>6.8975</b>	<b>3.3421</b>	<b>0.7849</b>	<b>4.0256</b>	<b>0.0000</b>	<b>2,515.0254</b>	<b>2,515.0254</b>	<b>0.6481</b>	<b>0.0242</b>	<b>2,534.1518</b>

**Mitigated Construction**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
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Willow Substation - South Coast AQMD Air District, Winter

**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**

Year	lb/day											lb/day				
2022	1.7401	17.0101	14.4464	0.0260	2.4685	0.8401	3.2114	1.3215	0.7849	2.0050	0.0000	2,515.0254	2,515.0254	0.6481	0.0139	2,534.1518
2023	1.5913	14.4911	13.2858	0.0250	2.4685	0.6050	3.0734	1.3215	0.5566	1.8781	0.0000	2,307.0473	2,307.0473	0.6479	0.0242	2,322.9913
2024	1.4840	11.3694	13.1512	0.0249	0.2460	0.4532	0.6992	0.0663	0.4372	0.5035	0.0000	2,300.3089	2,300.3089	0.4143	0.0237	2,315.9133
<b>Maximum</b>	<b>1.7401</b>	<b>17.0101</b>	<b>14.4464</b>	<b>0.0260</b>	<b>2.4685</b>	<b>0.8401</b>	<b>3.2114</b>	<b>1.3215</b>	<b>0.7849</b>	<b>2.0050</b>	<b>0.0000</b>	<b>2,515.0254</b>	<b>2,515.0254</b>	<b>0.6481</b>	<b>0.0242</b>	<b>2,534.1518</b>

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	58.72	0.00	51.35	59.87	0.00	47.95	0.00	0.00	0.00	0.00	0.00	0.00

**2.2 Overall Operational**

**Unmitigated Operational**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day											lb/day				
Area	0.0197	0.0000	1.1000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		2.3000e-004	2.3000e-004	0.0000	0.0000	2.4000e-004
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
<b>Total</b>	<b>0.0197</b>	<b>0.0000</b>	<b>1.1000e-004</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>		<b>2.3000e-004</b>	<b>2.3000e-004</b>	<b>0.0000</b>	<b>0.0000</b>	<b>2.4000e-004</b>

Willow Substation - South Coast AQMD Air District, Winter

**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**

**Mitigated Operational**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	0.0197	0.0000	1.1000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		2.3000e-004	2.3000e-004	0.0000		2.4000e-004
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
<b>Total</b>	<b>0.0197</b>	<b>0.0000</b>	<b>1.1000e-004</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>		<b>2.3000e-004</b>	<b>2.3000e-004</b>	<b>0.0000</b>	<b>0.0000</b>	<b>2.4000e-004</b>

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

**3.0 Construction Detail**

**Construction Phase**

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	11/1/2022	11/28/2022	5	20	
2	Site Preparation	Site Preparation	11/29/2022	12/26/2022	5	20	
3	Grading	Grading	12/27/2022	1/23/2023	5	20	
4	Trenching	Trenching	1/24/2023	3/18/2024	5	300	
5	Paving	Paving	3/19/2024	4/15/2024	5	20	

Willow Substation - South Coast AQMD Air District, Winter

**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**

**Acres of Grading (Site Preparation Phase): 0.39**

**Acres of Grading (Grading Phase): 0.39**

**Acres of Paving: 1.05**

**Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 0 (Architectural Coating –**

**OffRoad Equipment**

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition	Rubber Tired Dozers	1	8.00	247	0.40
Demolition	Tractors/Loaders/Backhoes	3	8.00	97	0.37
Site Preparation	Graders	1	8.00	187	0.41
Site Preparation	Rubber Tired Dozers	1	7.00	247	0.40
Site Preparation	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Grading	Graders	1	8.00	187	0.41
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Grading	Tractors/Loaders/Backhoes	2	7.00	97	0.37
Trenching	Cranes	1	6.00	231	0.29
Trenching	Forklifts	1	6.00	89	0.20
Trenching	Generator Sets	1	8.00	84	0.74
Trenching	Tractors/Loaders/Backhoes	1	6.00	97	0.37
Trenching	Welders	3	8.00	46	0.45
Paving	Cement and Mortar Mixers	1	6.00	9	0.56
Paving	Pavers	1	6.00	130	0.42
Paving	Paving Equipment	1	8.00	132	0.36
Paving	Rollers	1	7.00	80	0.38
Paving	Tractors/Loaders/Backhoes	1	8.00	97	0.37

**Trips and VMT**

Willow Substation - South Coast AQMD Air District, Winter

**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	5	13.00	0.00	20.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	3	8.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Grading	4	10.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Trenching	7	18.00	7.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Paving	5	13.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

**3.1 Mitigation Measures Construction**

Water Exposed Area

**3.2 Demolition - 2022**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.6889	16.6217	13.9605	0.0241		0.8379	0.8379		0.7829	0.7829		2,323.4168	2,323.4168	0.5921		2,338.2191
<b>Total</b>	<b>1.6889</b>	<b>16.6217</b>	<b>13.9605</b>	<b>0.0241</b>		<b>0.8379</b>	<b>0.8379</b>		<b>0.7829</b>	<b>0.7829</b>		<b>2,323.4168</b>	<b>2,323.4168</b>	<b>0.5921</b>		<b>2,338.2191</b>

**Unmitigated Construction Off-Site**

Willow Substation - South Coast AQMD Air District, Winter

**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	4.1100e-003	0.1629	0.0380	6.1000e-004	0.0175	1.3100e-003	0.0188	4.7900e-003	1.2500e-003	6.0500e-003		66.4085	66.4085	3.5600e-003	0.0105	69.6392
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0471	0.0344	0.4480	1.2400e-003	0.1453	8.7000e-004	0.1462	0.0385	8.0000e-004	0.0393		125.2000	125.2000	3.5200e-003	3.3700e-003	126.2936
<b>Total</b>	<b>0.0512</b>	<b>0.1973</b>	<b>0.4859</b>	<b>1.8500e-003</b>	<b>0.1628</b>	<b>2.1800e-003</b>	<b>0.1650</b>	<b>0.0433</b>	<b>2.0500e-003</b>	<b>0.0454</b>		<b>191.6085</b>	<b>191.6085</b>	<b>7.0800e-003</b>	<b>0.0139</b>	<b>195.9327</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.6889	16.6217	13.9605	0.0241		0.8379	0.8379		0.7829	0.7829	0.0000	2,323.4168	2,323.4168	0.5921		2,338.2191
<b>Total</b>	<b>1.6889</b>	<b>16.6217</b>	<b>13.9605</b>	<b>0.0241</b>		<b>0.8379</b>	<b>0.8379</b>		<b>0.7829</b>	<b>0.7829</b>	<b>0.0000</b>	<b>2,323.4168</b>	<b>2,323.4168</b>	<b>0.5921</b>		<b>2,338.2191</b>

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
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Willow Substation - South Coast AQMD Air District, Winter

**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**

Category	lb/day										lb/day				
	Hauling	4.1100e-003	0.1629	0.0380	6.1000e-004	0.0175	1.3100e-003	0.0188	4.7900e-003	1.2500e-003	6.0500e-003	66.4085	66.4085	3.5600e-003	0.0105
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0471	0.0344	0.4480	1.2400e-003	0.1453	8.7000e-004	0.1462	0.0385	8.0000e-004	0.0393	125.2000	125.2000	3.5200e-003	3.3700e-003	126.2936
<b>Total</b>	<b>0.0512</b>	<b>0.1973</b>	<b>0.4859</b>	<b>1.8500e-003</b>	<b>0.1628</b>	<b>2.1800e-003</b>	<b>0.1650</b>	<b>0.0433</b>	<b>2.0500e-003</b>	<b>0.0454</b>	<b>191.6085</b>	<b>191.6085</b>	<b>7.0800e-003</b>	<b>0.0139</b>	<b>195.9327</b>

**3.3 Site Preparation - 2022**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					5.2900	0.0000	5.2900	2.8987	0.0000	2.8987			0.0000			0.0000
Off-Road	1.3122	14.6277	7.0939	0.0172		0.6225	0.6225		0.5727	0.5727		1,666.1738	1,666.1738	0.5389		1,679.6457
<b>Total</b>	<b>1.3122</b>	<b>14.6277</b>	<b>7.0939</b>	<b>0.0172</b>	<b>5.2900</b>	<b>0.6225</b>	<b>5.9125</b>	<b>2.8987</b>	<b>0.5727</b>	<b>3.4714</b>		<b>1,666.1738</b>	<b>1,666.1738</b>	<b>0.5389</b>		<b>1,679.6457</b>

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
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Willow Substation - South Coast AQMD Air District, Winter

**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**

Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
Worker	0.0290	0.0212	0.2757	7.6000e-004	0.0894	5.3000e-004	0.0900	0.0237	4.9000e-004	0.0242	77.0462	77.0462	2.1600e-003	2.0800e-003	77.7191	
<b>Total</b>	<b>0.0290</b>	<b>0.0212</b>	<b>0.2757</b>	<b>7.6000e-004</b>	<b>0.0894</b>	<b>5.3000e-004</b>	<b>0.0900</b>	<b>0.0237</b>	<b>4.9000e-004</b>	<b>0.0242</b>	<b>77.0462</b>	<b>77.0462</b>	<b>2.1600e-003</b>	<b>2.0800e-003</b>	<b>77.7191</b>	

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					2.0631	0.0000	2.0631	1.1305	0.0000	1.1305			0.0000			0.0000
Off-Road	1.3122	14.6277	7.0939	0.0172		0.6225	0.6225		0.5727	0.5727	0.0000	1,666.1738	1,666.1738	0.5389		1,679.6457
<b>Total</b>	<b>1.3122</b>	<b>14.6277</b>	<b>7.0939</b>	<b>0.0172</b>	<b>2.0631</b>	<b>0.6225</b>	<b>2.6856</b>	<b>1.1305</b>	<b>0.5727</b>	<b>1.7032</b>	<b>0.0000</b>	<b>1,666.1738</b>	<b>1,666.1738</b>	<b>0.5389</b>		<b>1,679.6457</b>

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
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Willow Substation - South Coast AQMD Air District, Winter

**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**

Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0290	0.0212	0.2757	7.6000e-004	0.0894	5.3000e-004	0.0900	0.0237	4.9000e-004	0.0242	77.0462	77.0462	2.1600e-003	2.0800e-003	77.7191	
<b>Total</b>	<b>0.0290</b>	<b>0.0212</b>	<b>0.2757</b>	<b>7.6000e-004</b>	<b>0.0894</b>	<b>5.3000e-004</b>	<b>0.0900</b>	<b>0.0237</b>	<b>4.9000e-004</b>	<b>0.0242</b>	<b>77.0462</b>	<b>77.0462</b>	<b>2.1600e-003</b>	<b>2.0800e-003</b>	<b>77.7191</b>	

**3.4 Grading - 2022**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.0428	0.0000	6.0428	3.3125	0.0000	3.3125			0.0000			0.0000
Off-Road	1.5403	16.9836	9.2202	0.0206		0.7423	0.7423		0.6829	0.6829		1,995.4825	1,995.4825	0.6454		2,011.6169
<b>Total</b>	<b>1.5403</b>	<b>16.9836</b>	<b>9.2202</b>	<b>0.0206</b>	<b>6.0428</b>	<b>0.7423</b>	<b>6.7851</b>	<b>3.3125</b>	<b>0.6829</b>	<b>3.9954</b>		<b>1,995.4825</b>	<b>1,995.4825</b>	<b>0.6454</b>		<b>2,011.6169</b>

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
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Willow Substation - South Coast AQMD Air District, Winter

**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**

Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
Worker	0.0362	0.0265	0.3446	9.5000e-004	0.1118	6.7000e-004	0.1124	0.0296	6.1000e-004	0.0303	96.3077	96.3077	2.7000e-003	2.6000e-003	97.1489	
<b>Total</b>	<b>0.0362</b>	<b>0.0265</b>	<b>0.3446</b>	<b>9.5000e-004</b>	<b>0.1118</b>	<b>6.7000e-004</b>	<b>0.1124</b>	<b>0.0296</b>	<b>6.1000e-004</b>	<b>0.0303</b>	<b>96.3077</b>	<b>96.3077</b>	<b>2.7000e-003</b>	<b>2.6000e-003</b>	<b>97.1489</b>	

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					2.3567	0.0000	2.3567	1.2919	0.0000	1.2919			0.0000			0.0000
Off-Road	1.5403	16.9836	9.2202	0.0206		0.7423	0.7423		0.6829	0.6829	0.0000	1,995.4825	1,995.4825	0.6454		2,011.6169
<b>Total</b>	<b>1.5403</b>	<b>16.9836</b>	<b>9.2202</b>	<b>0.0206</b>	<b>2.3567</b>	<b>0.7423</b>	<b>3.0990</b>	<b>1.2919</b>	<b>0.6829</b>	<b>1.9748</b>	<b>0.0000</b>	<b>1,995.4825</b>	<b>1,995.4825</b>	<b>0.6454</b>		<b>2,011.6169</b>

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
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Willow Substation - South Coast AQMD Air District, Winter

**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**

Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
Worker	0.0362	0.0265	0.3446	9.5000e-004	0.1118	6.7000e-004	0.1124	0.0296	6.1000e-004	0.0303	96.3077	96.3077	2.7000e-003	2.6000e-003	97.1489	
<b>Total</b>	<b>0.0362</b>	<b>0.0265</b>	<b>0.3446</b>	<b>9.5000e-004</b>	<b>0.1118</b>	<b>6.7000e-004</b>	<b>0.1124</b>	<b>0.0296</b>	<b>6.1000e-004</b>	<b>0.0303</b>	<b>96.3077</b>	<b>96.3077</b>	<b>2.7000e-003</b>	<b>2.6000e-003</b>	<b>97.1489</b>	

**3.4 Grading - 2023**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.0428	0.0000	6.0428	3.3125	0.0000	3.3125			0.0000			0.0000
Off-Road	1.3330	14.4676	8.7038	0.0206		0.6044	0.6044		0.5560	0.5560		1,995.6147	1,995.6147	0.6454		2,011.7503
<b>Total</b>	<b>1.3330</b>	<b>14.4676</b>	<b>8.7038</b>	<b>0.0206</b>	<b>6.0428</b>	<b>0.6044</b>	<b>6.6471</b>	<b>3.3125</b>	<b>0.5560</b>	<b>3.8685</b>		<b>1,995.6147</b>	<b>1,995.6147</b>	<b>0.6454</b>		<b>2,011.7503</b>

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
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Willow Substation - South Coast AQMD Air District, Winter

**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**

Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
Worker	0.0337	0.0234	0.3175	9.2000e-004	0.1118	6.3000e-004	0.1124	0.0296	5.8000e-004	0.0302	93.2166	93.2166	2.4300e-003	2.4000e-003	93.9918	
<b>Total</b>	<b>0.0337</b>	<b>0.0234</b>	<b>0.3175</b>	<b>9.2000e-004</b>	<b>0.1118</b>	<b>6.3000e-004</b>	<b>0.1124</b>	<b>0.0296</b>	<b>5.8000e-004</b>	<b>0.0302</b>	<b>93.2166</b>	<b>93.2166</b>	<b>2.4300e-003</b>	<b>2.4000e-003</b>	<b>93.9918</b>	

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					2.3567	0.0000	2.3567	1.2919	0.0000	1.2919			0.0000			0.0000
Off-Road	1.3330	14.4676	8.7038	0.0206		0.6044	0.6044		0.5560	0.5560	0.0000	1,995.6147	1,995.6147	0.6454		2,011.7503
<b>Total</b>	<b>1.3330</b>	<b>14.4676</b>	<b>8.7038</b>	<b>0.0206</b>	<b>2.3567</b>	<b>0.6044</b>	<b>2.9610</b>	<b>1.2919</b>	<b>0.5560</b>	<b>1.8479</b>	<b>0.0000</b>	<b>1,995.6147</b>	<b>1,995.6147</b>	<b>0.6454</b>		<b>2,011.7503</b>

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
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Willow Substation - South Coast AQMD Air District, Winter

**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**

Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0337	0.0234	0.3175	9.2000e-004	0.1118	6.3000e-004	0.1124	0.0296	5.8000e-004	0.0302		93.2166	93.2166	2.4300e-003	2.4000e-003	93.9918
<b>Total</b>	<b>0.0337</b>	<b>0.0234</b>	<b>0.3175</b>	<b>9.2000e-004</b>	<b>0.1118</b>	<b>6.3000e-004</b>	<b>0.1124</b>	<b>0.0296</b>	<b>5.8000e-004</b>	<b>0.0302</b>		<b>93.2166</b>	<b>93.2166</b>	<b>2.4300e-003</b>	<b>2.4000e-003</b>	<b>93.9918</b>

**3.5 Trenching - 2023**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.5233	11.7104	12.6111	0.0221		0.5145	0.5145		0.4968	0.4968		2,001.7877	2,001.7877	0.3399		2,010.2858
<b>Total</b>	<b>1.5233</b>	<b>11.7104</b>	<b>12.6111</b>	<b>0.0221</b>		<b>0.5145</b>	<b>0.5145</b>		<b>0.4968</b>	<b>0.4968</b>		<b>2,001.7877</b>	<b>2,001.7877</b>	<b>0.3399</b>		<b>2,010.2858</b>

**Unmitigated Construction Off-Site**

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

Willow Substation - South Coast AQMD Air District, Winter

**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**

Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	7.4100e-003	0.2667	0.1033	1.2800e-003	0.0448	1.4900e-003	0.0463	0.0129	1.4200e-003	0.0143	137.4697	137.4697	4.5900e-003	0.0199	143.5203	
Worker	0.0607	0.0422	0.5714	1.6600e-003	0.2012	1.1300e-003	0.2023	0.0534	1.0400e-003	0.0544	167.7899	167.7899	4.3800e-003	4.3200e-003	169.1853	
<b>Total</b>	<b>0.0681</b>	<b>0.3089</b>	<b>0.6747</b>	<b>2.9400e-003</b>	<b>0.2460</b>	<b>2.6200e-003</b>	<b>0.2486</b>	<b>0.0663</b>	<b>2.4600e-003</b>	<b>0.0687</b>	<b>305.2596</b>	<b>305.2596</b>	<b>8.9700e-003</b>	<b>0.0242</b>	<b>312.7056</b>	

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.5233	11.7104	12.6111	0.0221		0.5145	0.5145		0.4968	0.4968	0.0000	2,001.7877	2,001.7877	0.3399		2,010.2858
<b>Total</b>	<b>1.5233</b>	<b>11.7104</b>	<b>12.6111</b>	<b>0.0221</b>		<b>0.5145</b>	<b>0.5145</b>		<b>0.4968</b>	<b>0.4968</b>	<b>0.0000</b>	<b>2,001.7877</b>	<b>2,001.7877</b>	<b>0.3399</b>		<b>2,010.2858</b>

**Mitigated Construction Off-Site**

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

Willow Substation - South Coast AQMD Air District, Winter

**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**

Vendor	7.4100e-003	0.2667	0.1033	1.2800e-003	0.0448	1.4900e-003	0.0463	0.0129	1.4200e-003	0.0143		137.4697	137.4697	4.5900e-003	0.0199	143.5203
Worker	0.0607	0.0422	0.5714	1.6600e-003	0.2012	1.1300e-003	0.2023	0.0534	1.0400e-003	0.0544		167.7899	167.7899	4.3800e-003	4.3200e-003	169.1853
<b>Total</b>	<b>0.0681</b>	<b>0.3089</b>	<b>0.6747</b>	<b>2.9400e-003</b>	<b>0.2460</b>	<b>2.6200e-003</b>	<b>0.2486</b>	<b>0.0663</b>	<b>2.4600e-003</b>	<b>0.0687</b>		<b>305.2596</b>	<b>305.2596</b>	<b>8.9700e-003</b>	<b>0.0242</b>	<b>312.7056</b>

**3.5 Trenching - 2024**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.4200	11.0639	12.5172	0.0221		0.4506	0.4506		0.4348	0.4348		2,001.9214	2,001.9214	0.3334		2,010.2563
<b>Total</b>	<b>1.4200</b>	<b>11.0639</b>	<b>12.5172</b>	<b>0.0221</b>		<b>0.4506</b>	<b>0.4506</b>		<b>0.4348</b>	<b>0.4348</b>		<b>2,001.9214</b>	<b>2,001.9214</b>	<b>0.3334</b>		<b>2,010.2563</b>

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	7.2200e-003	0.2679	0.1016	1.2600e-003	0.0448	1.4900e-003	0.0463	0.0129	1.4300e-003	0.0143		135.4961	135.4961	4.5900e-003	0.0197	141.4697

Willow Substation - South Coast AQMD Air District, Winter

**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**

Worker	0.0568	0.0377	0.5324	1.6100e-003	0.2012	1.0800e-003	0.2023	0.0534	9.9000e-004	0.0544		162.8913	162.8913	3.9700e-003	4.0200e-003	164.1873
<b>Total</b>	<b>0.0640</b>	<b>0.3056</b>	<b>0.6340</b>	<b>2.8700e-003</b>	<b>0.2460</b>	<b>2.5700e-003</b>	<b>0.2486</b>	<b>0.0663</b>	<b>2.4200e-003</b>	<b>0.0687</b>		<b>298.3875</b>	<b>298.3875</b>	<b>8.5600e-003</b>	<b>0.0237</b>	<b>305.6571</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.4200	11.0639	12.5172	0.0221		0.4506	0.4506		0.4348	0.4348	0.0000	2,001.9214	2,001.9214	0.3334		2,010.2563
<b>Total</b>	<b>1.4200</b>	<b>11.0639</b>	<b>12.5172</b>	<b>0.0221</b>		<b>0.4506</b>	<b>0.4506</b>		<b>0.4348</b>	<b>0.4348</b>	<b>0.0000</b>	<b>2,001.9214</b>	<b>2,001.9214</b>	<b>0.3334</b>		<b>2,010.2563</b>

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	7.2200e-003	0.2679	0.1016	1.2600e-003	0.0448	1.4900e-003	0.0463	0.0129	1.4300e-003	0.0143		135.4961	135.4961	4.5900e-003	0.0197	141.4697
Worker	0.0568	0.0377	0.5324	1.6100e-003	0.2012	1.0800e-003	0.2023	0.0534	9.9000e-004	0.0544		162.8913	162.8913	3.9700e-003	4.0200e-003	164.1873

Willow Substation - South Coast AQMD Air District, Winter

**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**

Total	0.0640	0.3056	0.6340	2.8700e-003	0.2460	2.5700e-003	0.2486	0.0663	2.4200e-003	0.0687		298.3875	298.3875	8.5600e-003	0.0237	305.6571
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**3.6 Paving - 2024**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.6180	5.8607	8.8253	0.0136		0.2810	0.2810		0.2594	0.2594		1,297.8688	1,297.8688	0.4114		1,308.1547
Paving	0.1376					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
<b>Total</b>	<b>0.7555</b>	<b>5.8607</b>	<b>8.8253</b>	<b>0.0136</b>		<b>0.2810</b>	<b>0.2810</b>		<b>0.2594</b>	<b>0.2594</b>		<b>1,297.8688</b>	<b>1,297.8688</b>	<b>0.4114</b>		<b>1,308.1547</b>

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0410	0.0272	0.3845	1.1600e-003	0.1453	7.8000e-004	0.1461	0.0385	7.2000e-004	0.0393		117.6437	117.6437	2.8700e-003	2.9000e-003	118.5797

Willow Substation - South Coast AQMD Air District, Winter

**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**

<b>Total</b>	0.0410	0.0272	0.3845	1.1600e-003	0.1453	7.8000e-004	0.1461	0.0385	7.2000e-004	0.0393		117.6437	117.6437	2.8700e-003	2.9000e-003	118.5797
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**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
<b>Category</b>	lb/day										lb/day					
Off-Road	0.6180	5.8607	8.8253	0.0136		0.2810	0.2810		0.2594	0.2594	0.0000	1,297.8688	1,297.8688	0.4114		1,308.1547
Paving	0.1376					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
<b>Total</b>	<b>0.7555</b>	<b>5.8607</b>	<b>8.8253</b>	<b>0.0136</b>		<b>0.2810</b>	<b>0.2810</b>		<b>0.2594</b>	<b>0.2594</b>	<b>0.0000</b>	<b>1,297.8688</b>	<b>1,297.8688</b>	<b>0.4114</b>		<b>1,308.1547</b>

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
<b>Category</b>	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0410	0.0272	0.3845	1.1600e-003	0.1453	7.8000e-004	0.1461	0.0385	7.2000e-004	0.0393		117.6437	117.6437	2.8700e-003	2.9000e-003	118.5797

Willow Substation - South Coast AQMD Air District, Winter

**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**

Total	0.0410	0.0272	0.3845	1.1600e-003	0.1453	7.8000e-004	0.1461	0.0385	7.2000e-004	0.0393		117.6437	117.6437	2.8700e-003	2.9000e-003	118.5797
-------	--------	--------	--------	-------------	--------	-------------	--------	--------	-------------	--------	--	----------	----------	-------------	-------------	----------

**4.0 Operational Detail - Mobile**

**4.1 Mitigation Measures Mobile**

Category	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
	lb/day										lb/day					
Mitigated	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Unmitigated	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000

**4.2 Trip Summary Information**

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Other Asphalt Surfaces	0.00	0.00	0.00		
Total	0.00	0.00	0.00		

**4.3 Trip Type Information**

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Other Asphalt Surfaces	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0



Willow Substation - South Coast AQMD Air District, Winter

**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**

Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
<b>Total</b>		<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>		<b>0.0000</b>	<b>0.0000</b>		<b>0.0000</b>	<b>0.0000</b>		<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>

**Mitigated**

	Natural Gas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
<b>Total</b>		<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>		<b>0.0000</b>	<b>0.0000</b>		<b>0.0000</b>	<b>0.0000</b>		<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>

**6.0 Area Detail**

**6.1 Mitigation Measures Area**

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

Willow Substation - South Coast AQMD Air District, Winter

**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**

Mitigated	0.0197	0.0000	1.1000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2.3000e-004	2.3000e-004	0.0000	2.4000e-004
Unmitigated	0.0197	0.0000	1.1000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2.3000e-004	2.3000e-004	0.0000	2.4000e-004

**6.2 Area by SubCategory**

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	3.4800e-003					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.0162					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	1.0000e-005	0.0000	1.1000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		2.3000e-004	2.3000e-004	0.0000		2.4000e-004
<b>Total</b>	<b>0.0197</b>	<b>0.0000</b>	<b>1.1000e-004</b>	<b>0.0000</b>		<b>0.0000</b>	<b>0.0000</b>		<b>0.0000</b>	<b>0.0000</b>		<b>2.3000e-004</b>	<b>2.3000e-004</b>	<b>0.0000</b>		<b>2.4000e-004</b>

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	3.4800e-003					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000

Willow Substation - South Coast AQMD Air District, Winter

**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**

Consumer Products	0.0162					0.0000	0.0000		0.0000	0.0000			0.0000		0.0000
Landscaping	1.0000e-005	0.0000	1.1000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		2.3000e-004	2.3000e-004	0.0000	2.4000e-004
<b>Total</b>	<b>0.0197</b>	<b>0.0000</b>	<b>1.1000e-004</b>	<b>0.0000</b>		<b>0.0000</b>	<b>0.0000</b>		<b>0.0000</b>	<b>0.0000</b>		<b>2.3000e-004</b>	<b>2.3000e-004</b>	<b>0.0000</b>	<b>2.4000e-004</b>

**7.0 Water Detail**

**7.1 Mitigation Measures Water**

**8.0 Waste Detail**

**8.1 Mitigation Measures Waste**

**9.0 Operational Offroad**

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type
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**10.0 Stationary Equipment**

**Fire Pumps and Emergency Generators**

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type
----------------	--------	-----------	------------	-------------	-------------	-----------

**Boilers**

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type
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**User Defined Equipment**

Equipment Type	Number
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**11.0 Vegetation**

Willow Substation - South Coast AQMD Air District, Winter

**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**

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# Appendix B

## Phase I Environmental Site Assessment



# Phase I Environmental Site Assessment

Willow Substation

*Burbank, California*

April 12, 2021

## **Prepared for:**

Burbank Water and Power  
Burbank, California

## **Prepared by:**

HDR Engineering, Inc.  
100 Oceangate, Suite 1120  
Long Beach, California 90802

# Executive Summary

HDR Engineering, Inc. (HDR) conducted a Phase I Environmental Site Assessment (ESA) of the approximately 0.47-acre proposed Willow Substation (Subject Property) site. The parcel (Assessor's Parcel Number 2484-021-900) is located at 228 South Naomi Street in Burbank, California. The Phase I ESA has been prepared for Burbank Water and Power (BWP) prior to the proposed design and construction of the proposed substation.

The Subject Property includes a control building and existing substation. The area surrounding the Subject Property consists of commercial land uses within Media District and Planned Development zones. The Subject Property is bordered by West Willow Street to the north, South Naomi Street to the west, and a surface parking lot and multi-story parking garage to the east and south. Commercial structures are present in the surrounding vicinity.

This Phase I ESA identifies Recognized Environmental Conditions (RECs) that may adversely affect the Subject Property and was conducted in general accordance with the scope and limitations of the American Society for Testing and Materials International (ASTM) E1527-13. This report includes a summary of the site reconnaissance and interviews conducted on January 13, 2021, and a review of environmental databases and historical data sources. Any exceptions to or deletions from these ASTM standards are described later in this report.

## Findings

The general findings of this assessment include the following:

- The Subject Property consists of one parcel at an elevation approximately 530 feet above mean sea level (amsl). The topography of the site was flat, and surface drainage generally flowed to storm drains in the streets or was designed to infiltrate the soil through a gravel pad.
- The Subject Property consisted of two residential dwellings and associated outbuildings until the late 1960s when the structures were removed to construct the Naomi Substation and control building.
- The geology underlying the Subject Property generally consists of shallow Quaternary alluvial deposits or valley fill (Saugus Formation) underlain by older, non-water bearing Tertiary (generally crystalline and igneous metamorphic rocks), Tertiary-Cretaceous, and Pre-Tertiary period units, which are generally marine sedimentary deposits.
- The Subject Property is located within the San Fernando Valley Groundwater Basin. Groundwater beneath the Subject Property is at 425 amsl.
- Historic aerial photographs indicate the area surrounding the Subject Property consisted mainly of residential development until roughly 1950. From the 1940s up to roughly 2005, commercial and industrial development occurred adjacent to and along the main roads near the Subject Property including West Olive Avenue, West Alameda Avenue, West Willow Street, and South Frederic Street.
- On January 13, 2021, HDR conducted a site reconnaissance. The Subject Property consisted of a yard with a control building including a control room, switchgear, small bathroom, and battery room. The control building is a single-story structure with stucco exterior and

terracotta roof. The yard was paved with asphalt, concrete, and gravel surfaces. Walls enclosed the entire yard.

- On January 13, 2021, HDR conducted an interview with a Burbank Water and Power technician. The technician indicated that none of the onsite equipment has contained polychlorinated biphenyls (PCBs) since at least the 1990s, and equipment is tested every time the oil needs to be changed with used oil disposed at an appropriate disposal facility. No incidents such as fires, explosions, or chemical spills have occurred at the site. The Subject Property was not used to store or handle chemicals.
- The Environmental Risk Information Services database report included 145 listings located within the requested search radii. The surrounding area (up to a 1-mile radius) was included in the database search. Four listings were reported for the Subject Property.
- The San Fernando Valley (SFV) Superfund Site's North Hollywood Wellfield Area Burbank Operable Unit was identified in the database report as a National Priority Listing site that underlies the Subject Property. The SFV Superfund Site is a 20-square-mile area of contaminated groundwater located primarily in North Hollywood and Burbank, California. Contaminants of concern are mainly volatile organic compounds (VOCs) including trichloroethylene (TCE) and perchloroethylene (PCE).

## Opinions

HDR reviewed data sources, which are part of the ASTM E1527-13 assessment protocol and developed the following professional opinions:

- Sites located east and south of the Subject Property are located downgradient or crossgradient to the Subject Property and likely not a potential source of contamination.
- Affected groundwater sites are unlikely sources of contamination on the Subject Property.
- Remediation of the VOC plume within the SFV Superfund Site is ongoing, and VOCs have been detected in the groundwater immediately below the Subject Property.
- Groundwater below the Subject Property is contaminated with PCE and TCE associated with the North Hollywood Operable Unit/Burbank Operable Unit of the SFV Superfund Site. Remediation is ongoing, and engineering and institutional controls are in place. This groundwater contamination is a REC.
- The use of PCB-containing oils in electrical equipment at the Subject Property prior to the 1990s is likely. However, no releases were documented in the regulatory file review. The Subject Property's historical use of PCBs prior to regulatory reporting requirements is a REC.

## Conclusions

HDR has identified three RECs for the Subject Property, as enumerated in the sections above. The following statement is required by ASTM E1527-13 as a positive declaration of whether RECs were found:

*HDR has performed a Phase I ESA in conformance with the scope and limitations of ASTM E1527-13 of the approximately 0.47-acre Naomi Substation site located at 228 South Naomi Street (Subject Property) in Burbank, California 91505. Any exceptions to or deletions from these practices are described in later sections of this report. This report has revealed three RECs in connection with the Subject Property:*

- *Groundwater below the Subject Property is contaminated with PCE and TCE associated with the North Hollywood Operable Unit/Burbank Operable Unit of the SFV Superfund Site.*
- *The Subject Property's likely historical use of PCBs prior to the establishment of environmental regulatory reporting requirements.*
- *The onsite transformers containing dielectric oil are considered aboveground storage tanks.*

## Recommendations

Recommendations included in this report were developed through the investigative procedures described in Section 1.4 and should be reviewed within the context of the limitations provided in Section 1.4.

Based on the stated findings and conclusions, HDR makes the following recommendations:

### Recommendation 1

Due to the potential for near-surface soil contamination with PCB oil near the transformers located on the Subject Property, HDR recommends BWP complete a Phase II ESA of the Subject Property. Based on the depth of groundwater below the Subject Property, groundwater sampling is not recommended. The Phase II ESA should concentrate on waste management and worker safety rather than defining the lateral and vertical extents of contamination.



## Contents

Executive Summary .....	i
1 Introduction .....	1
1.1 Purpose .....	1
1.2 Report Users .....	2
1.3 ESA Methodology.....	2
1.4 Scope of Services, Significant Assumptions, and Limitations.....	2
2 Site Description .....	4
2.1 Location and Legal Description.....	4
2.2 Site and Vicinity Characteristics .....	5
2.3 Description of Structures, Roads, and Other Site Improvements .....	5
2.4 Area Geology and Hydrogeology .....	5
3 User-provided Information.....	6
4 Records Review .....	6
4.1 Environmental Records Review .....	6
4.1.1 Initial Screening Criteria .....	8
4.2 Summary of Listed Records .....	8
4.3 Historical Use Information .....	9
4.3.1 Fire Insurance Maps.....	9
4.3.2 City Directory Information.....	9
4.3.3 Historical Aerial Photographs.....	10
4.3.4 Historical Topographic Maps.....	11
4.4 Environmental Liens and Additional Information.....	12
4.5 Summary of Previous Environmental Investigations.....	12
4.5.1 San Fernando Valley (Area 1) Superfund Site.....	12
4.5.2 FotoKem Film & Video/Foto-Kem Industries, Inc./Foto Tronics, 2800 West Olive Avenue .....	13
5 Site Reconnaissance and Interviews .....	13
5.1 Site Reconnaissance and Site Descriptions .....	13
5.2 Site Interviews .....	14
5.3 Utilities and PCBs.....	14
6 Data Gap Analysis.....	14
7 Findings and Conclusions .....	15
7.1 Findings.....	15
7.2 Opinions .....	16
7.3 Conclusions.....	16
8 Recommendations .....	17
8.1 Recommendation 1 .....	<b>Error! Bookmark not defined.</b>
8.2 Recommendation 2 .....	17
9 Qualifications of Environmental Professionals.....	18
9.1 Signatures and Qualifications .....	18



9.1.1	Qualifications of Environmental Professionals .....	18
9.1.2	Qualifications of QA/QC Review Professionals .....	19
10	References .....	20

## Tables

Table 4-1.	Summary of Environmental Database Search .....	7
Table 4-2.	Description of Aerial Photographs .....	10

## Appendices

- Appendix A. Figures
- Appendix B. Photographic Documentation
- Appendix C. ERIS Report 10257467
- Appendix D. Historical Aerial Photographs
- Appendix E. Previous Investigations

## Acronyms

AAI	All Appropriate Inquires
amsl	above mean sea level
ASTM	American Society for Testing and Materials International
bgs	below ground surface
BOU	Burbank Operable Unit
BWP	Burbank Water and Power
CalEPA	California Environmental Protection Agency
CERS	California Environmental Reporting System
CFR	Code of Federal Regulations
CREC	Controlled Recognized Environmental Condition
CUPA	Certified Unified Program Agency
ERIS	Environmental Risk Information Services
EPA	Environmental Protection Agency
ESA	Environmental Site Assessment
FINDS/FERS	Facility Index System/Facility Registry Service
HDR	HDR Engineering, Inc.
HREC	Historical Recognized Environmental Condition
LUST	Leaking Underground Storage Tank
NHOU	North Hollywood Operable Unit
NPL	National Priorities List
OU	Operable Unit
PCB	polychlorinated biphenyls
PCE	perchloroethylene
RCRA	Resource Conservation and Recovery Act
REC	Recognized Environmental Condition
SFV	San Fernando Valley
SFVGWB	San Fernando Valley Groundwater Basin
SWRCB	State Water Resources Control Board
TCE	trichloroethylene
USC	United States Code
UST	underground storage tank
VOC	volatile organic compound

# 1 Introduction

## 1.1 Purpose

This Phase I Environmental Site Assessment (ESA) report documents indications of Recognized Environmental Conditions (RECs) at the approximately 0.47-acre proposed Willow Substation (Subject Property) site located at 228 South Naomi Street in Burbank, California. The American Society for Testing and Materials International (ASTM 2013) Practice E1527-13 defines the following categories of REC:

REC is defined as: The presence or likely presence of any hazardous substances or petroleum products in, on, or at a property: (1) due to release to the environment; (2) under conditions indicative of a release to the environment; or (3) under conditions that pose a material threat of a future release to the environment.

Historical REC (HREC) is defined as: A past release of any hazardous substances or petroleum products that has occurred in connection with the property and has been addressed to the satisfaction of the applicable regulatory authority or meeting unrestricted use criteria established by a regulatory authority, without subjecting the property to any required controls (e.g., property use restrictions, activity and use limitations, institutional controls, or engineering controls).

Controlled REC (CREC) is defined as: A REC resulting from a past release of hazardous substances or petroleum products that has been addressed to the satisfaction of the applicable regulatory authority (e.g., as evidenced by the issuance of a No Further Action letter or equivalent, or meeting risk-based criteria established by regulatory authority), with hazardous substances or petroleum products allowed to remain in place subject to implementation of required controls (e.g., property use restrictions, activity and use limitations, institutional controls, or engineering controls).

REC, HREC, and CREC are not intended to include de minimis conditions which are defined as: A condition 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. Conditions determined to be de minimis conditions are not RECs nor CRECs.

Additional conditions not included under the definitions of a REC, but defined by ASTM E1527-13 include:

Business Environmental Risk is a risk that can have a material environmental or environmentally-driven effect on the business associated with the current or planned use of a parcel of commercial real estate, not necessarily limited to those environmental issues required to be investigated in the ASTM standard.

Consideration of business environmental risk issues may involve addressing one or more non-scope considerations.

## 1.2 Report Users

HDR Engineering, Inc. (HDR) received authorization from Burbank Water and Power (BWP) to conduct a Phase I ESA of an approximately 0.47-acre property at 228 South Naomi Street. Only BWP has the right to rely on the contents of this Phase I ESA without HDR written authorization (Figure 1, Appendix A).

## 1.3 ESA Methodology

In addition to the ASTM-based REC classification of a site, HDR also employs several investigative elements to describe sites of concern located near the Subject Property. A site of concern is a site that the investigative process determines to have sufficient possibility of contamination to warrant special attention during the Phase I investigation. A site of concern may or may not ultimately be classified as a REC site as defined by ASTM, yet still may be of concern and is, therefore, highlighted in the report. A site of concern may or may not be carried forward in recommendations for further investigation, depending on the specific issues associated with the site.

This ESA was performed to comply with the level of documentation recommended in ASTM E1527-13. Deviations from the ASTM standard included deletion of certain record sources deemed inapplicable or of limited value to the specific needs of this project including property tax files, building department records, and zoning/land use records. In accordance with our contracted scope of work, HDR also conducted interviews with the property owner and business operator.

HDR incorporated the four primary activities included in the ASTM standard (conforming to the Environmental Protection Agency's (EPA's) All Appropriate Inquiry (AAI) requirements: (1) records review (including historical data sources), (2) site reconnaissance, (3) interviews, and (4) preparation of this report.

## 1.4 Scope of Services, Significant Assumptions, and Limitations

The services provided for this project consisted of the following:

- Provide a description of the Subject Property including current land uses (Sections 2.2 and 5.1)
- Provide a general description of the topography, soils, geology, and groundwater flow (Section 2.4)
- Review reasonably ascertainable and reviewable regulatory information published by federal, state, local, tribal, health, and/or environmental agencies pertaining to the Subject Property (Section 4.1)
- Review historical data sources for the Subject Property, including aerial photographs, topographic maps, fire insurance maps, city directories, and other readily available development data (Section 4.3)
- Conduct an area reconnaissance and environmental review—including a visual review of adjoining properties—with a focus on indications of hazardous substances,

petroleum products, polychlorinated biphenyls (PCBs), wells, storage tanks, solid waste disposal pits and sumps, and utilities (Section 5)

- Interview current owner of the Subject Property and interview other persons with knowledge of the development history of the Subject Property (Section 5.2)
- Determine data gaps in the information obtained and comment on their significance in identifying RECs for the Subject Property (Section 6)
- Prepare a written report of methods, findings, opinions, and conclusions (Section 7)

The goal in providing these services is to assist the user in identifying conditions at the Subject Property that may indicate risks regarding hazardous materials storage, disposal, releases or other impacts. The resulting report may support the user's assertion of and relief from liabilities under one of these three defenses identified in the 2002 Brownfields Amendments to the Comprehensive Environmental Response, Compensation, and Liability Act, Section 9607 (AAI subsections):

1. The innocent landowner defense under 42 United States Code [USC] §9607(b)(3)
2. The contiguous property owner defense pursuant to 42 USC §9607(q)
3. The bona fide prospective purchaser defense pursuant to 42 USC §9601(40), 9607(r)

Federal law 42 USC §9601(35)(A), (40) & (B); 42 USC §9607(b)(3); 42 USC §9607(q); and 42 USC §9607(r); and regulations promulgated by the EPA (40 Code of Federal Regulations [CFR] Part 312), provide that, to qualify for these three defenses, AAI must be performed. Those inquiries are documented by Phase I ESA reports. The EPA has agreed that ASTM E1527-13 may be used to comply with the requirements set forth in its AAI regulations, 40 CFR Part 312.

A user is defined by ASTM E1527-13 as the party seeking to use Practice E1527 to complete an ESA of a project area and may include a potential purchaser of land in the project area, a potential tenant of the project area, an owner of land in the project area, a lender, or a project area manager. Investigative areas not included in the standard ASTM ESA scope include asbestos, lead-based paint, lead in drinking water, radon or urea formaldehyde, wetland issues, regulatory compliance, cultural and historic resources, industrial hygiene, health and safety, ecological resources, endangered species, and high-voltage power lines.

Indoor air quality from sources such as mold and asbestos is not included in the ASTM standard, except to the extent that indoor air impacts are related to a Superfund site release and/or caused by releases of hazardous substances into subsurface soil or groundwater (vapor intrusion).

The potential for vapor encroachment or intrusion into structures in the project area is considered and identified from onsite or offsite sources based on the experience of the Environmental Professional.

The scope of services for the Phase I ESA also does not include the completion of soil borings, installation of groundwater monitoring wells, or collection of soil or groundwater samples.

HDR has made certain assumptions in preparing the scope of this assessment:

- Data gathered from public information sources (i.e., libraries or public regulatory agencies) is accurate and reliable.
- Site operations reflect site conditions relative to potential releases and no intentional concealment of environmental conditions or releases has occurred.
- Interview information is directly reported as gathered by the assessor and limited by the accuracy of the interviewee's recollection and experience.
- Published geologic information and site observations made by the Environmental Professional are used to estimate likely contaminant migration pathways in the subsurface. These estimates by the Environmental Professional are limited in accuracy and generally cross-referenced with existing information about similar sites and environmental releases in the area.
- Regulatory information is limited to sites identified after the late 1980s because reliable records were not kept by regulatory agencies prior to that time.

The findings and conclusions presented in this report are based on the procedures described in ASTM E1527-13, informal discussions with various agencies, a review of the available literature cited in this report, interviews, information provided by BWP, conditions noted at the time of this Phase I ESA, and HDR's interpretation of the information obtained as part of this Phase I ESA. The findings and conclusions are limited to the specific project and properties described in this report, and by the accuracy and completeness of the information provided by others.

A Phase I ESA cannot entirely eliminate uncertainty regarding the potential for RECs. Conducting this assessment is intended to reduce, but not eliminate, uncertainty regarding the potential for RECs in connection with a project area within reasonable limits of time and cost. In conducting its services, HDR used a degree of care and skill ordinarily exercised under similar circumstances by reputable members of its profession practicing in the same locality. This Phase I ESA conforms to the level of documentation required in ASTM E1527-13. However, HDR may omit discussion of certain records (i.e., sources deemed, in HDR's professional opinion, to be inapplicable, or of limited value to the specific needs of this client). In accordance with ASTM, however, if the lack of available documentation results in a data gap, this data gap is identified herein, and its significance is discussed.

## 2 Site Description

### 2.1 Location and Legal Description

The 0.47-acre Subject Property's tax parcel identifier is Assessor's Parcel Number 2484-021-900.

Figures depicting the location of the Subject Property can be found in Appendix A. Photographic documentation of the Subject Property is included in Appendix B.

## 2.2 Site and Vicinity Characteristics

The U.S. Geological Survey 7.5-Minute Topographic Map Series, Burbank, California, (1926 with map revisions in 1948, 1953, 1966, 1972, 1994, and 2015) indicates that the Subject Property is located at an elevation of approximately 530 feet above mean sea level (amsl). The topography of the Subject Property gently rolls from northwest to southeast.

## 2.3 Description of Structures, Roads, and Other Site Improvements

The Subject Property consists of approximately 0.47 acres of land, in the shape of a half pentagon with a single control building located on the property. The Subject Property is generally covered by pervious and impervious surfaces (i.e., gravel and asphalt).

The Subject Property is bound by West Willow Street to the north, South Naomi Street to the west, and a surface parking lot, parking garage, and other commercial structures to the east and south.

Two arterial streets are located near the site, West Olive Avenue to the north and West Alameda Avenue to the south.

## 2.4 Area Geology and Hydrogeology

The Subject Property is located within the Los Angeles Region, specifically the San Fernando Valley Ground Water Basin (SFVGWB). The SFVGWB is bound by the Verdugo Mountains to the north, Simi Hills to the west, Santa Susana and San Gabriel Mountains to the north, and Santa Monica Mountains to the south.

The San Fernando Valley (SFV) Basin lies within the Transverse Ranges geomorphic province. The Transverse Ranges are an east-west series of steep mountain ranges and valleys that include northeast-southwest trending faults associated with the San Andreas Fault system. According to the 1992 Remedial Investigation of the SFV National Priority Listing (NPL) site, four major geologic units are defined in the SFVGWB: shallow Quaternary alluvial deposits or valley fill (Saugus Formation) underlain by older, non-water bearing Tertiary (generally crystalline and igneous metamorphic rocks), Tertiary-Cretaceous, and Pre-Tertiary period units (James M. Montgomery, Inc. [JMM] 1992, Appendix E), which are generally marine sedimentary deposits. The shallow Quaternary deposits were further subdivided into four zones from oldest to youngest:

- Deep Zone: Located below between 300 feet to at least 1,200 feet below ground surface (bgs), this zone is composed of fine to coarse alluvium, likely of the Saugus Formation (JMM 1992, Appendix E).
- Lower Zone: This is an approximately 300-foot-thick layer of coarse sand and gravels generally located between 250 and 550 feet bgs (JMM 1992, Appendix E).
- Middle Zone: Occurring between 200 and 250 feet bgs, this zone is an approximately 50-foot-thick layer of fine-grained sand and silt (JMM 1992, Appendix E).

- Upper Zone: This zone begins at the existing surface, is approximately 200 to 350 feet deep and generally consists of fine to coarse alluvial deposit (JMM 1992, Appendix E).

According to the California Department of Water Resources Groundwater Information Center Interactive Map (2021), groundwater in the surrounding area to the east is between elevation 473 feet and 470 feet amsl and trends in a west-northwest to east-southeast direction. Groundwater beneath the Subject Property is at 425 amsl (approximately 105 feet bgs; JMM 1990). Major drinking water supply well fields occur within the eastern half of the SVF Basin, and groundwater levels and flow direction are highly influenced by well pumping (JMM 1992, Appendix E). Generally, groundwater flow direction trends in an east-southeast direction toward the Los Angeles River.

According to the California Division of Oil, Gas and Geothermal Resources (2021), no oil or gas wells are located within 1 mile of the Subject Property.

### 3 User-provided Information

The User provided the following information for the Subject Property on land use, previous environmental cleanups, previous chemical spills or releases, or cleanup liens against properties within the Subject Property:

- Title commitment documentation (discussed in Section 4.4)

In response to a request for information on the Subject Property, the user of the report stated that prior to BWP's purchase of the Subject Property in 1967, the User:

- Was unaware of any environmental cleanup liens against the property
- Had no knowledge of any chemicals present on the property
- Had no knowledge of any spills or chemical releases on the property
- Had no knowledge of any environmental cleanups that may have taken place on the property
- Had no knowledge of the presence of contamination on the property.

## 4 Records Review

### 4.1 Environmental Records Review

Environmental Risk Information Services (ERIS) was contracted by HDR to complete a database search for the project area, which included a search radius of up to 1 mile from the Subject Property boundary. The database search was produced by ERIS on November 15, 2020, and included results from federal, state, local, and tribal databases, as well as ERIS' proprietary databases, as defined by ASTM E1527-013, which are summarized in Table 4-1 and the following paragraphs. Table 4-1 includes databases that returned results. A complete copy of the ERIS environmental database report is included in Appendix C. Criteria considered to eliminate a site from listings of concern are provided in Section 4.1.1.

**Table 4-1. Summary of Environmental Database Search**

Database	Description	Sites Listed in Search Radius	Listings of Concern to the Project
NPL	National Priority List	1	1
RCRA TSD	Resource Conservation and Recovery Act (RCRA) Non-Corrective Action – Treatment, Storage and Disposal Facility	2	0
RCRA-LQG	RCRA – Large Quantity Generator	2	0
RCRA-SQG	RCRA – Small Quantity Generator	5	0
RCRA-NON GEN	RCRA – Non-Generator	25	0
CA ENVIROSTOR	List of sites from the Department of Toxic Substances	1	0
CA LUST	California Leaking Underground Storage Tank (LUST) Information System	4	0
CA UST	California Underground Storage Tanks (UST)	5	0
CA HHSS	California Historical Hazardous Substance Storage	3	0
CA DELISTED TNK	Database of storage tank site removed from EPA and Cal Fire active tank lists	6	0
CA CERS TANK	California EPA's (CalEPA's) California Environmental Reporting System (CERS) sites under the Aboveground Petroleum Storage and UST regulatory programs	8	1
CA CLEANUP SITES	Sites tracked by State Water Resources Control Board (SWRCB) for LUST cleanups	4	0
CA DELISTED COUNTY	Records removed from county or Certified Unified Program Agency (CUPA) databases	1	0
CA HIST TANK	California Historical Underground Storage Tank Registered Database	3	0
LA COUNTY CUPA	County database of inspection and enforcement records for active and inactive CUPA Program facilities	18	1
CA LA HMS	Los Angeles County Department of Public Works Hazardous Materials System Database	14	0
BURBANK CUPA	City of Burbank CUPA	12	1
FINDS/FERS	Facility Index System/Facility Registry Service	1	1
HMIRS	Hazardous Materials Incident Report System	2	0
ALT FUELS	List of alternative fueling stations	1	0
CA CERS HAZ	CalEPA Regulated Site Portal	5	0



**Table 4-1. Summary of Environmental Database Search**

Database	Description	Sites Listed in Search Radius	Listings of Concern to the Project
CA DELISTED HAZ	Delisted CERS Hazardous Waste Sites	2	0
WASTE DISCHG	Waste Discharge System	1	0
EMISSIONS	CalEPA Air Resources Board	19	0
<b>Total Listings</b>		<b>145</b>	<b>5</b>

### 4.1.1 Initial Screening Criteria

Sites included in the ERIS report were considered to pose little or no risk to the Subject Property based on the following criteria and then eliminated from further consideration as a site of concern:

- The site was listed only on the RCRA Information System (RCRAInfo) database (conditionally exempt small quantity, small and large quantity generators, and RCRA non-generators); the Toxic Pollutant Emission Facilities (EMISSIONS) database; the LA County Department of Public Works Hazardous Material System database; SWRCB database (DELISTED TNK), and the LA County CUPA program database. These database listings indicate that the site generates or uses hazardous materials that are regulated, but are not indicative of elevated potential for soil, groundwater, or surface water contamination at the site.
- The site was listed only on the HMIRS databases. These lists indicate that a one-time spill has occurred. A site was eliminated if it was not included on other lists that indicate the presence of soil or groundwater contamination.
- The site was only listed on the UST database and located more than 1/8 of a mile (660 feet) from the Subject Property.
- The site was located a sufficient distance and/or hydraulically downgradient (i.e., groundwater is transporting contaminants away) from the Subject Property.
- Groundwater beneath the Subject Property is at 425 amsl (approximately 105 feet bgs; JMM 1990). Because groundwater flow generally follows the topography, sites that are lower in elevation than the Subject Property were also eliminated.

## 4.2 Summary of Listed Records

The ERIS report included 145 listings within the search radii, and four (BURBANK CUPA, CERS TANK, FINDS/FRS, AND LA COUNTY CUPA) listings were reported for the Subject Property in the federal, state, local, and tribal databases.

- **Subject Property/BWP Naomi Substation, 228 South Naomi Street (ERIS Record No. 1)** — This site is listed in BURBANK CUPA and the LA COUNTY CUPA, indicating that it has a storage tank. The CERS TANK lists the site under the following Regulated Programs: Chemical Storage Facilities and Aboveground Petroleum Storage. The FINDS/FRS record lists the Subject Property as electrical

services/electrical power distribution registered in the CA-CERS and CA-ENVIROVIEW databases. The CalEPA website lists dielectric oil and lead acid batteries as regulated chemicals stored onsite.

- **SFV (Area 1) North Hollywood Wellfield Area Burbank Operable Unit (ERIS Record No. 51)** — This site is listed in the NPL and is a 20-square-mile area of groundwater contaminated with volatile organic compounds (VOCs) including trichloroethylene (TCE) and perchloroethylene (PCE; EPA 2021).
- **FotoKem Film & Video/Foto-Kem Industries, Inc./Foto Tronics, 2800 West Olive Avenue (ERIS Record No. 14)** — This site is listed in BURBANK CUPA, CERS HAZ, CLEANUP SITES, EMISSIONS, LA COUNTY CUPA AND RCRA SQG databases. According to the ERIS report, this site had a reported leak of volatile or semi-volatile organic compounds in January 1965 and may have affected the aquifer used for drinking water supply.

## 4.3 Historical Use Information

The objective of reviewing historical use information is to develop a history of previous land uses near the Subject Property and assess these uses for potential hazardous materials impacts that may affect the project. HDR reviewed historical sources that were readily available, reviewable, and likely to provide useful information.

### 4.3.1 Fire Insurance Maps

A Sanborn® Fire Insurance Maps search was conducted as part of the ERIS report (Appendix C). The Subject Property was included in the Sanborn Fire Insurance Maps coverage area for the years 1953, 1954, 1955, 1960, 1968, and 1969.

- Dwellings and small outbuildings including vehicle storage were located on the Subject Property in 1953, 1954, 1955, 1960, 1968, and 1969.
- The immediate area surrounding the Subject Property was a mix of residential and light and heavy industrial enterprises, including radio and clothing manufacturing, a film processing plant, electronics research and development facilities, Technicolor Corporation research and development chemicals laboratories (existing Foto-Kem Industries), movie film laboratory, an aircraft parts factory, electronic equipment manufacturing, and a woodworking factory.
- Immediately west of the Subject Property, several dwellings had been demolished after 1960, with a medical plaza and parking structure developed by 1968.

### 4.3.2 City Directory Information

A search of available city directories was conducted by ERIS for 1926, 1930, 1936, 1940, 1946, 1949, 1955, 1960, 1965, 1970, 1972, 1975, 1981, 1986, 1990-1991, 1995, 2000, 2006, 2009, 2014, and 2018. The following is a summary of the review of the coverage, and the full report is provided in Appendix C.

- The Subject Property (228 South Naomi Street) is not listed in the city directory.

- The surrounding area was generally residential until approximately 1950, when land uses north of West Willow Street and south of West Alameda Avenue changed from residential to heavy and light industrial. Land uses to the east and immediate west remained residential up until the mid-2000s when the land uses changed to predominantly commercial.

### 4.3.3 Historical Aerial Photographs

Historical aerial photographs, as described in Table 4-2, are valuable for the environmental assessor to review features of the Subject Property and surrounding properties over a long period of time. HDR reviewed historical aerial photographs (Appendix D) for the following years: 1928, 1938, 1944, 1947, 1952, 1958, 1960, 1964, 1972, 1980, 1985, 1989, 1994, 2005, 2010, 2012, 2014, 2016, 2018, and 2020.

**Table 4-2. Description of Aerial Photographs**

Year	Description of Aerial Photograph
1928	The Subject Property was developed with two residential buildings with associated outbuildings. Immediately adjacent lands to the east and west were comprised of small residential developments. Lands to the north were large homestead parcels and to the south land was mainly developed for agricultural purposes. Olive Avenue, Alameda Avenue, and Willow, Naomi and Fredrick streets were mostly paved and roughly in the same configuration they are today.
1938	The Subject Property and immediately surrounding lands, including road development and configuration, were relatively unchanged from conditions observed in the 1928 image.
1944	The Subject Property, immediately adjacent lands, and road development and configuration remained relatively unchanged from conditions observed in 1938. Lands south of Olive Avenue and north of Willow Street remained relatively unchanged except for the development of two small industrial buildings (now Foto-Kem Industries and a large commercial building located at 2600 W Olive Avenue). Large commercial buildings were developed south of the Subject Property including a large hotel on South Buena Vista Street and structures associated with the Walt Disney Company.
1947	The Subject Property and immediately surrounding lands, including road development and configuration, were relatively unchanged from conditions observed in the 1944 image.
1952	The Subject Property and immediately surrounding lands, including road development and configuration, were relatively unchanged from conditions observed in the 1947 image. However, extensive development of commercial and light industrial buildings occurred along the south side of Olive Avenue, north of Willow Street. Businesses included clothing manufacturing, radio manufacturing, film processing facilities, and various machine shops. Some additional commercial/retail structures were developed along the east side of South Buena Vista Street.
1958	The Subject Property and the surrounding vicinity were relatively unchanged from 1952. Some infill residential development occurred on lands immediately adjacent to the Subject Property. Development of commercial businesses expanded along the north side of Olive Avenue between Niagara and Buena Vista streets. Businesses included a veterinary clinic and radio machine shops. The Walt Disney Company developed parking lots adjacent to their existing buildings located south of Alameda Avenue. More infill commercial development also had occurred west of Buena Vista Avenue.
1960	The Subject Property and surrounding vicinity were relatively unchanged from 1958. Commercial development along Olive Avenue grew to include other urban structures including parking structures. The Walt Disney Company further expands its parking lots along Buena Vista Street.

**Table 4-2. Description of Aerial Photographs**

Year	Description of Aerial Photograph
1964	All residences in the block located west of the Subject Property were demolished. South of the Subject Property and Alameda Street, buildings and parking lots associated with Saint Joseph's Medical Center were developed. All other surrounding lands remained relatively unchanged from the 1960 image.
1972	The residential homes located on the Subject Property had been demolished and replaced with a substation and distribution building. A multi-story commercial building was developed on the block west of the Subject Property. Commercial properties were further developed along the north side of Olive Avenue between Nagara and Buena Vista streets. Saint Joseph's Medical Center expanded. All other surrounding lands remained relatively unchanged from the 1964 image.
1980	The residential homes and small commercial buildings directly south and east of the Subject Property were demolished and a large commercial building was developed just south and surface parking lot to the east. All other surrounding lands remained relatively unchanged from the 1972 image.
1985	The Subject Property and surrounding vicinity remained relatively unchanged from the 1980 image. A multi-story apartment building (currently The Heights at Burbank) was developed on Willow Street, northwest of the Subject Property. A large surface parking lot was developed west of Saint Joseph's Medical Center. The Walt Disney Company developed structures at the corner of Buena Vista Street and Alameda Avenue. All other surrounding lands remained relatively unchanged from the 1980 image.
1989	The surface parking lot immediately adjacent to the Subject Property had been replaced with a multi-story parking garage. A multi-story commercial building had been constructed within the same block and just south of the Subject Property. All other surrounding lands remained relatively unchanged from the 1985 image.
1994	Saint Joseph's Medical Center expanded further toward Alameda Avenue. Minor infill commercial development occurred along the north side of Olive Avenue. Otherwise, the Subject Property and surrounding vicinity remained relatively unchanged from the 1989 image.
2005	The residential neighborhood east of Frederic Street had been demolished and replaced with a surface parking lot and a commercial building fronting Alameda Avenue. A multi-story commercial building was developed on the corner of Willow Street and Alameda Avenue. Otherwise, the Subject Property and surrounding vicinity remained relatively unchanged from the 1994 image.
2010	The surface parking area just east of Frederic Street and the Subject Property was replaced with a multi-story parking structure. A large commercial building was developed on the corner of Frederic Street and Alameda Avenue.
2012	The Subject Property and the surrounding vicinity were relatively unchanged from 2010.
2014	The Subject Property and the surrounding vicinity were relatively unchanged from 2012.
2016	The Subject Property and the surrounding vicinity were relatively unchanged from 2014.
2018	The Subject Property and the surrounding vicinity were relatively unchanged from 2016.
2020	The Subject Property and the surrounding vicinity were relatively unchanged from 2018.

#### 4.3.4 Historical Topographic Maps

Historical topographic maps provide an overview of the area relative to potential previous land uses. HDR reviewed historical topographic maps of the Subject Property provided by ERIS. The U.S. Geological Survey 7.5- or 15-minute series topographic maps (Los Angeles, Santa Monica, and/or Burbank dated 1894, 1896, 1898, 1900, 1902, 1921, 1926, 1948, 1953, 1966, 1972, 1976, 1994, and 2015) are provided in Appendix C.

These maps served to augment and verify information that was gathered in the historic aerial photograph review from 1928 to present.

Between 1894 and 1902, the Subject Property and surrounding area remained relatively unchanged, and was mainly open, undeveloped land. Olive Avenue and Buena Vista Street were unnamed, developed roads roughly in the configuration seen today. By 1921, major roads had been developed although the landscape remained relatively unchanged from the 1902 map. Major land development and subdivision of the area surrounding the Subject Property occurred between 1926 and 1948. Historic, topographical maps reflected only minor changes to the landscape from 1948 to 2015.

## 4.4 Environmental Liens and Additional Information

An environmental lien search was conducted, and no liens are associated with the Subject Property.

The User provided HDR with a copy of a title search conducted for the Subject Property, dated December 11, 2020. The title search provided a legal description of the Subject Property included within Assessor Parcel Number 2484-021-900. The title search also identified the standard land use as federal property.

## 4.5 Summary of Previous Environmental Investigations

A review of the California Department of Toxic Substances Control EnviroStor website did not indicate any sites that have undergone environmental remediation or permitting within 1 mile of the Subject Property. All other investigations are summarized in the following sections.

### 4.5.1 San Fernando Valley (Area 1) Superfund Site

Since 1980, TCE and PCE have been detected throughout the SFVGWB, at concentrations exceeding the EPA's maximum contaminant level in samples collected from drinking water production wells. In 1986, the EPA placed the site on the NPL. The SFV Superfund Site consists of four Operable Units (OUs): North Hollywood OU (NHOU)/Burbank OU (BOU), Glendale/Crystal Springs OU, Verdugo OU, and Pollock/Los Angeles OU. The Subject Property lies within the BOU.

Other contaminants historically detected in drinking water samples include methylene chloride, toluene, acetone, carbon tetrachloride, methyl ethyl ketone, chloroform, bromodichloro-methane, and dibromochloromethane. The initial response efforts focused on treating and controlling the TCE and PCE groundwater plumes (EPA 1989). Chromium VI was also detected at concentrations in excess of maximum contaminant levels. TCE and PCE were widely used in the SFV starting in the 1940s for dry cleaning and degreasing machinery (EPA 2018). Releases from a large number of facilities in the area prior to contemporary regulation resulted in a large plume of VOC-contaminated groundwater that started in Area 1 (NHOU and BOU) and extended downgradient to the southeast (EPA 2018). Chromium was used in metal plating, aerospace metal fabrication, and as corrosion protection from the 1940s through the 1980s (EPA 2008). Numerous potentially responsible parties have been identified in the area that historically used these chemicals.

In 1992, 11 VOCs were detected in the Upper Zone (surficial to shallow silts, sands, and gravels) above the EPA maximum contaminant level, and no contaminants were detected in the Deep Zone (JMM 1992, Appendix E). Generally, TCE and PCE were the most prevalent contaminants in groundwater. Chromium VI was also detected in groundwater in excess of applicable drinking water standards.

According to the EPA website for the SFV Superfund Site, a pump and treatment plant was constructed for the BOU in 1996 (Phase I) and 1998 (Phase II) to treat the VOC contamination (EPA 2021). VOCs in groundwater continue to be managed through the pump and treat system.

#### 4.5.2 FotoKem Film & Video/Foto-Kem Industries, Inc./Foto Tronics, 2800 West Olive Avenue

The case was listed in the California SWRCB (2021) indicated the release was remediated in June 1995 and a No Further Action letter was issued by the California SWRCB to Foto-Kem Industries. The case was closed in February 2005. Additionally, the ERIS report indicated the site is listed in the BURBANK CUPA as an active hazardous material site.

## 5 Site Reconnaissance and Interviews

### 5.1 Site Reconnaissance and Site Descriptions

Andrew Cherene, HDR Environmental Professional, conducted the site reconnaissance on January 13, 2021. The Subject Property is an electrical power substation owned and operated by BWP, located at the intersection of West Willow Street and South Naomi Street in Burbank, California. The topography of the site was flat, and surface drainage generally flowed to storm drains in the streets or was designed to infiltrate soil through a gravel pad. The Subject Property consisted of a control building and yard. The control building included a control room, switchgear, small bathroom, and battery room which contained a bank of lead acid batteries. The control building was a single-story structure with stucco exterior and terracotta roof. The yard was paved with asphalt, concrete, and gravel surfaces. Walls enclosed the entire yard. Transformers located onsite contain dielectric oil which are considered aboveground storage tanks.

The Subject Property was surrounded by fully developed urban properties. Being located one block north of St. Joseph Medical Center hospital, most properties around the Subject Property were medical offices and parking lots. A commercial design firm was located to the north, across Willow Street. A parking structure and medical offices were located to the west, across Naomi Street. A parking lot was located to the south. A parking structure was located to the east.

No indications of chemical storage or large-scale use, USTs, aboveground storage tanks, monitoring wells, signs of recent investigations, pits, ponds, lagoons, sumps, floor drains, sanitary sewer discharge, odors, or distressed vegetation were present on the Subject Property.

Properties and businesses in the surrounding neighborhood also did not show signs of spills, large scale chemical use, or recent investigations.

A Shell-branded gas station and convenience store was located approximately 1,300 feet southwest of the Subject Property. Signs of recent environmental investigations were present near the USTs on that property, including circular patches in the concrete consistent with abandoned monitoring wells and direct push borings.

Photographs taken during the site reconnaissance are provided in Appendix B.

## 5.2 Site Interviews

During the site reconnaissance, Phillip, BWP technician, provided some background information on the Subject Property. The substation was estimated to have been built in the late 1960s, based on blueprint drawings in the control room. None of the equipment has contained PCBs since at least the 1990s, and equipment is tested every time the oil needs to be changed with used oil disposed at appropriate disposal site. No incidents such as fires, explosions, or chemical spills have occurred at the site. The Subject Property was not used to store or handle chemicals. The substation is an unmanned facility and typically visited by a technician about once per week to change nitrogen gas bottles that keep the insides of the equipment dry.

## 5.3 Utilities and PCBs

The Subject Property is served by electrical, water, and sewer utilities. All utilities were underground. Underground electrical conduits extend in the east-west direction. The onsite transformers do not contain PCB oil. Concrete vaults located in the ground and covered with diamond plate lids contained electrical grounding terminals. The asphalt and concrete pavement on the Subject Property were in good condition, with some minor oil and water staining. No waste piles or indications of dumping were present.

# 6 Data Gap Analysis

The ASTM E1527-13 standards require a listing of data gaps, including data failure encountered during the investigative process that may affect the validity of the conclusions drawn by the Environmental Professional. The ASTM E1527-13 standard also requires the Environmental Professional to estimate the relative importance of the data gaps. Generally, gaps in available data are related to the availability of historical data sources for specific sites of concern.

The Environmental Professional uses multiple historical data sources as a method to provide coverage for data gaps. Historical information is collected on a recurring basis, and the passage of time between data sets may or may not constitute a significant gap in data coverage. For this project, no data gaps were identified.

## 7 Findings and Conclusions

HDR has conducted a Phase I ESA of the approximately 0.47-acre Naomi Substation project site, located at 228 South Naomi Street at the request of BWP.

The Phase I ESA was performed in accordance with the scope and limitations of ASTM E1527-13. Any exceptions to, or deletions from, this practice are described previously in this report. Included in this Phase I ESA is a summary of the site reconnaissance conducted on January 13, 2021, as well as the review of the environmental database search report, historical data sources, and other records.

### 7.1 Findings

The general findings of this assessment include the following:

- The Subject Property consists of one parcel at an elevation approximately 530 feet amsl. The topography of the site was flat, and surface drainage generally flowed to storm drains in the streets or was designed to infiltrate soil through a gravel pad.
- The Subject Property consisted of two residential dwellings and associated outbuildings until roughly the late 1960s when the structures were removed to construct the Naomi Substation and control building.
- The geology underlying the Subject Property generally consists of shallow Quaternary alluvial deposits or valley fill (Saugus Formation) underlain by older, non-water bearing Tertiary (generally crystalline and igneous metamorphic rocks), Tertiary-Cretaceous and Pre-Tertiary period units (JMM 1992, Appendix E), which are generally marine sedimentary deposits.
- The Subject Property is located within the SFVGWB. Groundwater beneath the Subject Property is at 425 amsl (approximately 105 feet bgs; JMM 1990).
- Historic aerial photographs indicate the area surrounding the Subject Property consisted mainly of residential development until roughly 1950. Beginning in the 1940s up to the mid-2000s, commercial and industrial development occurred adjacent to and along the main roads near the Subject Property including West Olive Avenue, West Alameda Avenue, West Willow Street, and South Frederic Street. Currently, the area surrounding the Subject Property predominately consists of commercial land uses within Media District and Planned Development zones of the City of Burbank, California.
- On January 13, 2021, HDR conducted a site reconnaissance. The Subject Property consisted of a yard with an control building and existing substation. The control building included a control room, small bathroom, and battery room. The control building was a single-story structure with stucco exterior and terracotta roof. The yard was paved with asphalt, concrete, and gravel surfaces. Walls enclosed the entire yard.
- On January 13, 2021, HDR interviewed a BWP technician who indicated that none of the onsite equipment has contained PCBs since at least the 1990s, and that

equipment is tested every time the oil needs to be changed with used oil disposed at an appropriate disposal facility. No incidents such as fires, explosions, or chemical spills have occurred at the site. The Subject Property was not used to store or handle chemicals.

- The ERIS database report included 145 listings located within the requested search radii. The surrounding area (up to a 1-mile radius) was included in the database search. Four listings were reported for the Subject Property.
- The SFV Superfund Site (Area 1) North Hollywood Wellfield Area Burbank OU was identified in the ERIS report as an NPL site that underlies the Subject Property. The SFV Superfund Site is a 20-square-mile area of contaminated groundwater located primarily in North Hollywood and Burbank, California. Contaminants of concern are mainly VOCs including TCE and PCE (EPA 2021).

## 7.2 Opinions

HDR has reviewed the stated data sources, which are part of the ASTM E1527-13 assessment protocol, and developed the following professional opinions:

- Sites located east and south of the Subject Property are located downgradient or crossgradient to the Subject Property and likely not a potential source of contamination on the Subject Property.
- Sites that only affected groundwater are unlikely to be source of contamination on the Subject Property.
- Remediation of the VOC plume within the SFV Superfund Site is ongoing, and VOCs have been detected in the groundwater immediately below the Subject Property.
- Groundwater below the Subject Property is contaminated with PCE and TCE associated with the NHOU/BOU of the SFV Superfund Site. Remediation is ongoing, and engineering and institutional controls are in place. This groundwater contamination is a REC.
- The use of PCB-containing oils in electrical equipment at the Subject Property prior to the 1990s is likely. However, no releases were documented in the regulatory file review. The Subject Property's historical use of PCBs prior to regulatory reporting requirements is a REC.

## 7.3 Conclusions

HDR has identified three RECs for the BWP Substation site, as enumerated in the sections above. The following statement is required by ASTM E1527-13 as a positive declaration of whether RECs were found:

*HDR has performed a Phase I ESA in conformance with the scope and limitations of ASTM E1527-13 of the approximately 0.47-acre Naomi Substation site located at 228 South Naomi Street (Subject Property) in Burbank, California 91505. Any exceptions to or deletions from these practices are described in previous sections of this report. This report has revealed three RECs in connection with the Subject Property:*

- *Groundwater below the Subject Property is contaminated with PCE and TCE associated with the NHOU/BOU of the SFV Superfund Site.*
- *The Subject Property's likely historical use of PCBs prior to the establishment of environmental regulatory reporting requirements.*
- *The onsite transformers containing dielectric oil are considered ASTs.*

## 8 Recommendations

Recommendations included in this report were developed through the investigative procedures described in Section 1.4. These findings should be reviewed within the context of the limitations provided in Section 1.4.

Based on the stated Findings and Conclusions, HDR makes the following recommendations:

### 8.1 Recommendation 1

Due to the potential for near-surface soil contamination with PCB oil near the transformers located on the Subject Property, HDR recommends BWP complete a Phase II ESA of the Subject Property. Based on the depth of groundwater below the Subject Property, groundwater sampling is not recommended. The Phase II ESA should concentrate on waste management and worker safety rather than defining the lateral and vertical extents of contamination.

## 9 Qualifications of Environmental Professionals

### 9.1 Signatures and Qualifications

We declare that, to the best of our professional knowledge and belief, we meet the definition of Environmental Professional as defined in Section 312.10 of 40 CFR Part 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 appropriate inquiries in conformance with standards and practices set forth in 40 CFR Part 312.

The preceding report has been prepared in general conformance with standard industry practice for performance of ESAs and includes the applicable portions of the investigation procedures codified in ASTM E1527-13, Standard Practice for Environmental Site Assessments: Environmental Site Assessment Process. The User of this report may rely on the contents, findings, and conclusions to be accurate within the limitations stated in this report and in the ASTM standard. The report also complies with specific requirements supplied by the client.



Andrew Cherene, PG, CHG  
Environmental Professional



Jennifer Maze  
Environmental Professional



Patricia Parvis, LSRP, PG  
Quality Control/Quality Assurance  
Senior Professional Associate

#### 9.1.1 Qualifications of Environmental Professionals

This Phase I ESA was performed by the following HDR employees:

Ms. Jennifer Maze, Environmental Scientist, HDR's qualified Environmental Professional, as defined by ASTM E1527-13, has more than 6 years of experience in the assessment of affected properties and compliance with environmental regulations. She has a bachelor's degree in Environmental Science with an emphasis in watershed management from Portland State University, Portland, Oregon. Ms. Maze's experience includes Phase I and Phase II ESAs, remedial investigations and action implementation, environmental document writing, and submittal of various state and federally required reports and permits.

Mr. Andrew Cherene, PG, CHG, HDR's qualified Environmental Professional, as defined by ASTM E1527-13, has more than 15 years of experience in the assessment and

remediation of affected properties and compliance with environmental regulations. He has a Master of Science degree in Earth Sciences from the University of California, San Diego. Mr. Cherene specializes in investigations of hazardous materials-affected properties for public and private sector clients. His experience covers assessments ranging from public rights-of-way to commercial and industrial facilities located in Southern California.

### 9.1.2 Qualifications of QA/QC Review Professionals

Quality assurance and quality control reviews were performed by the following HDR employee:

Ms. Patricia Parvis is a senior project manager, licensed site remediation professional (NJ) and professional geologist (NY) at HDR with over 26 years of experience in hazardous waste and petroleum spill site investigations and remediation specializing in managing large remedial investigations/feasibility studies, remedial designs, remedial actions, and operation and maintenance projects for federal and state Superfund programs. She is also a member of HDR's Phase I Best Practices Group.

## 10 References

### ASTM International (ASTM)

- 2013 ASTM Practice E1527-13. Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process.

### California Department of Conservation Division of Oil, Gas, and Geothermal Resources

- 2021 Well Finder. (Available online at <http://www.conservation.ca.gov/dog/Pages/Wellfinder.aspx>) Accessed January 2, 2021.

### California Department of Water Resources

- 2021 Groundwater Information Center Interactive Map. Available online at [http://www.water.ca.gov/groundwater/MAP\\_APP/index.cfm](http://www.water.ca.gov/groundwater/MAP_APP/index.cfm) Accessed January 12, 2020.

### California State Water Resources Control Board (SWRCB)

- 2021 GeoTracker®. Available online at <http://geotracker.waterboards.ca.gov/default.asp>. Accessed January 2, 2021.

### United States Environmental Protection Agency (EPA)

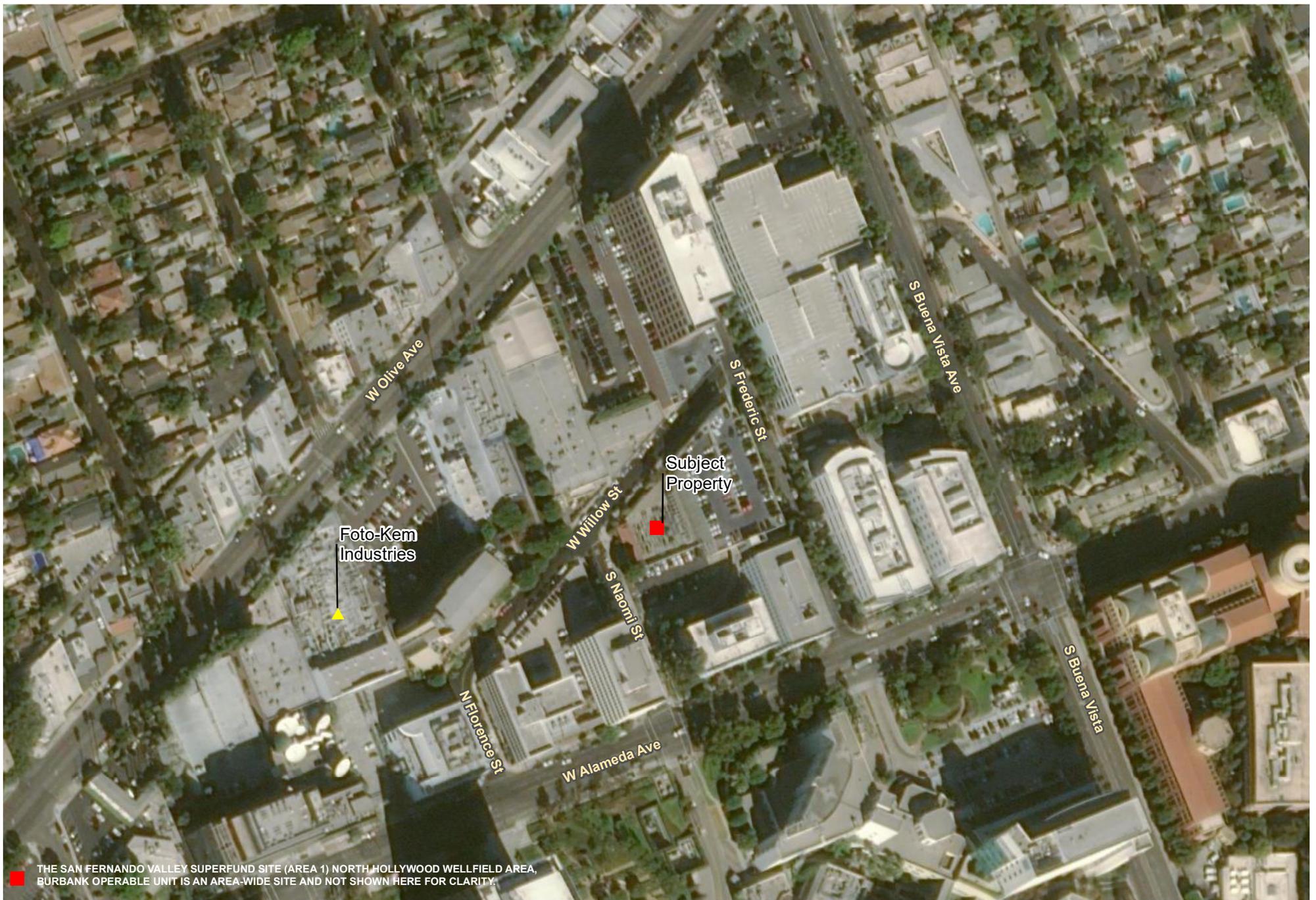
- 1989 Superfund Record of Decision: San Fernando Valley (Area 1) EPA ID CAD980894893, OU3. June 26, 1989
- 2008 Five-year Review Report for San Fernando Valley (Area 1) Superfund Site. September 2008. [Available online at [https://yosemite.epa.gov/r9/sfund/r9sfdocw.nsf/3dc283e6c5d6056f88257426007417a2/e/b28f990af9835cb8825765500026728/\\$FILE/5-yearReviewRpt2008.pdf](https://yosemite.epa.gov/r9/sfund/r9sfdocw.nsf/3dc283e6c5d6056f88257426007417a2/e/b28f990af9835cb8825765500026728/$FILE/5-yearReviewRpt2008.pdf)]. Accessed January 26, 2017.
- 2018 Five-Year Review Report for San Fernando Valley (Area 1) Superfund Site North Hollywood and Burbank, Los Angeles County, California. Available online: <https://semspub.epa.gov/work/09/100010778.pdf>. Accessed February 3, 2021.
- 2021 San Fernando Valley (Area 1 North Hollywood and Burbank). Available online at <https://cumulis.epa.gov/supercpad/cursites/csinfo.cfm?id=0902251> Accessed January 2, 2021.

### James M. Montgomery, Inc. (JMM)

- 1990 Remedial Investigation of the San Fernando Valley Groundwater Basin. Technical Memorandum Supplement to the Administrative Record for the Burbank Operable Unit. Prepared for the City of Los Angeles Department of Water and Power. June 1990.
- 1992 Remedial Investigation of Groundwater Contamination in the San Fernando Valley for the City of Los Angeles Department of Water and Power. December 1992.



# Appendix A. Figures



THE SAN FERNANDO VALLEY SUPERFUND SITE (AREA 1) NORTH HOLLYWOOD WELLFIELD AREA, BURBANK OPERABLE UNIT IS AN AREA-WIDE SITE AND NOT SHOWN HERE FOR CLARITY.



- Recognized Environmental Conditions (RECs)
- ▲ Site of Concern



**SUBJECT PROPERTY AND SITES OF CONCERN  
BURBANK WATER AND POWER: WILLOW SUBSTATION**

**FIGURE 1**



# Appendix B. Photographic Documentation



Photo 1: The exterior of the control house on the Subject Property was behind landscaping adjacent to the sidewalk. The view is to the northeast.



Photo 2: The southern edge of the Subject Property was adjacent to a parking lot. The view is to the northeast.



Photo 3: A vehicle access gate was located at the northeastern corner of the Subject Property. The view is to the south.



Photo 4: The view is from the northwestern corner of the control room to the south.



Photo 5: The view is from the southeastern corner of the control room to the north.



Photo 6: The bank of lead-acid batteries at the southern end of the control house was in secondary containment. A small bathroom was located between the control room and the battery room.

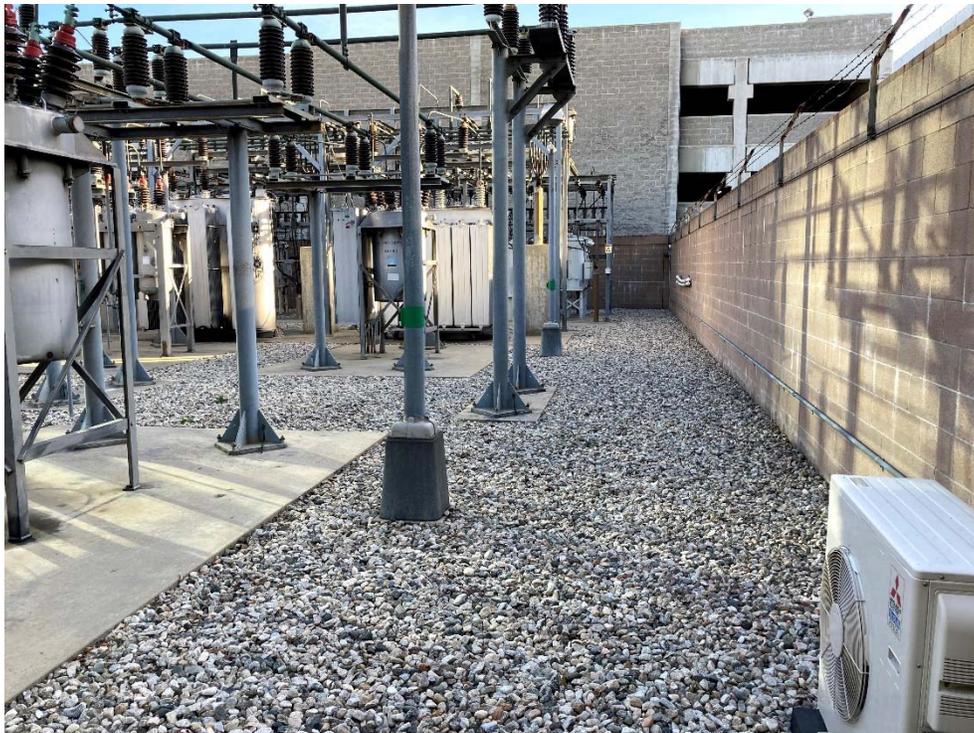


Photo 7: The yard area was mostly gravel with concrete equipment footings and walkways. The view is to the east from the southwestern corner.

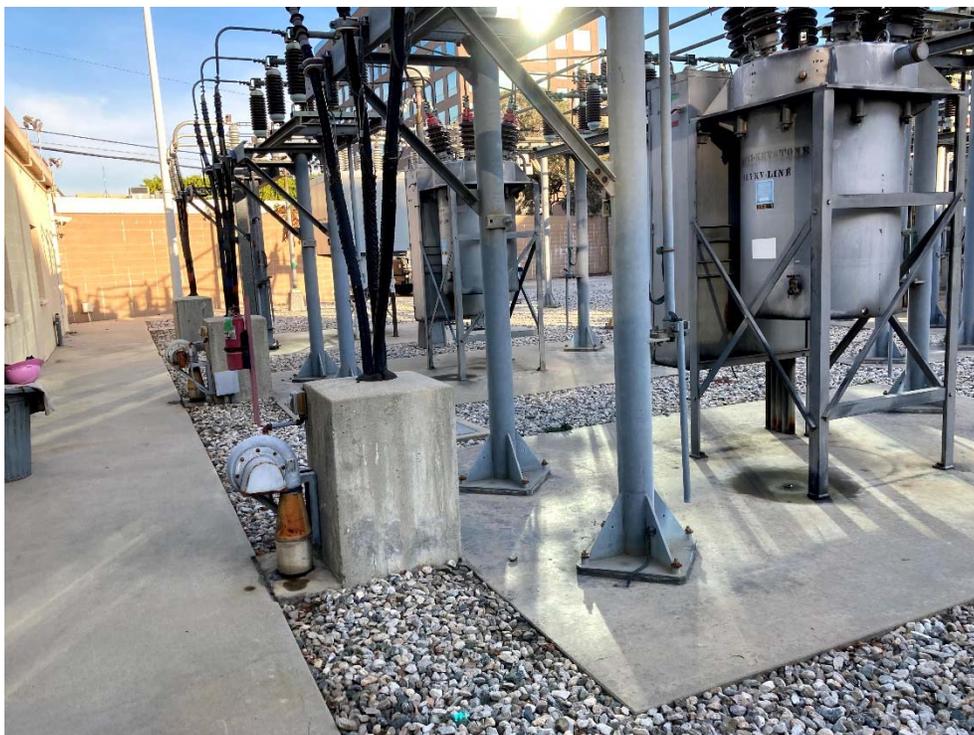


Photo 8: Water staining from condensation was below some of the equipment. The view is to the north from the southwestern corner.



Photo 9: The view is to the south from the northwestern corner.

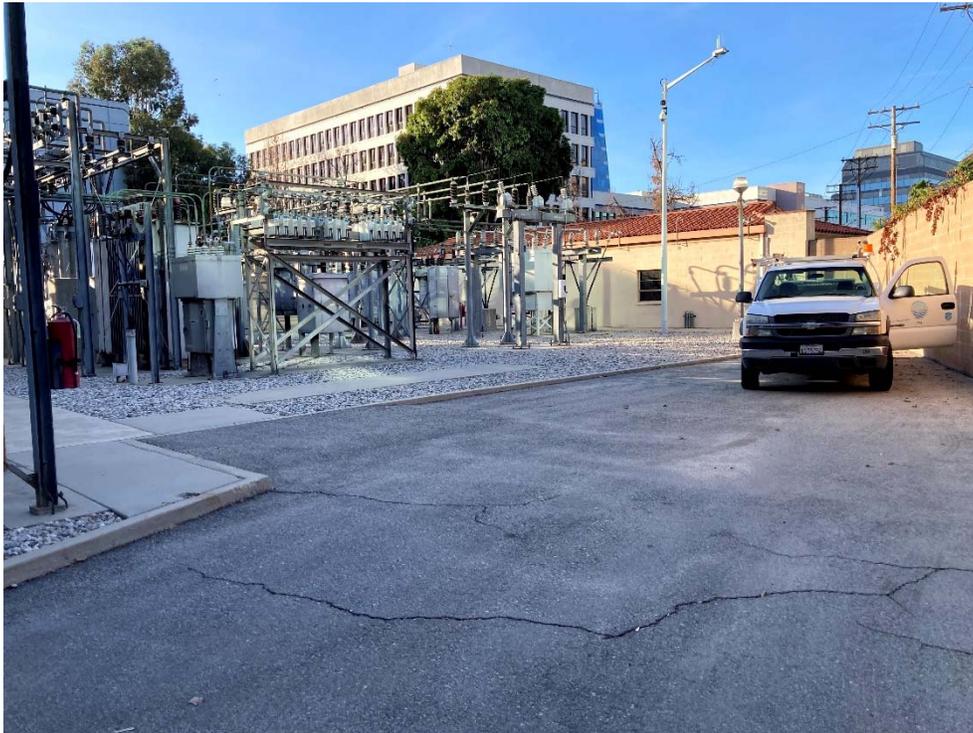


Photo 10: The view is to the southwest from the northeastern corner.



Photo 11: A stormwater drain was blocked with leaves in the northeastern corner, inside the vehicle access gate.

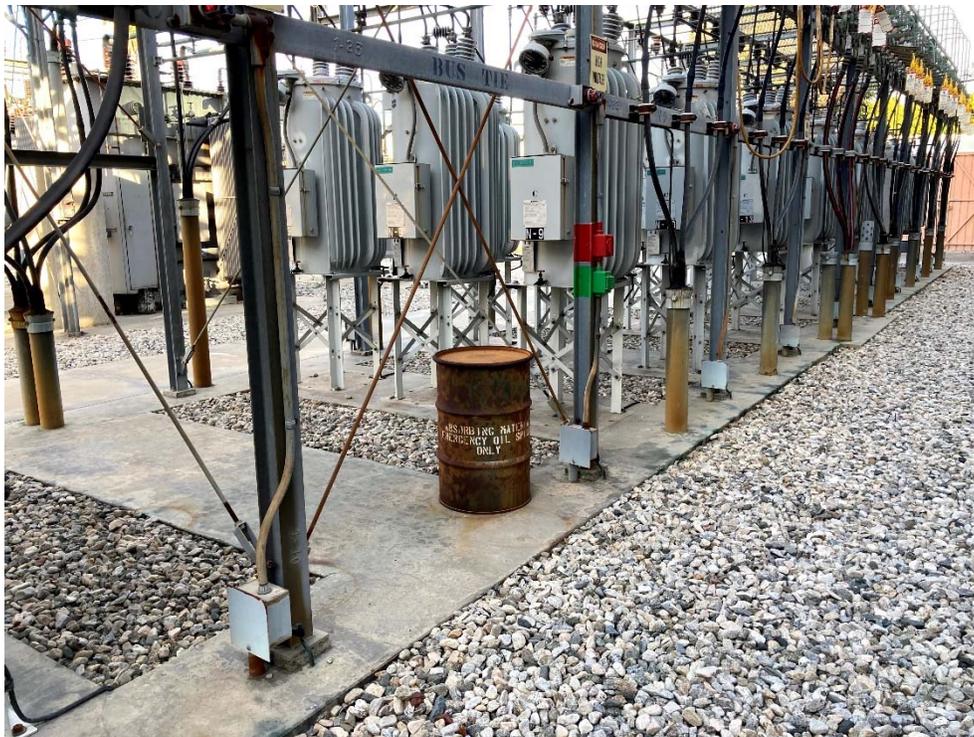


Photo 12: A steel drum containing spill control absorbents was located near the eastern side of the Subject Property. The view is to the northwest.



Photo 13: A small transformer oil leak was present below the southernmost transformer. The leak was old, controlled with absorbent, and did not extend beyond the concrete pad.



Photo 14: The reverse side of the transformer with the small leak is at photo right. The view is to the north.



Photo 15: A Shell-branded gas station located at the intersection of Alameda Avenue and Olive Avenue had signs of recent investigations near the USTs. The view is to the south.



# Appendix C. ERIS Report



# DATABASE REPORT

**Project Property:** *BWP Naomi Substation  
BWP Naomi Substation  
Burbank CA*

**Project No:** *10257467*

**Report Type:** *Database Report*

**Order No:** *20311300154*

**Requested by:** *HDR, Inc.*

**Date Completed:** *November 16, 2020*

# 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.....	10
Executive Summary: Summary by Data Source.....	22
Map.....	37
Aerial.....	40
Topographic Map.....	41
Detail Report.....	42
Unplottable Summary.....	238
Unplottable Report.....	239
Appendix: Database Descriptions.....	243
Definitions.....	257

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# Executive Summary

## Property Information:

**Project Property:** *BWP Naomi Substation  
BWP Naomi Substation Burbank CA*

**Project No:** *10257467*

### **Coordinates:**

**Latitude:** *34.15850813*  
**Longitude:** *-118.33024873*  
**UTM Northing:** *3,780,530.61*  
**UTM Easting:** *377,378.96*  
**UTM Zone:** *UTM Zone 11S*

**Elevation:** *533 FT*

## Order Information:

**Order No:** *20311300154*  
**Date Requested:** *November 13, 2020*  
**Requested by:** *HDR, Inc.*  
**Report Type:** *Database Report*

## Historicals/Products:

<b>Aerial Photographs</b>	<i>Historical Aerials (Boundaries)</i>
<b>Chain of Title &amp; Lien Searches</b>	<i>Environmental Lien Search</i>
<b>City Directory Search</b>	<i>CD - 2 Street Search</i>
<b>ERIS Xplorer</b>	<a href="#"><i>ERIS Xplorer</i></a>
<b>Excel Add-On</b>	<i>Excel Add-On</i>
<b>Fire Insurance Maps</b>	<i>US Fire Insurance Maps</i>
<b>Physical Setting Report (PSR)</b>	<i>Physical Setting Report (PSR)</i>
<b>Topographic Map</b>	<i>Topographic Maps</i>
<b>Vapor Screening Tool</b>	<i>Vapor Screening Tool</i>

# Executive Summary: Report Summary

<i>Database</i>	<i>Searched</i>	<i>Search Radius</i>	<i>Project Property</i>	<i>Within 0.12mi</i>	<i>0.125mi to 0.25mi</i>	<i>0.25mi to 0.50mi</i>	<i>0.50mi to 1.00mi</i>	<i>Total</i>
<b><u>Standard Environmental Records</u></b>								
<b>Federal</b>								
FRP	Y	0.25	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	0	-	0
ODI	Y	0.5	0	0	0	0	-	0
SEMS ARCHIVE	Y	0.5	0	0	0	0	-	0
CERCLIS	Y	0.5	0	0	0	0	-	0
IODI	Y	0.5	0	0	0	0	-	0
CERCLIS NFRAP	Y	0.5	0	0	0	0	-	0
CERCLIS LIENS	Y	PO	0	-	-	-	-	0
RCRA CORRACTS	Y	1	0	0	0	0	0	0
RCRA TSD	Y	0.5	0	1	0	1	-	2
RCRA LQG	Y	0.25	0	1	1	-	-	2
RCRA SQG	Y	0.25	0	5	0	-	-	5
RCRA CESQG	Y	0.25	0	0	0	-	-	0
RCRA NON GEN	Y	0.25	0	19	6	-	-	25
FED ENG	Y	0.5	0	0	0	0	-	0
FED INST	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
REFN	Y	0.25	0	0	0	-	-	0
BULK TERMINAL	Y	0.25	0	0	0	-	-	0
SEMS LIEN	Y	PO	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
SUPERFUND ROD	Y	1	0	0	0	0	0	0
<b>State</b>								
RESPONSE	Y	1	0	0	0	0	0	0
ENVIROSTOR	Y	1	0	0	0	0	1	1
DELISTED ENVS	Y	1	0	0	0	0	0	0
SWF/LF	Y	0.5	0	0	0	0	-	0
HWP	Y	1	0	0	0	0	0	0
SWAT	Y	0.5	0	0	0	0	-	0
LDS	Y	0.5	0	0	0	0	-	0
LUST	Y	0.5	0	0	4	0	-	4
DELISTED LST	Y	0.5	0	0	0	0	-	0
SWRCB SWF	Y	0.5	0	0	0	0	-	0
UST	Y	0.25	0	2	3	-	-	5
UST CLOSURE	Y	0.5	0	0	0	0	-	0
HHSS	Y	0.25	0	0	3	-	-	3
AST	Y	0.25	0	0	0	-	-	0
TANK OIL GAS	Y	0.25	0	0	0	-	-	0
DELISTED TNK	Y	0.25	0	1	5	-	-	6
CERS TANK	Y	0.25	0	3	5	-	-	8
LUR	Y	0.5	0	0	0	0	-	0
HLUR	Y	0.5	0	0	0	0	-	0
DEED	Y	0.5	0	0	0	0	-	0
VCP	Y	0.5	0	0	0	0	-	0
CLEANUP SITES	Y	0.5	0	1	1	2	-	4
DELISTED COUNTY	Y	0.25	0	0	1	-	-	1
DELISTED CTNK	Y	0.25	0	0	0	-	-	0
HIST TANK	Y	0.25	0	0	3	-	-	3
<b>Tribal</b>								
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
<b>County</b>								
LA SML	Y	0.5	0	0	0	0	-	0

<i>Database</i>	<i>Searched</i>	<i>Search Radius</i>	<i>Project Property</i>	<i>Within 0.12mi</i>	<i>0.125mi to 0.25mi</i>	<i>0.25mi to 0.50mi</i>	<i>0.50mi to 1.00mi</i>	<i>Total</i>
LA SWF	Y	0.5	0	0	0	0	-	0
LA COUNTY CUPA	Y	0.25	0	10	8	-	-	18
LA HMS	Y	0.25	0	3	11	-	-	14
UST SANTAFESP	Y	0.25	0	0	0	-	-	0
UST LONGB	Y	0.25	0	0	0	-	-	0
BURBANK CUPA	Y	0.25	0	7	5	-	-	12
UST ELSEGUNDO	Y	0.25	0	0	0	-	-	0
UST SANTA MONICA	Y	0.25	0	0	0	-	-	0
SANTAMON AST	Y	0.25	0	0	0	-	-	0
SANTAMON CUPA	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
VERNON CUPA	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
LA CITY HAZMAT	Y	0.125	0	0	-	-	-	0

**Additional Environmental Records**

**Federal**

PFAS NPL	Y	0.5	0	0	0	0	-	0
FINDS/FRS	Y	PO	0	1	-	-	-	1
TRIS	Y	PO	0	-	-	-	-	0
PFAS TRI	Y	0.5	0	0	0	0	-	0
PFAS WATER	Y	0.5	0	0	0	0	-	0
HMIRS	Y	0.125	0	2	-	-	-	2
NCDL	Y	0.125	0	0	-	-	-	0
TSCA	Y	0.125	0	0	-	-	-	0
HIST TSCA	Y	0.125	0	0	-	-	-	0
FTTS ADMIN	Y	PO	0	-	-	-	-	0
FTTS INSP	Y	PO	0	-	-	-	-	0
PRP	Y	PO	0	-	-	-	-	0
SCRD DRYCLEANER	Y	0.5	0	0	0	0	-	0
ICIS	Y	PO	0	-	-	-	-	0
FED DRYCLEANERS	Y	0.25	0	0	0	-	-	0
DELISTED FED DRY	Y	0.25	0	0	0	-	-	0
FUDS	Y	1	0	0	0	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
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
ALT FUELS	Y	0.25	0	1	0	-	-	1
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	0	-	0
DTSC HWF	Y	0.5	0	0	0	0	-	0
INSP COMP ENF	Y	1	0	0	0	0	0	0
SCH	Y	1	0	0	0	0	0	0
CHMIRS	Y	PO	0	-	-	-	-	0
HAZNET	Y	PO	0	-	-	-	-	0
HIST CHMIRS	Y	PO	0	-	-	-	-	0
HIST MANIFEST	Y	PO	0	-	-	-	-	0
HIST CORTESE	Y	0.5	0	0	0	0	-	0
CDO/CAO	Y	0.5	0	0	0	0	-	0
CERS HAZ	Y	0.125	0	5	-	-	-	5
DELISTED HAZ	Y	0.5	0	0	0	2	-	2
GEOTRACKER	Y	0.125	0	0	-	-	-	0
WASTE DISCHG	Y	0.25	0	0	1	-	-	1
EMISSIONS	Y	0.25	0	9	10	-	-	19
CDL	Y	0.125	0	0	-	-	-	0

**Tribal**

**No Tribal additional environmental record sources available for this State.**

**County**

SANTAMON HAZ	Y	0.125	0	0	-	-	-	0
SANTAMON HW	Y	0.125	0	0	-	-	-	0

<i>Database</i>	<i>Searched</i>	<i>Search Radius</i>	<i>Project Property</i>	<i>Within 0.12mi</i>	<i>0.125mi to 0.25mi</i>	<i>0.25mi to 0.50mi</i>	<i>0.50mi to 1.00mi</i>	<i>Total</i>
			0	71	67	6	1	145
	<i>Total:</i>							

\* *PO – Property Only*

\* *'Property and adjoining properties' database search radii are set at 0.25 miles.*

## Executive Summary: Site Report Summary - Project Property

<i>Map Key</i>	<i>DB</i>	<i>Company/Site Name</i>	<i>Address</i>	<i>Direction</i>	<i>Distance (mi/ft)</i>	<i>Elev Diff (ft)</i>	<i>Page Number</i>
--------------------	-----------	--------------------------	----------------	------------------	-----------------------------	---------------------------	------------------------

No records found in the selected databases for the project property.

## Executive Summary: Site Report Summary - Surrounding Properties

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
<a href="#">1</a>	FINDS/FRS	BWP NAOMI STATION	228 S NAOMI ST BURBANK CA 91505	SW	0.01 / 27.85	0	<a href="#">42</a>
<a href="#">1</a>	BURBANK CUPA	BWP Naomi Station	228 S Naomi ST Burbank CA 91505	SW	0.01 / 27.85	0	<a href="#">42</a>
<a href="#">1</a>	CERS TANK	BWP Naomi Station	228 S NAOMI ST BURBANK CA 91505  <i>Site ID: 14264</i>	SW	0.01 / 27.85	0	<a href="#">42</a>
<a href="#">1</a>	LA COUNTY CUPA	BWP NAOMI STATION	228 S NAOMI ST BURBANK CA 91505	SW	0.01 / 27.85	0	<a href="#">45</a>
<a href="#">2</a>	BURBANK CUPA	The Heights at Burbank	2721 Willow ST Burbank CA 91505	WSW	0.03 / 148.83	1	<a href="#">45</a>
<a href="#">2</a>	CERS HAZ	The Heights at Burbank	2721 WILLOW ST BURBANK CA 91505	WSW	0.03 / 148.83	1	<a href="#">45</a>
<a href="#">2</a>	LA COUNTY CUPA	THE HEIGHTS AT BURBANK	2721 WILLOW ST BURBANK CA 91505	WSW	0.03 / 148.83	1	<a href="#">47</a>
<a href="#">3</a>	RCRA NON GEN	GILBERT N ROSS MD INC	2625 W ALAMEDA AVE STE 518 BURBANK CA 91505 <i>EPA Handler ID: CAL000303597</i>	SSE	0.05 / 264.09	-2	<a href="#">48</a>
<a href="#">3</a>	RCRA NON GEN	ZINNIA C REGALA DDS	2625 W ALAMEDA AVE STE 216 BURBANK CA 91505-4823 <i>EPA Handler ID: CAL000357424</i>	SSE	0.05 / 264.09	-2	<a href="#">49</a>
<a href="#">3</a>	RCRA NON GEN	ALAMEDA ORAL SURGERY	2625 W ALAMEDA AVE STE 502 BURBANK CA 91505 <i>EPA Handler ID: CAL000434944</i>	SSE	0.05 / 264.09	-2	<a href="#">50</a>
<a href="#">3</a>	RCRA NON GEN	DR KEITH RADACK DDS	2625 W ALAMEDA AVE STE 200 BURBANK CA 91505-4823 <i>EPA Handler ID: CAL000317793</i>	SSE	0.05 / 264.09	-2	<a href="#">51</a>
<a href="#">3</a>	RCRA NON GEN	ALEXANDRE HK TAVITIAN DDS INC	2625 W ALAMEDA AVE STE 420 BURBANK CA 91505-0000 <i>EPA Handler ID: CAL000196836</i>	SSE	0.05 / 264.09	-2	<a href="#">52</a>

<b>Map Key</b>	<b>DB</b>	<b>Company/Site Name</b>	<b>Address</b>	<b>Direction</b>	<b>Distance (mi/ft)</b>	<b>Elev Diff (ft)</b>	<b>Page Number</b>
<a href="#">3</a>	RCRA NON GEN	UCLA HEALTH BURBANK UROLOGY	2625 W ALAMEDA AVE STE 310 BURBANK CA 91505 <i>EPA Handler ID:</i> CAL000449857	SSE	0.05 / 264.09	-2	<a href="#">53</a>
<a href="#">4</a>	RCRA NON GEN	GARO ADOMIAN DDS INC	2601 W ALAMEDA AVE STE 102 BURBANK CA 91505-4808 <i>EPA Handler ID:</i> CAL000349418	SE	0.05 / 273.53	-3	<a href="#">54</a>
<a href="#">4</a>	RCRA NON GEN	RICHY AGAJANIAN M.D. A PROFESSIONAL CORPORATION	2601 W ALAMEDA AVE STE 300 BURBANK CA 91505  <i>EPA Handler ID:</i> CAL000438558	SE	0.05 / 273.53	-3	<a href="#">55</a>
<a href="#">4</a>	RCRA NON GEN	JOHN YEKIKIAN, DDS	2601 W ALAMEDA AVE STE 406 BURBANK CA 91505-0000 <i>EPA Handler ID:</i> CAL000152445	SE	0.05 / 273.53	-3	<a href="#">56</a>
<a href="#">4</a>	RCRA NON GEN	PROVIDENCE MEDICAL INSTITUTE	2601 W ALAMEDA AVE STE 212 BURBANK CA 91505-4814 <i>EPA Handler ID:</i> CAL000441293	SE	0.05 / 273.53	-3	<a href="#">57</a>
<a href="#">5</a>	RCRA NON GEN	PATRICK TSENG, DDS INC	2701 W ALAMEDA AVE STE 306 BURBANK CA 91505-4408 <i>EPA Handler ID:</i> CAL000344237	S	0.05 / 281.19	-1	<a href="#">58</a>
<a href="#">6</a>	RCRA TSD	PROVIDENCE ST JOSEPH MEDICAL CTR	501 SOUTH BUENA VISTA STREET BURBANK CA 91505-4866 <i>EPA Handler ID:</i> CAD108148958	S	0.06 / 293.55	-2	<a href="#">59</a>
<a href="#">6</a>	RCRA LQG	PROVIDENCE ST JOSEPH MEDICAL CTR	501 SOUTH BUENA VISTA STREET BURBANK CA 91505-4866 <i>EPA Handler ID:</i> CAD108148958	S	0.06 / 293.55	-2	<a href="#">68</a>
<a href="#">6</a>	LA HMS		501 S BUENA VISTA ST BURBANK CA 91505	S	0.06 / 293.55	-2	<a href="#">78</a>
<a href="#">6</a>	BURBANK CUPA	Providence St Joseph Medical Center	501 S Buena Vista ST Burbank CA 91505	S	0.06 / 293.55	-2	<a href="#">78</a>
<a href="#">6</a>	UST	Providence St Joseph Medical Center	501 S Buena Vista ST Burbank CA 91505  <i>Facility ID:</i> 00033	S	0.06 / 293.55	-2	<a href="#">78</a>
<a href="#">6</a>	EMISSIONS	ST. JOSEPH MEDICAL CTR	501 S BUENA VISTA ST BURBANK CA 91505	S	0.06 / 293.55	-2	<a href="#">78</a>
<a href="#">6</a>	EMISSIONS	PROVIDENCE ST JOSEPH MED CTR	501 S BUENA VISTA ST BURBANK CA 91505	S	0.06 / 293.55	-2	<a href="#">85</a>

<b>Map Key</b>	<b>DB</b>	<b>Company/Site Name</b>	<b>Address</b>	<b>Direction</b>	<b>Distance (mi/ft)</b>	<b>Elev Diff (ft)</b>	<b>Page Number</b>
<a href="#"><u>6</u></a>	EMISSIONS	ST. JOSEPHS HOSP & MEDICAL CTR	501 S. BUENA VISTA AVE. BURBANK CA 91503	S	0.06 / 293.55	-2	<a href="#"><u>88</u></a>
<a href="#"><u>6</u></a>	CERS TANK	Providence St Joseph Medical Center	501 S BUENA VISTA ST BURBANK CA 91505  <i>Site ID:</i> 399988	S	0.06 / 293.55	-2	<a href="#"><u>88</u></a>
<a href="#"><u>6</u></a>	LA COUNTY CUPA	PROVIDENCE ST JOSEPH MEDICAL CENTER	501 S BUENA VISTA ST BURBANK CA 91505	S	0.06 / 293.55	-2	<a href="#"><u>94</u></a>
<a href="#"><u>6</u></a>	RCRA NON GEN	PROVIDENCE ST. JOSEPH MEDICAL CENTER	501 S BUENA VISTA STREET BURBANK CA 91505  <i>EPA Handler ID:</i> CAC003056623	S	0.06 / 293.55	-2	<a href="#"><u>94</u></a>
<a href="#"><u>7</u></a>	DELISTED TNK	THE POINT	2900 W. ALAMEDA AVE. BURBANK CA 91505	SE	0.07 / 361.48	-3	<a href="#"><u>95</u></a>
<a href="#"><u>8</u></a>	LA HMS		2703 W OLIVE AVE BURBANK CA 91523	NW	0.08 / 422.13	3	<a href="#"><u>96</u></a>
<a href="#"><u>9</u></a>	RCRA NON GEN	M S ANIMAL HOSP INC.	2723 W OLIVE AVE BURBANK CA 91505-0000  <i>EPA Handler ID:</i> CAL000111242	WNW	0.08 / 431.31	3	<a href="#"><u>96</u></a>
<a href="#"><u>10</u></a>	RCRA SQG	BLUTH VIDEO SYST	2660 WES OLIVE AVE BURBANK CA 91505  <i>EPA Handler ID:</i> CAD039668314	NNW	0.08 / 437.48	2	<a href="#"><u>97</u></a>
<a href="#"><u>10</u></a>	LA COUNTY CUPA	ALL POST INC	2660 W OLIVE AVE BURBANK CA 91505	NNW	0.08 / 437.48	2	<a href="#"><u>98</u></a>
<a href="#"><u>11</u></a>	BURBANK CUPA	The Pointe	2900 W Alameda AVE Burbank CA 91505	SW	0.09 / 462.83	0	<a href="#"><u>98</u></a>
<a href="#"><u>11</u></a>	UST	THE POINTE	2900 W ALAMEDA AVE # 100 BURBANK CA 91505  <i>Facility ID:</i> LACoFA0040639	SW	0.09 / 462.83	0	<a href="#"><u>99</u></a>
<a href="#"><u>11</u></a>	CERS TANK	THE POINTE	2900 W ALAMEDA AVE # 100 BURBANK CA 91505  <i>Site ID:</i> 403964	SW	0.09 / 462.83	0	<a href="#"><u>99</u></a>
<a href="#"><u>11</u></a>	LA COUNTY CUPA	THE POINTE	2900 W ALAMEDA AVE 100 BURBANK CA 91505	SW	0.09 / 462.83	0	<a href="#"><u>102</u></a>

<b>Map Key</b>	<b>DB</b>	<b>Company/Site Name</b>	<b>Address</b>	<b>Direction</b>	<b>Distance (mi/ft)</b>	<b>Elev Diff (ft)</b>	<b>Page Number</b>
<a href="#">12</a>	HMIRS		191 S. BUENA VISTA AVENUE BURBANK CA	E	0.09 / 490.18	-4	<a href="#">103</a>
<a href="#">12</a>	HMIRS		191 S. BUENA VISTA AVENUE BURBANK CA	E	0.09 / 490.18	-4	<a href="#">103</a>
<a href="#">13</a>	RCRA NON GEN	PROVIDENCE HEALTH SYSTEM-SO CALI DBA PROVIDENCE SAINT JOSEPH MEDICAL	181 S BUENA VISTA BURBANK CA 91505	NE	0.09 / 493.20	-2	<a href="#">104</a>
			<i>EPA Handler ID:</i> CAL000429156				
<a href="#">13</a>	RCRA NON GEN	PROVIDENCE MEDICAL INSTITUTE	181 S BUENA VISA ST 4TH FLOOR BURBANK CA 91505	NE	0.09 / 493.20	-2	<a href="#">105</a>
			<i>EPA Handler ID:</i> CAL000441249				
<a href="#">14</a>	CLEANUP SITES	FOTO-KEM INDUSTRIES, INC.	2800 W. OLIVE AVE. BURBANK CA 91505	W	0.10 / 510.20	3	<a href="#">106</a>
			<i>Site Facility Type / Status:</i> CLEANUP PROGRAM SITE   COMPLETED - CASE CLOSED				
<a href="#">14</a>	BURBANK CUPA	FotoKem Industries Inc	2800 W Olive AVE Burbank CA 91505	W	0.10 / 510.20	3	<a href="#">108</a>
<a href="#">14</a>	EMISSIONS	FOTO-KEM /FOTO TRONICS	2800 W OLIVE AVE BURBANK CA 91505	W	0.10 / 510.20	3	<a href="#">109</a>
<a href="#">14</a>	EMISSIONS	FOTO-KEM IND INC	2800 W OLIVE AV BURBANK CA 91505	W	0.10 / 510.20	3	<a href="#">109</a>
<a href="#">14</a>	EMISSIONS	FOTO-KEM /FOTO TRONICS	2800 W OLIVE AV BURBANK CA 91505	W	0.10 / 510.20	3	<a href="#">110</a>
<a href="#">14</a>	EMISSIONS	FOTOKEM INDUSTRIES, INC	2800 W OLIVE AVE BURBANK CA 91505	W	0.10 / 510.20	3	<a href="#">113</a>
<a href="#">14</a>	CERS HAZ	FOTOKEM FILM & VIDEO	2800 W OLIVE AVE BURBANK CA 91505	W	0.10 / 510.20	3	<a href="#">118</a>
<a href="#">14</a>	LA COUNTY CUPA	FOTOKEM FILM & VIDEO	2800 W OLIVE AVE BURBANK CA 91505	W	0.10 / 510.20	3	<a href="#">121</a>

<b>Map Key</b>	<b>DB</b>	<b>Company/Site Name</b>	<b>Address</b>	<b>Direction</b>	<b>Distance (mi/ft)</b>	<b>Elev Diff (ft)</b>	<b>Page Number</b>
<a href="#">14</a>	RCRA SQG	FOTO KEM INDUSTRIES, INC	2800 W OLIVE AVE BURBANK CA 91505  <i>EPA Handler ID:</i> CAD981447303	W	0.10 / 510.20	3	<a href="#">121</a>
<a href="#">15</a>	RCRA NON GEN	UCLA BURBANK HEMATOLOGY ONCOLOGY	201 S BUENA VISTA ST STE 200 BURBANK CA 91505  <i>EPA Handler ID:</i> CAL000408883	NE	0.10 / 526.93	-2	<a href="#">123</a>
<a href="#">15</a>	RCRA NON GEN	PROVIDENCE MEDICAL INSTITUTE	201 S BUENA VISTA ST STE 100 BURBANK CA 91505 <i>EPA Handler ID:</i> CAL000441238	NE	0.10 / 526.93	-2	<a href="#">124</a>
<a href="#">16</a>	RCRA SQG	VIDCOM POST INC	2600 W OLIVE AVE, STE 100 BURBANK CA 91505  <i>EPA Handler ID:</i> CAD982400988	N	0.11 / 568.87	0	<a href="#">125</a>
<a href="#">16</a>	BURBANK CUPA	Verizon Wireless Magnolia Park	2600 W Olive AVE #B Burbank CA 91505	N	0.11 / 568.87	0	<a href="#">126</a>
<a href="#">16</a>	BURBANK CUPA	GPI Maple LP	2600 W Olive AVE Burbank CA 91505	N	0.11 / 568.87	0	<a href="#">126</a>
<a href="#">16</a>	CERS HAZ	Verizon Wireless: Magnolia Park	2600 W OLIVE AVE # B BURBANK CA 91505	N	0.11 / 568.87	0	<a href="#">126</a>
<a href="#">16</a>	CERS HAZ	GPI Maple. LP	2600 W OLIVE AVE STE 110 BURBANK CA 91505	N	0.11 / 568.87	0	<a href="#">128</a>
<a href="#">16</a>	LA COUNTY CUPA	GPI MAPLE	2600 W OLIVE AVE 110 BURBANK CA 91505	N	0.11 / 568.87	0	<a href="#">130</a>
<a href="#">16</a>	LA COUNTY CUPA	VERIZON WIRELESS - MAGNOLIA PARK	2600 W OLIVE AVE B BURBANK CA 91505	N	0.11 / 568.87	0	<a href="#">130</a>
<a href="#">16</a>	ALT FUELS	GRANITE PROP	2600 W Olive Burbank CA 91505	N	0.11 / 568.87	0	<a href="#">131</a>
<a href="#">17</a>	RCRA NON GEN	OCEAN WEST MANAGEMENT SERVICES	2910 W ALAMEDA AVE BURBANK CA 91505  <i>EPA Handler ID:</i> CAL000437807	SW	0.12 / 635.08	0	<a href="#">131</a>
<a href="#">18</a>	RCRA SQG	FINE AUTO SERVICE	2601 W OLIVE AVE BURBANK CA 91505	N	0.12 / 635.90	0	<a href="#">132</a>

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number	
			<i>EPA Handler ID:</i> CAD982479446					
<a href="#">18</a>	LA HMS		2601 W OLIVE AVE BURBANK CA 91523	N	0.12 / 635.90	0	<a href="#">133</a>	
<a href="#">18</a>	EMISSIONS	AUTO FLM INC	2601 W OLIVE AV BURBANK CA 91505	N	0.12 / 635.90	0	<a href="#">134</a>	
<a href="#">18</a>	CERS HAZ	CALSTATE AUTO REPAIR	2601 W OLIVE AVE BURBANK CA 91505	N	0.12 / 635.90	0	<a href="#">134</a>	
<a href="#">18</a>	RCRA NON GEN	CALSTATE AUTO REPAIR, INC	2601 W OLIVE AVE BURBANK CA 91505-4526	N	0.12 / 635.90	0	<a href="#">137</a>	
			<i>EPA Handler ID:</i> CAL000352272					
<a href="#">18</a>	LA COUNTY CUPA	CALSTATE AUTO REPAIR	2601 W OLIVE AVE BURBANK CA 91505	N	0.12 / 635.90	0	<a href="#">138</a>	
<a href="#">19</a>	RCRA SQG	4MC BURBANK INC STUDIO SVC	2820 WEST OLIVE AVE BURBANK CA 91505-4455	W	0.12 / 658.04	3	<a href="#">138</a>	
			<i>EPA Handler ID:</i> CAR000001230					
<a href="#">19</a>	EMISSIONS	4MC-BURBANK, INC.	2820 W OLIVE AVE BURBANK CA 91505	W	0.12 / 658.04	3	<a href="#">139</a>	
<a href="#">19</a>	LA COUNTY CUPA	4MC	2820 W OLIVE AVE BURBANK CA 91505	W	0.12 / 658.04	3	<a href="#">141</a>	
<a href="#">20</a>	RCRA NON GEN	COMPACT VIDEO INC	2813 W ALAMEDA AVE BURBANK CA 91505	SW	0.13 / 679.25	0	<a href="#">142</a>	
			<i>EPA Handler ID:</i> CAD059234336					
<a href="#">21</a>	CLEANUP SITES	NATIONAL BROADCASTING STUDIOS	330 BOB HOPE DR. BURBANK CA 91523	SSW	0.14 / 718.07	0	<a href="#">143</a>	
			<i>Site Facility Type   Status:</i> CLEANUP PROGRAM SITE   COMPLETED - CASE CLOSED					
<a href="#">22</a>	RCRA NON GEN	NANCY LEE DDS INC	2901 W OLIVE AVE BURBANK CA 91505-0000	W	0.14 / 727.86	3	<a href="#">146</a>	
			<i>EPA Handler ID:</i> CAL000194705					
<a href="#">23</a>	LA HMS		2509 W OLIVE AVE BURBANK CA 91523	N	0.14 / 743.34	0	<a href="#">147</a>	
<a href="#">24</a>	UST	CF BURBANK OFFICE LP C/O TRANSWESTERN	2901 W Alameda Ave. Burbank CA 91505	WSW	0.14 / 749.51	1	<a href="#">148</a>	

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
			<i>Facility ID:</i> LACoFA0002069				
<a href="#">25</a>	LA HMS		2901 W ALAMEDA AVE BURBANK CA 91505	SW	0.15 / 782.43	-1	<a href="#">148</a>
<a href="#">25</a>	BURBANK CUPA	CF Burbank Office LP	2901 W Alameda AVE Burbank CA 91505	SW	0.15 / 782.43	-1	<a href="#">148</a>
<a href="#">25</a>	EMISSIONS	COMPACT VIDEO SERVICES INC ( A	2901 W ALAMEDA AVE BURBANK CA 91505	SW	0.15 / 782.43	-1	<a href="#">148</a>
<a href="#">25</a>	CERS TANK	CF BURBANK OFFICE LP C/O TRANSWESTERN	2901 W ALAMEDA AVE. BURBANK CA 91505	SW	0.15 / 782.43	-1	<a href="#">149</a>
			<i>Site ID:</i> 104388				
<a href="#">25</a>	LA COUNTY CUPA	CF BURBANK OFFICE LP C/O TRANSWESTERN	2901 W ALAMEDA AVE BURBANK CA 91505	SW	0.15 / 782.43	-1	<a href="#">153</a>
<a href="#">26</a>	DELISTED TNK	2901 W ALAMEDA	2901 W ALAMEDA AVE BURBANK CA 91505	SW	0.15 / 784.39	-1	<a href="#">153</a>
<a href="#">27</a>	LA HMS		2909 W OLIVE AVE #A BURBANK CA 91523	WSW	0.15 / 798.91	3	<a href="#">154</a>
<a href="#">27</a>	LA HMS		2909 W OLIVE AVE BURBANK CA 91523	WSW	0.15 / 798.91	3	<a href="#">154</a>
<a href="#">27</a>	DELISTED COUNTY	All American Auto	2909 W Olive AVE Burbank CA 91505	WSW	0.15 / 798.91	3	<a href="#">154</a>
<a href="#">27</a>	LA COUNTY CUPA	ALL AMERICAN AUTO	2909 W OLIVE AVE BURBANK CA 91505	WSW	0.15 / 798.91	3	<a href="#">154</a>
<a href="#">28</a>	LUST	MOBIL GAS STATION	2501 OLIVE AVE W BURBANK CA 91505	NNE	0.15 / 800.55	-1	<a href="#">155</a>
			<i>Global ID   Status   Status Date:</i> T0603700179   COMPLETED - CASE CLOSED   11/30/1995				
<a href="#">28</a>	LA HMS		2501 W OLIVE AVE BURBANK CA 91505	NNE	0.15 / 800.55	-1	<a href="#">157</a>
<a href="#">28</a>	BURBANK CUPA	Chevron G & M #75	2501 W Olive AVE Burbank CA 91505	NNE	0.15 / 800.55	-1	<a href="#">157</a>

<b>Map Key</b>	<b>DB</b>	<b>Company/Site Name</b>	<b>Address</b>	<b>Direction</b>	<b>Distance (mi/ft)</b>	<b>Elev Diff (ft)</b>	<b>Page Number</b>
<a href="#">28</a>	EMISSIONS	G & M OIL CO, LLC #75	2501 W OLIVE AVE BURBANK CA 91504	NNE	0.15 / 800.55	-1	<a href="#">157</a>
<a href="#">28</a>	CERS TANK	Chevron (G&M #75)	2501 W OLIVE AVE BURBANK CA 91504 <i>Site ID: 18271</i>	NNE	0.15 / 800.55	-1	<a href="#">158</a>
<a href="#">28</a>	RCRA NON GEN	G & M OIL CO	2501 W OLIVE AVE BURBANK CA 91505-4524 <i>EPA Handler ID: CAL000190914</i>	NNE	0.15 / 800.55	-1	<a href="#">163</a>
<a href="#">28</a>	LA COUNTY CUPA	CHEVRON (G&M #75)	2501 W OLIVE AVE BURBANK CA 91504	NNE	0.15 / 800.55	-1	<a href="#">164</a>
<a href="#">29</a>	UST	Chevron (G&M #75)	2501 W OLIVE AVE Burbank CA 91504 <i>Facility ID: 00691</i>	N	0.16 / 852.19	1	<a href="#">164</a>
<a href="#">30</a>	LUST	SARQUIZ CHEVRON (FORMER MEPCO SERVICE STA.)	2501 OLIVE AVE BURBANK CA 91504  <i>Global ID / Status / Status Date: T0603700180   COMPLETED - CASE CLOSED   12/22/2004</i>	N	0.16 / 853.56	1	<a href="#">165</a>
<a href="#">31</a>	BURBANK CUPA	Valvoline Instant Oil Change	2420 W Olive AVE Burbank CA 91506	NNE	0.17 / 906.02	0	<a href="#">168</a>
<a href="#">31</a>	CERS TANK	Valvoline Instant Oil Change GN0052	2420 W OLIVE AVE BURBANK CA 91506 <i>Site ID: 165826</i>	NNE	0.17 / 906.02	0	<a href="#">168</a>
<a href="#">31</a>	RCRA NON GEN	VALVOLINE INSTANT OIL CHANGE GN0052	2420 W OLIVE AVE BURBANK CA 91506 <i>EPA Handler ID: CAL000370631</i>	NNE	0.17 / 906.02	0	<a href="#">171</a>
<a href="#">31</a>	LA COUNTY CUPA	VALVOLINE INSTANT OIL CHANGE GN0052	2420 W OLIVE AVE BURBANK CA 91506	NNE	0.17 / 906.02	0	<a href="#">172</a>
<a href="#">32</a>	LA HMS		113 N BUENA VISTA ST BURBANK CA 91502	N	0.19 / 978.12	2	<a href="#">172</a>
<a href="#">32</a>	LA COUNTY CUPA	DON WALTERS GARAGE	113 N BUENA VISTA ST BURBANK CA 91505	N	0.19 / 978.12	2	<a href="#">172</a>
<a href="#">33</a>	DELISTED TNK	ST JOSEPHS MEDICAL CENTER	501 S BUENA VISTA ST BURBANK CA 91505	ESE	0.20 / 1,046.17	-9	<a href="#">173</a>

<b>Map Key</b>	<b>DB</b>	<b>Company/Site Name</b>	<b>Address</b>	<b>Direction</b>	<b>Distance (mi/ft)</b>	<b>Elev Diff (ft)</b>	<b>Page Number</b>
<a href="#">34</a>	LUST	STUDIO STAR MOBIL	3020 OLIVE AVE W BURBANK CA 91505	WSW	0.21 / 1,130.62	1	<a href="#">173</a>
<i>Global ID   Status   Status Date:</i> T0603790017   COMPLETED - CASE CLOSED   7/12/2007							
<a href="#">35</a>	EMISSIONS	THE WALT DISNEY COMPANY	500 S BUENA VISTA & 2101 RIVER BURBANK CA 91521	SE	0.22 / 1,137.50	-9	<a href="#">183</a>
<a href="#">36</a>	EMISSIONS	LARRY SUTTON CONCRETE PUMPING,	214 N NAOMI ST. BURBANK CA 91505	NNW	0.22 / 1,144.62	9	<a href="#">188</a>
<a href="#">37</a>	DELISTED TNK	MOBIL	3020 W OLIVE AVE BURBANK CA 91505	W	0.22 / 1,146.55	5	<a href="#">189</a>
<a href="#">38</a>	RCRA NON GEN	MAZZEO PAINTING CO INC	249 S LINCOLN ST BURBANK CA 91506	ENE	0.23 / 1,195.90	1	<a href="#">189</a>
<i>EPA Handler ID:</i> CAD982325656							
<a href="#">39</a>	LA HMS		212 N BUENA VISTA ST BURBANK CA 91502	N	0.23 / 1,200.30	9	<a href="#">190</a>
<a href="#">40</a>	RCRA LQG	WALT DISNEY PICTURES AND TELEVISION	500 S. BUENA VISTA ST BURBANK CA 91521-0000	E	0.23 / 1,218.25	-7	<a href="#">190</a>
<i>EPA Handler ID:</i> CAD981399348							
<a href="#">40</a>	LA HMS		500 S BUENA VISTA ST BURBANK CA 915210001	E	0.23 / 1,218.25	-7	<a href="#">201</a>
<a href="#">40</a>	LA HMS		500 S BUENA VISTA ST BURBANK CA 91506	E	0.23 / 1,218.25	-7	<a href="#">201</a>
<a href="#">40</a>	HHSS	LEE GANOWEN SERVICE STATION	500 S. BUENA VISTA BURBANK CA 91521	E	0.23 / 1,218.25	-7	<a href="#">202</a>
<a href="#">40</a>	HHSS	WALT DISNEY PICTURES	500 S. BUENA VISTA BURBANK CA 91521	E	0.23 / 1,218.25	-7	<a href="#">202</a>
<a href="#">40</a>	BURBANK CUPA	Disney Enterprises Inc	500 S Buena Vista ST Burbank CA 91521	E	0.23 / 1,218.25	-7	<a href="#">202</a>
<a href="#">40</a>	WASTE DISCHG	WALT DISNEY CO.	500 SOUTH BUENA VISTA STREET BURBANK CA 91521	E	0.23 / 1,218.25	-7	<a href="#">202</a>

<b>Map Key</b>	<b>DB</b>	<b>Company/Site Name</b>	<b>Address</b>	<b>Direction</b>	<b>Distance (mi/ft)</b>	<b>Elev Diff (ft)</b>	<b>Page Number</b>
<a href="#">40</a>	EMISSIONS	THE WALT DISNEY COMPANY	500 S BUENA VISTA BURBANK CA 91521	E	0.23 / 1,218.25	-7	<a href="#">203</a>
<a href="#">40</a>	EMISSIONS	THE WALT DISNEY COMPANY	500 S BUENA VISTA ST BURBANK CA 91521	E	0.23 / 1,218.25	-7	<a href="#">204</a>
<a href="#">40</a>	EMISSIONS	THE WALT DISNEY COMPANY	500 S BUENA VISTA ST. BURBANK CA 91521	E	0.23 / 1,218.25	-7	<a href="#">206</a>
<a href="#">40</a>	EMISSIONS	WALT DISNEY CO	500 S BUENA VISTA ST BURBANK CA 91521	E	0.23 / 1,218.25	-7	<a href="#">207</a>
<a href="#">40</a>	EMISSIONS	DISNEY DEVELOPMENT CO.	500 S BUENA VISTA ST. BURBANK CA 91521	E	0.23 / 1,218.25	-7	<a href="#">208</a>
<a href="#">40</a>	CERS TANK	DISNEY ENTERPRISES, INC	500 S BUENA VISTA ST BURBANK CA 91521  <i>Site ID: 170317</i>	E	0.23 / 1,218.25	-7	<a href="#">209</a>
<a href="#">40</a>	HIST TANK	WALT DISNEY PICTURES	500 S. BUENA VISTA BURBANK CA	E	0.23 / 1,218.25	-7	<a href="#">214</a>
<a href="#">40</a>	HIST TANK	LEE GANOWEN SERVICE STATION	500 S. BUENA VISTA BURBANK CA	E	0.23 / 1,218.25	-7	<a href="#">214</a>
<a href="#">40</a>	LA COUNTY CUPA	DISNEY ENTERPRISES, INC.	500 S BUENA VISTA ST BURBANK CA 91521	E	0.23 / 1,218.25	-7	<a href="#">214</a>
<a href="#">41</a>	RCRA NON GEN	JASPER DUMANDAN	231 N NIAGARA ST BURBANK CA 91505-3647  <i>EPA Handler ID: CAC003042664</i>	W	0.24 / 1,252.83	8	<a href="#">215</a>
<a href="#">42</a>	LA HMS		3025 W OLIVE AVE BURBANK CA 91523	WSW	0.24 / 1,270.35	1	<a href="#">216</a>
<a href="#">42</a>	LA COUNTY CUPA	STAR AUTO CENTER	3025 W OLIVE AVE BURBANK CA 91505	WSW	0.24 / 1,270.35	1	<a href="#">216</a>
<a href="#">43</a>	UST	STUDIO STAR MOBIL	3020 W OLIVE AVE BURBANK CA 91505  <i>Facility ID: LACoFA0019163</i>	WSW	0.24 / 1,291.47	0	<a href="#">216</a>

<b>Map Key</b>	<b>DB</b>	<b>Company/Site Name</b>	<b>Address</b>	<b>Direction</b>	<b>Distance (mi/ft)</b>	<b>Elev Diff (ft)</b>	<b>Page Number</b>
<a href="#">44</a>	DELISTED TNK	WALT DISNEY	500 S BUENA VISTA ST BURBANK CA 91521	ESE	0.24 / 1,292.16	-11	<a href="#">216</a>
<a href="#">44</a>	DELISTED TNK	ABC-7 TELEVISION BROADCAST FACILITY	500 S. BUENA VISTA Burbank CA 91521	ESE	0.24 / 1,292.16	-11	<a href="#">217</a>
<a href="#">45</a>	LA HMS		3020 W OLIVE AVE BURBANK CA 91502	WSW	0.25 / 1,297.29	1	<a href="#">217</a>
<a href="#">45</a>	HHSS	PRONTO CHEVRON	3020 W. OLIVE BURBANK BURBANK CA 90201	WSW	0.25 / 1,297.29	1	<a href="#">217</a>
<a href="#">45</a>	BURBANK CUPA	Studio Star Mobile	3020 W Olive AVE Burbank CA 91505	WSW	0.25 / 1,297.29	1	<a href="#">217</a>
<a href="#">45</a>	CERS TANK	STUDIO STAR MOBIL	3020 W OLIVE AVE BURBANK CA 91505 <b>Site ID:</b> 157650	WSW	0.25 / 1,297.29	1	<a href="#">217</a>
<a href="#">45</a>	HIST TANK	PRONTO CHEVRON	3020 W. OLIVE BURBANK BURBANK CA	WSW	0.25 / 1,297.29	1	<a href="#">221</a>
<a href="#">45</a>	EMISSIONS	STUDIO STAR FOODMART	3020 W OLIVE BURBANK CA 91505	WSW	0.25 / 1,297.29	1	<a href="#">221</a>
<a href="#">45</a>	LA COUNTY CUPA	STUDIO STAR MOBIL	3020 W OLIVE AVE BURBANK CA 91505	WSW	0.25 / 1,297.29	1	<a href="#">221</a>
<a href="#">46</a>	LUST	NBC-FIELD SHOP	3000 ALAMEDA AVE W BURBANK CA 91523 <b>Global ID   Status   Status Date:</b> T0603702546   COMPLETED - CASE CLOSED   5/28/2003	WSW	0.25 / 1,311.10	-2	<a href="#">222</a>
<a href="#">47</a>	CLEANUP SITES	WALT DISNEY STUDIOS	500 SOUTH BUENA VISTA STREET BURBANK CA 91505 <b>Site Facility Type   Status:</b> CLEANUP PROGRAM SITE   COMPLETED - CASE CLOSED	ESE	0.31 / 1,661.96	-16	<a href="#">224</a>
<a href="#">48</a>	DELISTED HAZ	BWP Keystone Distributing Station	413 S KEYSTONE ST BURBANK CA 91505	E	0.36 / 1,900.51	-9	<a href="#">228</a>
<a href="#">49</a>	CLEANUP SITES	NBC STUDIOS	3000 W. ALAMEDA AVE. BURBANK CA 91505 <b>Site Facility Type   Status:</b> CLEANUP PROGRAM SITE   COMPLETED - CASE CLOSED	SSW	0.39 / 2,045.21	-4	<a href="#">229</a>
<a href="#">49</a>	RCRA TSD	CATALINA MEDIA DEVELOPMENT II, LLC	3000 W. ALAMEDA AVE #130 BURBANK CA 91505	SSW	0.39 / 2,045.21	-4	<a href="#">235</a>

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
			<b>EPA Handler ID:</b> CAC003013383				
<a href="#">50</a>	DELISTED HAZ	BWP NBC Substation	130 S CALIFORNIA ST BURBANK CA 91505	SW	0.40 / 2,116.38	0	<a href="#">236</a>
<a href="#">51</a>	NPL	SAN FERNANDO VALLEY (AREA 1)	NORTH HOLLYWOOD WELLFIELD AREA NORTH HOLLYWOOD CA 91601 <b>EPA ID:</b> CAD980894893	E	0.43 / 2,247.41	-21	<a href="#">236</a>
<a href="#">52</a>	ENVIROSTOR	MAGNA PLATING CO., INC.	3063 N. CALIFORNIA STREET BURBANK CA 91504 <b>Estor/EPA ID   Cleanup Status:</b> 71002197   REFER: OTHER AGENCY AS OF	SSW	0.52 / 2,751.48	3	<a href="#">237</a>

## Executive Summary: Summary by Data Source

### Standard

### Federal

#### NPL - National Priority List

A search of the NPL database, dated Sep 22, 2020 has found that there are 1 NPL site(s) within approximately 1.00 miles of the project property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
SAN FERNANDO VALLEY (AREA 1)	NORTH HOLLYWOOD WELLFIELD AREA NORTH HOLLYWOOD CA 91601 <i>EPA ID: CAD980894893</i>	E	0.43 / 2,247.41	<a href="#">51</a>

#### RCRA TSD - RCRA non-CORRACTS TSD Facilities

A search of the RCRA TSD database, dated Jul 27, 2020 has found that there are 2 RCRA TSD site(s) within approximately 0.50 miles of the project property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
PROVIDENCE ST JOSEPH MEDICAL CTR	501 SOUTH BUENA VISTA STREET BURBANK CA 91505-4866  <i>EPA Handler ID: CAD108148958</i>	S	0.06 / 293.55	<a href="#">6</a>
CATALINA MEDIA DEVELOPMENT II, LLC	3000 W. ALAMEDA AVE #130 BURBANK CA 91505  <i>EPA Handler ID: CAC003013383</i>	SSW	0.39 / 2,045.21	<a href="#">49</a>

#### RCRA LQG - RCRA Generator List

A search of the RCRA LQG database, dated Jul 27, 2020 has found that there are 2 RCRA LQG site(s) within approximately 0.25 miles of the project property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
PROVIDENCE ST JOSEPH MEDICAL CTR	501 SOUTH BUENA VISTA STREET BURBANK CA 91505-4866  <i>EPA Handler ID: CAD108148958</i>	S	0.06 / 293.55	<a href="#">6</a>
WALT DISNEY PICTURES AND TELEVISION	500 S. BUENA VISTA ST BURBANK CA 91521-0000  <i>EPA Handler ID: CAD981399348</i>	E	0.23 / 1,218.25	<a href="#">40</a>

#### RCRA SQG - RCRA Small Quantity Generators List

A search of the RCRA SQG database, dated Jul 27, 2020 has found that there are 5 RCRA SQG site(s) within approximately 0.25 miles of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
BLUTH VIDEO SYST	2660 WES OLIVE AVE BURBANK CA 91505	NNW	0.08 / 437.48	<a href="#">10</a>
	<i>EPA Handler ID: CAD039668314</i>			
FOTO KEM INDUSTRIES, INC	2800 W OLIVE AVE BURBANK CA 91505	W	0.10 / 510.20	<a href="#">14</a>
	<i>EPA Handler ID: CAD981447303</i>			
4MC BURBANK INC STUDIO SVC	2820 WEST OLIVE AVE BURBANK CA 91505-4455	W	0.12 / 658.04	<a href="#">19</a>
	<i>EPA Handler ID: CAR000001230</i>			

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
VIDCOM POST INC	2600 W OLIVE AVE, STE 100 BURBANK CA 91505	N	0.11 / 568.87	<a href="#">16</a>
	<i>EPA Handler ID: CAD982400988</i>			
FINE AUTO SERVICE	2601 W OLIVE AVE BURBANK CA 91505	N	0.12 / 635.90	<a href="#">18</a>
	<i>EPA Handler ID: CAD982479446</i>			

### RCRA NON GEN - RCRA Non-Generators

A search of the RCRA NON GEN database, dated Jul 27, 2020 has found that there are 25 RCRA NON GEN site(s) within approximately 0.25 miles of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
M S ANIMAL HOSP INC.	2723 W OLIVE AVE BURBANK CA 91505-0000	WNW	0.08 / 431.31	<a href="#">9</a>
	<i>EPA Handler ID: CAL000111242</i>			
NANCY LEE DDS INC	2901 W OLIVE AVE BURBANK CA 91505-0000	W	0.14 / 727.86	<a href="#">22</a>
	<i>EPA Handler ID: CAL000194705</i>			
MAZZEO PAINTING CO INC	249 S LINCOLN ST BURBANK CA 91506	ENE	0.23 / 1,195.90	<a href="#">38</a>
	<i>EPA Handler ID: CAD982325656</i>			
JASPER DUMANDAN	231 N NIAGARA ST BURBANK CA 91505-3647	W	0.24 / 1,252.83	<a href="#">41</a>
	<i>EPA Handler ID: CAC003042664</i>			

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
UCLA HEALTH BURBANK UROLOGY	2625 W ALAMEDA AVE STE 310 BURBANK CA 91505	SSE	0.05 / 264.09	<a href="#">3</a>
	<i>EPA Handler ID: CAL000449857</i>			
ALEXANDRE HK TAVITIAN DDS INC	2625 W ALAMEDA AVE STE 420 BURBANK CA 91505-0000	SSE	0.05 / 264.09	<a href="#">3</a>

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
	<i>EPA Handler ID: CAL000196836</i>			
DR KEITH RADACK DDS	2625 W ALAMEDA AVE STE 200 BURBANK CA 91505-4823	SSE	0.05 / 264.09	<a href="#"><u>3</u></a>
	<i>EPA Handler ID: CAL000317793</i>			
ALAMEDA ORAL SURGERY	2625 W ALAMEDA AVE STE 502 BURBANK CA 91505	SSE	0.05 / 264.09	<a href="#"><u>3</u></a>
	<i>EPA Handler ID: CAL000434944</i>			
ZINNIA C REGALA DDS	2625 W ALAMEDA AVE STE 216 BURBANK CA 91505-4823	SSE	0.05 / 264.09	<a href="#"><u>3</u></a>
	<i>EPA Handler ID: CAL000357424</i>			
GILBERT N ROSS MD INC	2625 W ALAMEDA AVE STE 518 BURBANK CA 91505	SSE	0.05 / 264.09	<a href="#"><u>3</u></a>
	<i>EPA Handler ID: CAL000303597</i>			
PROVIDENCE MEDICAL INSTITUTE	2601 W ALAMEDA AVE STE 212 BURBANK CA 91505-4814	SE	0.05 / 273.53	<a href="#"><u>4</u></a>
	<i>EPA Handler ID: CAL000441293</i>			
JOHN YEKIKIAN, DDS	2601 W ALAMEDA AVE STE 406 BURBANK CA 91505-0000	SE	0.05 / 273.53	<a href="#"><u>4</u></a>
	<i>EPA Handler ID: CAL000152445</i>			
RICHY AGAJANIAN M.D. A PROFESSIONAL CORPORATION	2601 W ALAMEDA AVE STE 300 BURBANK CA 91505	SE	0.05 / 273.53	<a href="#"><u>4</u></a>
	<i>EPA Handler ID: CAL000438558</i>			
GARO ADOMIAN DDS INC	2601 W ALAMEDA AVE STE 102 BURBANK CA 91505-4808	SE	0.05 / 273.53	<a href="#"><u>4</u></a>
	<i>EPA Handler ID: CAL000349418</i>			
PATRICK TSENG, DDS INC	2701 W ALAMEDA AVE STE 306 BURBANK CA 91505-4408	S	0.05 / 281.19	<a href="#"><u>5</u></a>
	<i>EPA Handler ID: CAL000344237</i>			
PROVIDENCE ST. JOSEPH MEDICAL CENTER	501 S BUENA VISTA STREET BURBANK CA 91505	S	0.06 / 293.55	<a href="#"><u>6</u></a>
	<i>EPA Handler ID: CAC003056623</i>			
PROVIDENCE HEALTH SYSTEM-SO CALI DBA PROVIDENCE SAINT JOSEPH MEDICAL	181 S BUENA VISTA BURBANK CA 91505	NE	0.09 / 493.20	<a href="#"><u>13</u></a>
	<i>EPA Handler ID: CAL000429156</i>			
PROVIDENCE MEDICAL INSTITUTE	181 S BUENA VISA ST 4TH FLOOR BURBANK CA 91505	NE	0.09 / 493.20	<a href="#"><u>13</u></a>
	<i>EPA Handler ID: CAL000441249</i>			

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
UCLA BURBANK HEMATOLOGY ONCOLOGY	201 S BUENA VISTA ST STE 200 BURBANK CA 91505  <i>EPA Handler ID: CAL000408883</i>	NE	0.10 / 526.93	<a href="#">15</a>
PROVIDENCE MEDICAL INSTITUTE	201 S BUENA VISTA ST STE 100 BURBANK CA 91505  <i>EPA Handler ID: CAL000441238</i>	NE	0.10 / 526.93	<a href="#">15</a>
OCEAN WEST MANAGEMENT SERVICES	2910 W ALAMEDA AVE BURBANK CA 91505  <i>EPA Handler ID: CAL000437807</i>	SW	0.12 / 635.08	<a href="#">17</a>
CALSTATE AUTO REPAIR, INC	2601 W OLIVE AVE BURBANK CA 91505-4526  <i>EPA Handler ID: CAL000352272</i>	N	0.12 / 635.90	<a href="#">18</a>
COMPACT VIDEO INC	2813 W ALAMEDA AVE BURBANK CA 91505  <i>EPA Handler ID: CAD059234336</i>	SW	0.13 / 679.25	<a href="#">20</a>
G & M OIL CO	2501 W OLIVE AVE BURBANK CA 91505-4524  <i>EPA Handler ID: CAL000190914</i>	NNE	0.15 / 800.55	<a href="#">28</a>
VALVOLINE INSTANT OIL CHANGE GN0052	2420 W OLIVE AVE BURBANK CA 91506  <i>EPA Handler ID: CAL000370631</i>	NNE	0.17 / 906.02	<a href="#">31</a>

## State

### ENVIROSTOR - EnviroStor Database

A search of the ENVIROSTOR database, dated Oct 5, 2020 has found that there are 1 ENVIROSTOR site(s) within approximately 1.00 miles of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
MAGNA PLATING CO., INC.	3063 N. CALIFORNIA STREET BURBANK CA 91504  <i>Estor/EPA ID   Cleanup Status: 71002197   REFER: OTHER AGENCY AS OF</i>	SSW	0.52 / 2,751.48	<a href="#">52</a>

### LUST - Leaking Underground Fuel Tank Reports

A search of the LUST database, dated Jul 15, 2020 has found that there are 4 LUST site(s) within approximately 0.50 miles of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
SARQUIZ CHEVRON (FORMER MEPCO SERVICE STA.)	2501 OLIVE AVE BURBANK CA 91504  <i>Global ID   Status   Status Date: T0603700180   COMPLETED - CASE CLOSED   12/22/2004</i>	N	0.16 / 853.56	<a href="#">30</a>

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
STUDIO STAR MOBIL	3020 OLIVE AVE W BURBANK CA 91505	WSW	0.21 / 1,130.62	<a href="#">34</a>
<i>Global ID   Status   Status Date: T0603790017   COMPLETED - CASE CLOSED   7/12/2007</i>				

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
MOBIL GAS STATION	2501 OLIVE AVE W BURBANK CA 91505	NNE	0.15 / 800.55	<a href="#">28</a>
<i>Global ID   Status   Status Date: T0603700179   COMPLETED - CASE CLOSED   11/30/1995</i>				

NBC-FIELD SHOP	3000 ALAMEDA AVE W BURBANK CA 91523	WSW	0.25 / 1,311.10	<a href="#">46</a>
<i>Global ID   Status   Status Date: T0603702546   COMPLETED - CASE CLOSED   5/28/2003</i>				

### UST - Permitted Underground Storage Tank (UST) in GeoTracker

A search of the UST database, dated Jul 12, 2020 has found that there are 5 UST site(s) within approximately 0.25 miles of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
CF BURBANK OFFICE LP C/O TRANSWESTERN	2901 W Alameda Ave. Burbank CA 91505	WSW	0.14 / 749.51	<a href="#">24</a>
<i>Facility ID: LACoFA0002069</i>				

Chevron (G&M #75)	2501 W OLIVE AVE Burbank CA 91504	N	0.16 / 852.19	<a href="#">29</a>
<i>Facility ID: 00691</i>				

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
Providence St Joseph Medical Center	501 S Buena Vista ST Burbank CA 91505	S	0.06 / 293.55	<a href="#">6</a>
<i>Facility ID: 00033</i>				

THE POINTE	2900 W ALAMEDA AVE # 100 BURBANK CA 91505	SW	0.09 / 462.83	<a href="#">11</a>
<i>Facility ID: LACoFA0040639</i>				

STUDIO STAR MOBIL	3020 W OLIVE AVE BURBANK CA 91505	WSW	0.24 / 1,291.47	<a href="#">43</a>
<i>Facility ID: LACoFA0019163</i>				

### HHSS - Historical Hazardous Substance Storage Information Database

A search of the HHSS database, dated Aug 27, 2015 has found that there are 3 HHSS site(s) within approximately 0.25 miles of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
PRONTO CHEVRON	3020 W. OLIVE BURBANK BURBANK CA 90201	WSW	0.25 / 1,297.29	<a href="#">45</a>

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
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<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
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WALT DISNEY PICTURES	500 S. BUENA VISTA BURBANK CA 91521	E	0.23 / 1,218.25	<a href="#">40</a>
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LEE GANOWEN SERVICE STATION	500 S. BUENA VISTA BURBANK CA 91521	E	0.23 / 1,218.25	<a href="#">40</a>
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### **DELISTED TNK - Delisted Storage Tanks**

A search of the DELISTED TNK database, dated Oct 14, 2020 has found that there are 6 DELISTED TNK site(s) within approximately 0.25 miles of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
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MOBIL	3020 W OLIVE AVE BURBANK CA 91505	W	0.22 / 1,146.55	<a href="#">37</a>
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<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
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THE POINT	2900 W. ALAMEDA AVE. BURBANK CA 91505	SE	0.07 / 361.48	<a href="#">7</a>
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2901 W ALAMEDA	2901 W ALAMEDA AVE BURBANK CA 91505	SW	0.15 / 784.39	<a href="#">26</a>
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ST JOSEPHS MEDICAL CENTER	501 S BUENA VISTA ST BURBANK CA 91505	ESE	0.20 / 1,046.17	<a href="#">33</a>
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ABC-7 TELEVISION BROADCAST FACILITY	500 S. BUENA VISTA Burbank CA 91521	ESE	0.24 / 1,292.16	<a href="#">44</a>
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WALT DISNEY	500 S BUENA VISTA ST BURBANK CA 91521	ESE	0.24 / 1,292.16	<a href="#">44</a>
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### **CERS TANK - California Environmental Reporting System (CERS) Tanks**

A search of the CERS TANK database, dated Oct 26, 2020 has found that there are 8 CERS TANK site(s) within approximately 0.25 miles of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
BWP Naomi Station	228 S NAOMI ST BURBANK CA 91505  <i>Site ID: 14264</i>	SW	0.01 / 27.85	<a href="#">1</a>
STUDIO STAR MOBIL	3020 W OLIVE AVE BURBANK CA 91505  <i>Site ID: 157650</i>	WSW	0.25 / 1,297.29	<a href="#">45</a>
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
Providence St Joseph Medical Center	501 S BUENA VISTA ST BURBANK CA 91505  <i>Site ID: 399988</i>	S	0.06 / 293.55	<a href="#">6</a>
THE POINTE	2900 W ALAMEDA AVE # 100 BURBANK CA 91505  <i>Site ID: 403964</i>	SW	0.09 / 462.83	<a href="#">11</a>
CF BURBANK OFFICE LP C/O TRANSWESTERN	2901 W ALAMEDA AVE. BURBANK CA 91505  <i>Site ID: 104388</i>	SW	0.15 / 782.43	<a href="#">25</a>
Chevron (G&M #75)	2501 W OLIVE AVE BURBANK CA 91504  <i>Site ID: 18271</i>	NNE	0.15 / 800.55	<a href="#">28</a>
Valvoline Instant Oil Change GN0052	2420 W OLIVE AVE BURBANK CA 91506  <i>Site ID: 165826</i>	NNE	0.17 / 906.02	<a href="#">31</a>
DISNEY ENTERPRISES, INC	500 S BUENA VISTA ST BURBANK CA 91521  <i>Site ID: 170317</i>	E	0.23 / 1,218.25	<a href="#">40</a>

### **CLEANUP SITES - GeoTracker Cleanup Program Sites**

A search of the CLEANUP SITES database, dated Jul 15, 2020 has found that there are 4 CLEANUP SITES site(s) within approximately 0.50 miles of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
FOTO-KEM INDUSTRIES, INC.	2800 W. OLIVE AVE. BURBANK CA 91505  <i>Site Facility Type   Status: CLEANUP PROGRAM SITE   COMPLETED - CASE CLOSED</i>	W	0.10 / 510.20	<a href="#">14</a>
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
NATIONAL BROADCASTING STUDIOS	330 BOB HOPE DR. BURBANK CA 91523  <i>Site Facility Type   Status: CLEANUP PROGRAM SITE   COMPLETED - CASE CLOSED</i>	SSW	0.14 / 718.07	<a href="#">21</a>

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
WALT DISNEY STUDIOS	500 SOUTH BUENA VISTA STREET BURBANK CA 91505	ESE	0.31 / 1,661.96	<a href="#">47</a>
<i>Site Facility Type   Status: CLEANUP PROGRAM SITE   COMPLETED - CASE CLOSED</i>				
NBC STUDIOS	3000 W. ALAMEDA AVE. BURBANK CA 91505	SSW	0.39 / 2,045.21	<a href="#">49</a>
<i>Site Facility Type   Status: CLEANUP PROGRAM SITE   COMPLETED - CASE CLOSED</i>				

### **DELISTED COUNTY - Delisted County Records**

A search of the DELISTED COUNTY database, dated Nov 5, 2020 has found that there are 1 DELISTED COUNTY site(s) within approximately 0.25 miles of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
All American Auto	2909 W Olive AVE Burbank CA 91505	WSW	0.15 / 798.91	<a href="#">27</a>

### **HIST TANK - Historical Hazardous Substance Storage Container Information - Facility Summary**

A search of the HIST TANK database, dated May 27, 1988 has found that there are 3 HIST TANK site(s) within approximately 0.25 miles of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
PRONTO CHEVRON	3020 W. OLIVE BURBANK BURBANK CA	WSW	0.25 / 1,297.29	<a href="#">45</a>

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
LEE GANOWEN SERVICE STATION	500 S. BUENA VISTA BURBANK CA	E	0.23 / 1,218.25	<a href="#">40</a>
WALT DISNEY PICTURES	500 S. BUENA VISTA BURBANK CA	E	0.23 / 1,218.25	<a href="#">40</a>

### **County**

#### **LA COUNTY CUPA - Los Angeles County - CUPA Program Records**

A search of the LA COUNTY CUPA database, dated Mar 25, 2020 has found that there are 18 LA COUNTY CUPA site(s) within approximately 0.25 miles of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
BWP NAOMI STATION	228 S NAOMI ST BURBANK CA 91505	SW	0.01 / 27.85	<a href="#">1</a>

<b><u>Equal/Higher Elevation</u></b>	<b><u>Address</u></b>	<b><u>Direction</u></b>	<b><u>Distance (mi/ft)</u></b>	<b><u>Map Key</u></b>
THE HEIGHTS AT BURBANK	2721 WILLOW ST BURBANK CA 91505	WSW	0.03 / 148.83	<a href="#"><u>2</u></a>
ALL POST INC	2660 W OLIVE AVE BURBANK CA 91505	NNW	0.08 / 437.48	<a href="#"><u>10</u></a>
FOTOKEM FILM & VIDEO	2800 W OLIVE AVE BURBANK CA 91505	W	0.10 / 510.20	<a href="#"><u>14</u></a>
4MC	2820 W OLIVE AVE BURBANK CA 91505	W	0.12 / 658.04	<a href="#"><u>19</u></a>
ALL AMERICAN AUTO	2909 W OLIVE AVE BURBANK CA 91505	WSW	0.15 / 798.91	<a href="#"><u>27</u></a>
DON WALTERS GARAGE	113 N BUENA VISTA ST BURBANK CA 91505	N	0.19 / 978.12	<a href="#"><u>32</u></a>
STAR AUTO CENTER	3025 W OLIVE AVE BURBANK CA 91505	WSW	0.24 / 1,270.35	<a href="#"><u>42</u></a>
STUDIO STAR MOBIL	3020 W OLIVE AVE BURBANK CA 91505	WSW	0.25 / 1,297.29	<a href="#"><u>45</u></a>
<b><u>Lower Elevation</u></b>	<b><u>Address</u></b>	<b><u>Direction</u></b>	<b><u>Distance (mi/ft)</u></b>	<b><u>Map Key</u></b>
PROVIDENCE ST JOSEPH MEDICAL CENTER	501 S BUENA VISTA ST BURBANK CA 91505	S	0.06 / 293.55	<a href="#"><u>6</u></a>
THE POINTE	2900 W ALAMEDA AVE 100 BURBANK CA 91505	SW	0.09 / 462.83	<a href="#"><u>11</u></a>
GPI MAPLE	2600 W OLIVE AVE 110 BURBANK CA 91505	N	0.11 / 568.87	<a href="#"><u>16</u></a>
VERIZON WIRELESS - MAGNOLIA PARK	2600 W OLIVE AVE B BURBANK CA 91505	N	0.11 / 568.87	<a href="#"><u>16</u></a>
CALSTATE AUTO REPAIR	2601 W OLIVE AVE BURBANK CA 91505	N	0.12 / 635.90	<a href="#"><u>18</u></a>

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
CF BURBANK OFFICE LP C/O TRANSWESTERN	2901 W ALAMEDA AVE BURBANK CA 91505	SW	0.15 / 782.43	<a href="#">25</a>
CHEVRON (G&M #75)	2501 W OLIVE AVE BURBANK CA 91504	NNE	0.15 / 800.55	<a href="#">28</a>
VALVOLINE INSTANT OIL CHANGE GN0052	2420 W OLIVE AVE BURBANK CA 91506	NNE	0.17 / 906.02	<a href="#">31</a>
DISNEY ENTERPRISES, INC.	500 S BUENA VISTA ST BURBANK CA 91521	E	0.23 / 1,218.25	<a href="#">40</a>

### **LA HMS - Los Angeles County - HMS List**

A search of the LA HMS database, dated Nov 5, 2020 has found that there are 14 LA HMS site(s) within approximately 0.25 miles of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
	2703 W OLIVE AVE BURBANK CA 91523	NW	0.08 / 422.13	<a href="#">8</a>
	2909 W OLIVE AVE BURBANK CA 91523	WSW	0.15 / 798.91	<a href="#">27</a>
	2909 W OLIVE AVE #A BURBANK CA 91523	WSW	0.15 / 798.91	<a href="#">27</a>
	113 N BUENA VISTA ST BURBANK CA 91502	N	0.19 / 978.12	<a href="#">32</a>
	212 N BUENA VISTA ST BURBANK CA 91502	N	0.23 / 1,200.30	<a href="#">39</a>
	3025 W OLIVE AVE BURBANK CA 91523	WSW	0.24 / 1,270.35	<a href="#">42</a>
	3020 W OLIVE AVE BURBANK CA 91502	WSW	0.25 / 1,297.29	<a href="#">45</a>

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
	501 S BUENA VISTA ST BURBANK CA 91505	S	0.06 / 293.55	<a href="#">6</a>
	2601 W OLIVE AVE BURBANK CA 91523	N	0.12 / 635.90	<a href="#">18</a>
	2509 W OLIVE AVE BURBANK CA 91523	N	0.14 / 743.34	<a href="#">23</a>
	2901 W ALAMEDA AVE BURBANK CA 91505	SW	0.15 / 782.43	<a href="#">25</a>
	2501 W OLIVE AVE BURBANK CA 91505	NNE	0.15 / 800.55	<a href="#">28</a>
	500 S BUENA VISTA ST BURBANK CA 91506	E	0.23 / 1,218.25	<a href="#">40</a>
	500 S BUENA VISTA ST BURBANK CA 915210001	E	0.23 / 1,218.25	<a href="#">40</a>

### **BURBANK CUPA - Los Angeles County - Burbank City CUPA List**

A search of the BURBANK CUPA database, dated Aug 21, 2019 has found that there are 12 BURBANK CUPA site(s) within approximately 0.25 miles of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
BWP Naomi Station	228 S Naomi ST Burbank CA 91505	SW	0.01 / 27.85	<a href="#">1</a>
The Heights at Burbank	2721 Willow ST Burbank CA 91505	WSW	0.03 / 148.83	<a href="#">2</a>
FotoKem Industries Inc	2800 W Olive AVE Burbank CA 91505	W	0.10 / 510.20	<a href="#">14</a>
Studio Star Mobile	3020 W Olive AVE Burbank CA 91505	WSW	0.25 / 1,297.29	<a href="#">45</a>

<b><u>Lower Elevation</u></b>	<b><u>Address</u></b>	<b><u>Direction</u></b>	<b><u>Distance (mi/ft)</u></b>	<b><u>Map Key</u></b>
Providence St Joseph Medical Center	501 S Buena Vista ST Burbank CA 91505	S	0.06 / 293.55	<a href="#"><u>6</u></a>
The Pointe	2900 W Alameda AVE Burbank CA 91505	SW	0.09 / 462.83	<a href="#"><u>11</u></a>
GPI Maple LP	2600 W Olive AVE Burbank CA 91505	N	0.11 / 568.87	<a href="#"><u>16</u></a>
Verizon Wireless Magnolia Park	2600 W Olive AVE #B Burbank CA 91505	N	0.11 / 568.87	<a href="#"><u>16</u></a>
CF Burbank Office LP	2901 W Alameda AVE Burbank CA 91505	SW	0.15 / 782.43	<a href="#"><u>25</u></a>
Chevron G & M #75	2501 W Olive AVE Burbank CA 91505	NNE	0.15 / 800.55	<a href="#"><u>28</u></a>
Valvoline Instant Oil Change	2420 W Olive AVE Burbank CA 91506	NNE	0.17 / 906.02	<a href="#"><u>31</u></a>
Disney Enterprises Inc	500 S Buena Vista ST Burbank CA 91521	E	0.23 / 1,218.25	<a href="#"><u>40</u></a>

### **Non Standard**

#### **Federal**

#### **FINDS/FRS - Facility Registry Service/Facility Index**

A search of the FINDS/FRS database, dated Jun 15, 2020 has found that there are 1 FINDS/FRS site(s) within approximately 0.02 miles of the project property.

<b><u>Equal/Higher Elevation</u></b>	<b><u>Address</u></b>	<b><u>Direction</u></b>	<b><u>Distance (mi/ft)</u></b>	<b><u>Map Key</u></b>
BWP NAOMI STATION	228 S NAOMI ST BURBANK CA 91505	SW	0.01 / 27.85	<a href="#"><u>1</u></a>

#### **HMIRS - Hazardous Materials Information Reporting System**

A search of the HMIRS database, dated Jan 8, 2020 has found that there are 2 HMIRS site(s) within approximately 0.12 miles of the project property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
	191 S. BUENA VISTA AVENUE BURBANK CA	E	0.09 / 490.18	<a href="#">12</a>
	191 S. BUENA VISTA AVENUE BURBANK CA	E	0.09 / 490.18	<a href="#">12</a>

### **ALT FUELS - Alternative Fueling Stations**

A search of the ALT FUELS database, dated Sep 24, 2020 has found that there are 1 ALT FUELS site(s) within approximately 0.25 miles of the project property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
GRANITE PROP	2600 W Olive Burbank CA 91505	N	0.11 / 568.87	<a href="#">16</a>

### **State**

### **CERS HAZ - California Environmental Reporting System (CERS) Hazardous Waste Sites**

A search of the CERS HAZ database, dated Oct 26, 2020 has found that there are 5 CERS HAZ site(s) within approximately 0.12 miles of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
The Heights at Burbank	2721 WILLOW ST BURBANK CA 91505	WSW	0.03 / 148.83	<a href="#">2</a>
FOTOKEM FILM & VIDEO	2800 W OLIVE AVE BURBANK CA 91505	W	0.10 / 510.20	<a href="#">14</a>

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
Verizon Wireless: Magnolia Park	2600 W OLIVE AVE # B BURBANK CA 91505	N	0.11 / 568.87	<a href="#">16</a>
GPI Maple. LP	2600 W OLIVE AVE STE 110 BURBANK CA 91505	N	0.11 / 568.87	<a href="#">16</a>
CALSTATE AUTO REPAIR	2601 W OLIVE AVE BURBANK CA 91505	N	0.12 / 635.90	<a href="#">18</a>

### **DELISTED HAZ - Delisted Environmental Reporting System (CERS) Hazardous Waste Sites**

A search of the DELISTED HAZ database, dated Nov 29, 2018 has found that there are 2 DELISTED HAZ site(s) within approximately 0.50 miles of the project property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
BWP Keystone Distributing Station	413 S KEYSTONE ST BURBANK CA 91505	E	0.36 / 1,900.51	<a href="#">48</a>

BWP NBC Substation	130 S CALIFORNIA ST BURBANK CA 91505	SW	0.40 / 2,116.38	<a href="#">50</a>
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### **WASTE DISCHG - Waste Discharge Requirements**

A search of the WASTE DISCHG database, dated Jul 15, 2020 has found that there are 1 WASTE DISCHG site(s) within approximately 0.25 miles of the project property.

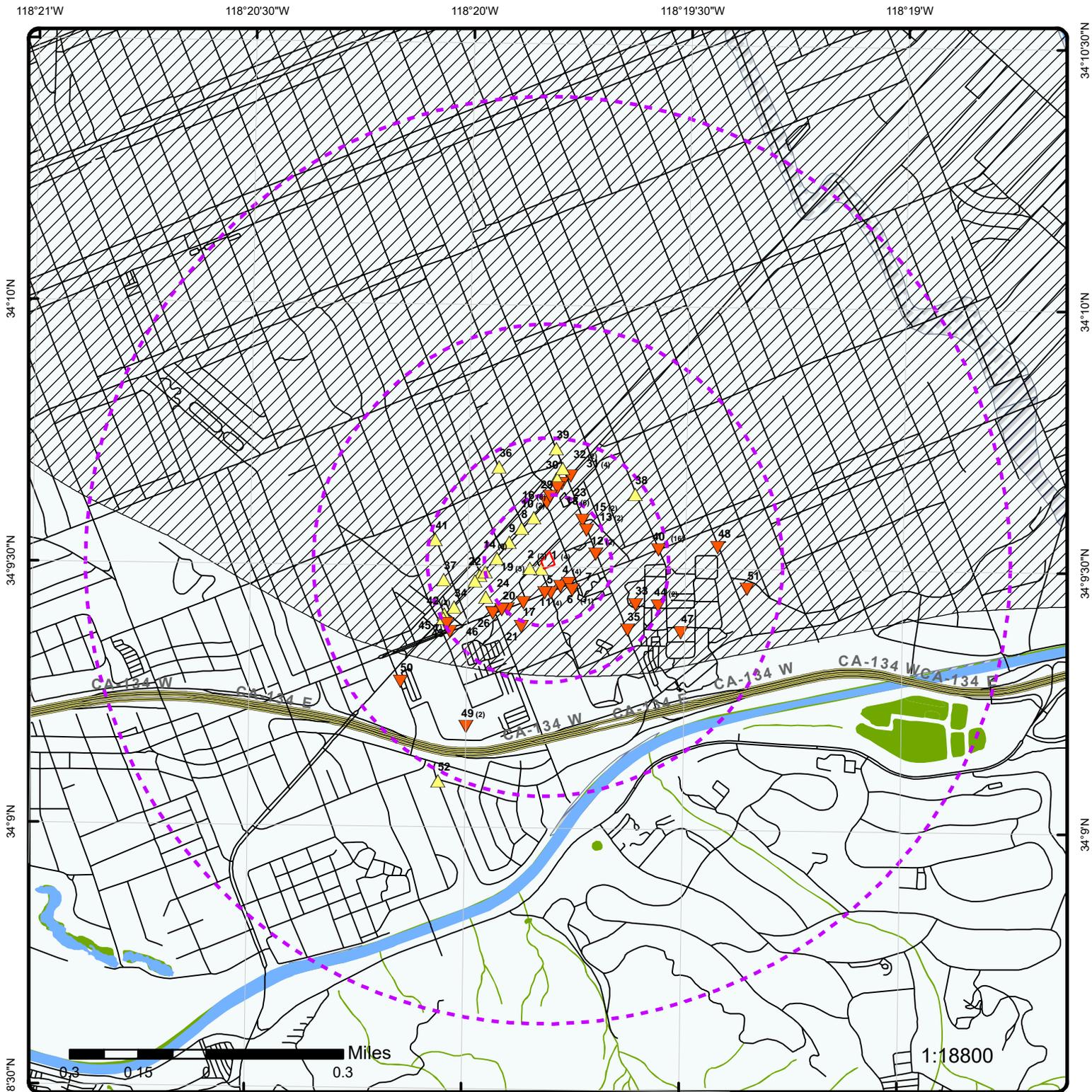
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
WALT DISNEY CO.	500 SOUTH BUENA VISTA STREET BURBANK CA 91521	E	0.23 / 1,218.25	<a href="#">40</a>

### **EMISSIONS - Toxic Pollutant Emissions Facilities**

A search of the EMISSIONS database, dated Dec 31, 2018 has found that there are 19 EMISSIONS site(s) within approximately 0.25 miles of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
FOTO-KEM /FOTO TRONICS	2800 W OLIVE AVE BURBANK CA 91505	W	0.10 / 510.20	<a href="#">14</a>
FOTOKEM INDUSTRIES, INC	2800 W OLIVE AVE BURBANK CA 91505	W	0.10 / 510.20	<a href="#">14</a>
FOTO-KEM IND INC	2800 W OLIVE AV BURBANK CA 91505	W	0.10 / 510.20	<a href="#">14</a>
FOTO-KEM /FOTO TRONICS	2800 W OLIVE AV BURBANK CA 91505	W	0.10 / 510.20	<a href="#">14</a>
4MC-BURBANK, INC.	2820 W OLIVE AVE BURBANK CA 91505	W	0.12 / 658.04	<a href="#">19</a>
LARRY SUTTON CONCRETE PUMPING,	214 N NAOMI ST. BURBANK CA 91505	NNW	0.22 / 1,144.62	<a href="#">36</a>
STUDIO STAR FOODMART	3020 W OLIVE BURBANK CA 91505	WSW	0.25 / 1,297.29	<a href="#">45</a>

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
<b>Lower Elevation</b>	<b>Address</b>	<b>Direction</b>	<b>Distance (mi/ft)</b>	<b>Map Key</b>
ST. JOSEPHS HOSP & MEDICAL CTR	501 S. BUENA VISTA AVE. BURBANK CA 91503	S	0.06 / 293.55	<a href="#">6</a>
PROVIDENCE ST JOSEPH MED CTR	501 S BUENA VISTA ST BURBANK CA 91505	S	0.06 / 293.55	<a href="#">6</a>
ST. JOSEPH MEDICAL CTR	501 S BUENA VISTA ST BURBANK CA 91505	S	0.06 / 293.55	<a href="#">6</a>
AUTO FLM INC	2601 W OLIVE AV BURBANK CA 91505	N	0.12 / 635.90	<a href="#">18</a>
COMPACT VIDEO SERVICES INC ( A	2901 W ALAMEDA AVE BURBANK CA 91505	SW	0.15 / 782.43	<a href="#">25</a>
G & M OIL CO, LLC #75	2501 W OLIVE AVE BURBANK CA 91504	NNE	0.15 / 800.55	<a href="#">28</a>
THE WALT DISNEY COMPANY	500 S BUENA VISTA & 2101 RIVER BURBANK CA 91521	SE	0.22 / 1,137.50	<a href="#">35</a>
DISNEY DEVELOPMENT CO.	500 S BUENA VISTA ST. BURBANK CA 91521	E	0.23 / 1,218.25	<a href="#">40</a>
THE WALT DISNEY COMPANY	500 S BUENA VISTA BURBANK CA 91521	E	0.23 / 1,218.25	<a href="#">40</a>
THE WALT DISNEY COMPANY	500 S BUENA VISTA ST BURBANK CA 91521	E	0.23 / 1,218.25	<a href="#">40</a>
THE WALT DISNEY COMPANY	500 S BUENA VISTA ST. BURBANK CA 91521	E	0.23 / 1,218.25	<a href="#">40</a>
WALT DISNEY CO	500 S BUENA VISTA ST BURBANK CA 91521	E	0.23 / 1,218.25	<a href="#">40</a>



### Map : 1.0 Mile Radius

Order Number: 20311300154

Address: BWP Naomi Substation, Burbank, CA



Project Property	Rails	State Boundary	FWS Special Designation Areas
Buffer Outline	Major Highways	National Priority List Sites	State Brownfield Sites
Eris Sites with Higher Elevation	Major Highways Ramps	National Wetland	State Brownfield Areas
Eris Sites with Same Elevation	Major Roads	Indian Reserve Land	State Superfund Areas: Dept. of Defense
Eris Sites with Lower Elevation	Major Roads Ramps	Historic Fill	State Superfund Areas: NPL
Eris Sites with Unknown Elevation	Secondary Roads	100 Year Flood Zone	WQARF Areas
County Boundary	Secondary Roads Ramps	500 Year Flood Zone	Federal Lands: Dept. of Defense (owned/administered areas)
	Local Roads and Ramps		



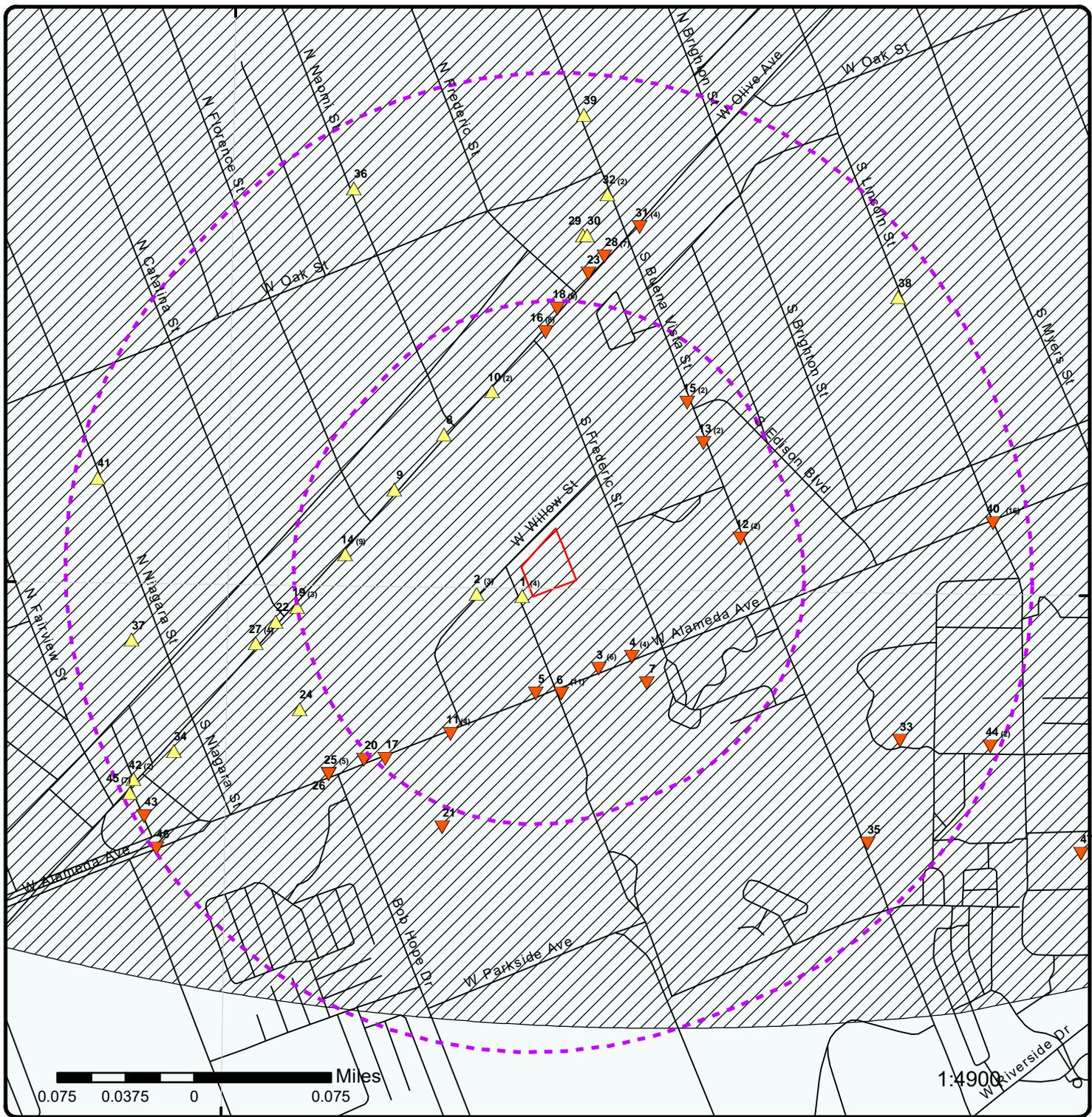
### Map : 0.5 Mile Radius

Order Number: 20311300154

Address: BWP Naomi Substation, Burbank, CA



Project Property	Rails	State Boundary	FWS Special Designation Areas
Buffer Outline	Major Highways	National Priority List Sites	State Brownfield Sites
Eris Sites with Higher Elevation	Major Highways Ramps	National Wetland	State Brownfield Areas
Eris Sites with Same Elevation	Major Roads	Indian Reserve Land	State Superfund Areas: Dept. of Defense
Eris Sites with Lower Elevation	Major Roads Ramps	Historic Fill	State Superfund Areas: NPL
Eris Sites with Unknown Elevation	Secondary Roads	100 Year Flood Zone	WQARF Areas
County Boundary	Secondary Roads Ramps	500 Year Flood Zone	Federal Lands: Dept. of Defense (owned/administered areas)
	Local Roads and Ramps		

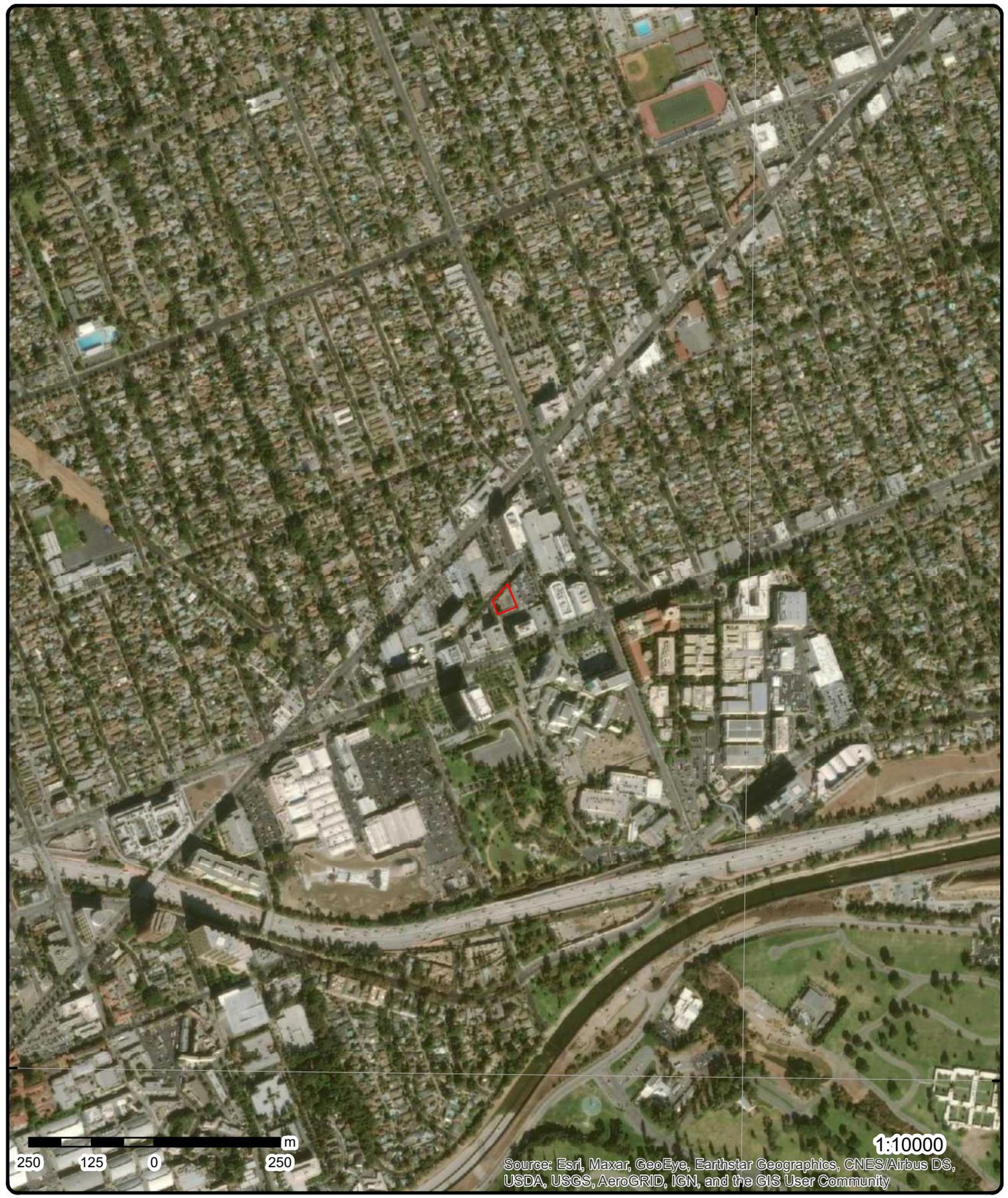


### Map : 0.25 Mile Radius

Order Number: 20311300154  
Address: BWP Naomi Substation, Burbank, CA



Project Property	Rails	State Boundary	FWS Special Designation Areas
Buffer Outline	Major Highways	National Priority List Sites	State Brownfield Sites
Eris Sites with Higher Elevation	Major Highways Ramps	National Wetland	State Brownfield Areas
Eris Sites with Same Elevation	Major Roads	Indian Reserve Land	State Superfund Areas: Dept. of Defense
Eris Sites with Lower Elevation	Major Roads Ramps	Historic Fill	State Superfund Areas: NPL
Eris Sites with Unknown Elevation	Secondary Roads	100 Year Flood Zone	WQARF Areas
County Boundary	Secondary Roads Ramps	500 Year Flood Zone	Federal Lands: Dept. of Defense (owned/administered areas)
	Local Roads and Ramps		



**Aerial** Year: 2015

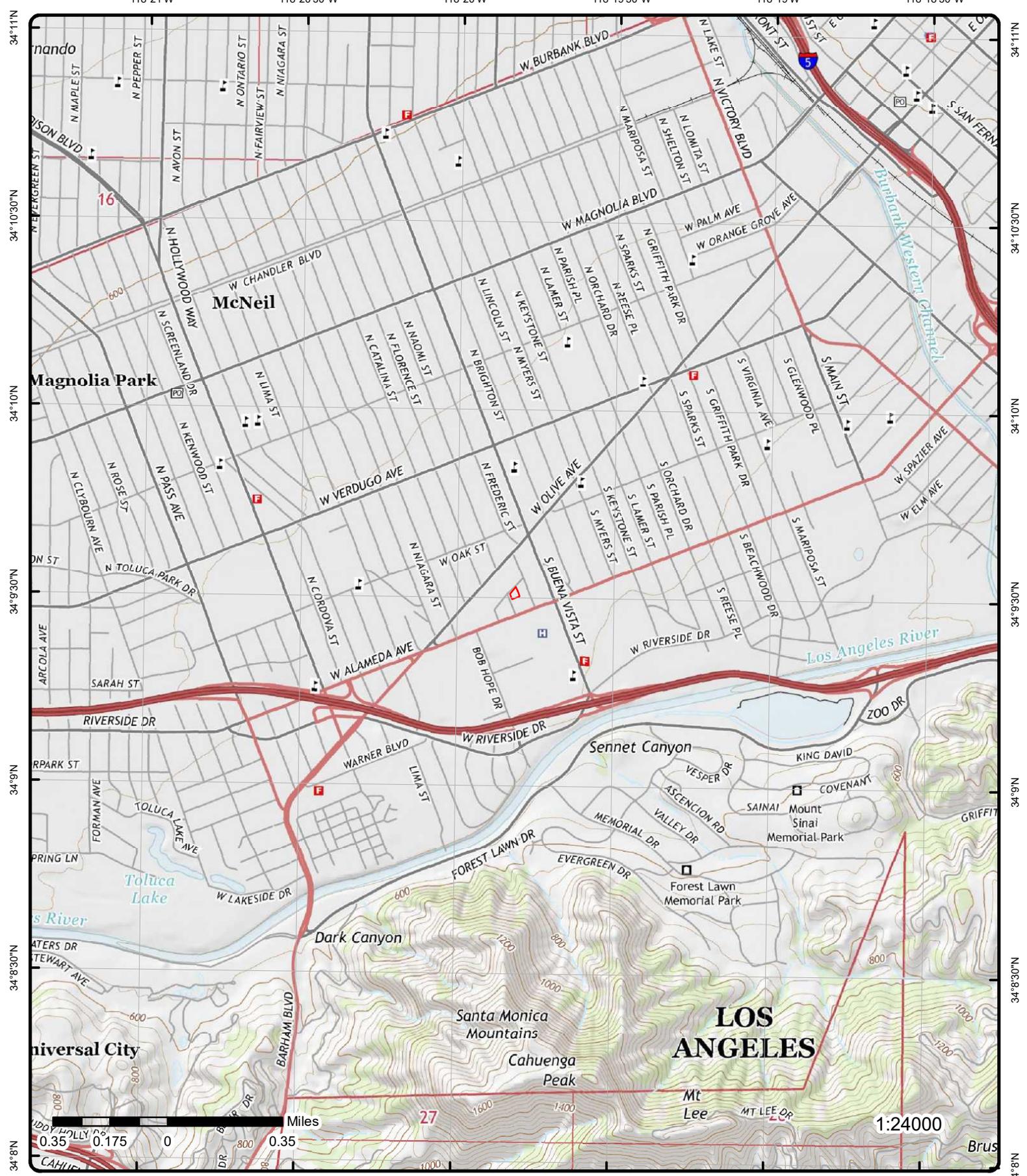
**Address: BWP Naomi Substation, Burbank, CA**

Source: ESRI World Imagery

Order Number: 20311300154



© ERIS Information Limited Partnership



**Topographic Map** Year: 2015

Address: BWP Naomi Substation, CA

Quadrangle(s): Burbank, CA

Source: USGS Topographic Map

Order Number: 20311300154



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# Detail Report

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
<a href="#">1</a>	1 of 4	SW	0.01 / 27.85	532.80 / 0	BWP NAOMI STATION 228 S NAOMI ST BURBANK CA 91505	FINDS/FRS

**Registry ID:** 110055878849  
**FIPS Code:** 19  
**HUC Code:** 18070105  
**Site Type Name:** STATIONARY  
**Location Description:**  
**Supplemental Location:**  
**Create Date:** 15-SEP-13  
**Update Date:** 14-OCT-15  
**Interest Types:** STATE MASTER  
**SIC Codes:** 4911  
**SIC Code Descriptions:** ELECTRIC SERVICES  
**NAICS Codes:** 221122  
**NAICS Code Descriptions:** ELECTRIC POWER DISTRIBUTION.  
**Conveyor:** FRS-GEocode  
**Federal Facility Code:**  
**Federal Agency Name:**  
**Tribal Land Code:**  
**Tribal Land Name:**  
**Congressional Dist No:** 27  
**Census Block Code:** 060373116004022  
**EPA Region Code:** 09  
**County Name:** LOS ANGELES  
**US/Mexico Border Ind:**  
**Latitude:** 34.158221  
**Longitude:** -118.330499  
**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=110055878849](https://ofmpub.epa.gov/frs_public2/fii_query_detail.disp_program_facility?p_registry_id=110055878849)  
**Program Acronyms:**

CA-CERS:10229647, CA-ENVIROVIEW:14264

<a href="#">1</a>	2 of 4	SW	0.01 / 27.85	532.80 / 0	BWP Naomi Station 228 S Naomi ST Burbank CA 91505	BURBANK CUPA
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**CERS ID:** 10229647  
**Status:** Active  
**Program Element:** HazMat

<a href="#">1</a>	3 of 4	SW	0.01 / 27.85	532.80 / 0	BWP Naomi Station 228 S NAOMI ST BURBANK CA 91505	CERS TANK
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**Site ID:** 14264 **Latitude:** 34.158184  
**County:** Los Angeles County **Longitude:** -118.330422

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction</b>	<b>Distance (mi/ft)</b>	<b>Elev/Diff (ft)</b>	<b>Site</b>	<b>DB</b>
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**Regulated Programs**

**EI ID:** 10229647  
**EI Description:** Chemical Storage Facilities

**EI ID:** 10229647  
**EI Description:** Aboveground Petroleum Storage

**Evaluations**

**Eval Date:** 11/05/2019  
**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:**

Sean Kigerl; Note: data in [EVAL Notes] field for some records is truncated from the source.

**Eval Date:** 12/05/2016  
**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:** APSA  
**Eval Source:** CERS  
**Eval Notes:**

Claudia Fierro; Note: data in [EVAL Notes] field for some records is truncated from the source.

**Eval Date:** 02/19/2015  
**Violations Found:** No  
**Eval General Type:** Compliance Evaluation Inspection  
**Eval Type:** Routine done by local agency  
**Eval Division:** Burbank Fire Department  
**Eval Program:** HMRRP  
**Eval Source:** CERS  
**Eval Notes:**

Inspection by K. Kacmar. No HMRRP violations.; Note: data in [EVAL Notes] field for some records is truncated from the source.

**Eval Date:** 03/15/2018  
**Violations Found:** No  
**Eval General Type:** Compliance Evaluation Inspection  
**Eval Type:** Routine done by local agency  
**Eval Division:** Burbank Fire Department  
**Eval Program:** HMRRP  
**Eval Source:** CERS  
**Eval Notes:**

Hazardous materials inspection completed. No HMRRP violations.; Note: data in [EVAL Notes] field for some records is truncated from the source.

**Affiliations**

**Affil Type Desc:** Operator  
**Entity Name:** Burbank Water and Power  
**Entity Title:**  
**Address:**  
**City:**  
**State:**  
**Country:**

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction</b>	<b>Distance (mi/ft)</b>	<b>Elev/Diff (ft)</b>	<b>Site</b>	<b>DB</b>
<b>Zip Code:</b>						
<b>Phone:</b>		(818) 238-3550				
<b>Affil Type Desc:</b>		Legal Owner				
<b>Entity Name:</b>		City of Burbank				
<b>Entity Title:</b>						
<b>Address:</b>		164 W MAGNOLIA BLVD				
<b>City:</b>		BURBANK				
<b>State:</b>		CA				
<b>Country:</b>		United States				
<b>Zip Code:</b>		91502				
<b>Phone:</b>		(818) 238-3550				
<b>Affil Type Desc:</b>		Property Owner				
<b>Entity Name:</b>		City of Burbank				
<b>Entity Title:</b>						
<b>Address:</b>		275 East Olive Avenue				
<b>City:</b>		Burbank				
<b>State:</b>		CA				
<b>Country:</b>		United States				
<b>Zip Code:</b>		91502				
<b>Phone:</b>		(818) 238-5800				
<b>Affil Type Desc:</b>		CUPA District				
<b>Entity Name:</b>		Los Angeles County Fire				
<b>Entity Title:</b>						
<b>Address:</b>		5825 Rickenbacker Road				
<b>City:</b>		Commerce				
<b>State:</b>		CA				
<b>Country:</b>		United States				
<b>Zip Code:</b>		90040-3027				
<b>Phone:</b>		(323) 890-4000				
<b>Affil Type Desc:</b>		Parent Corporation				
<b>Entity Name:</b>		Burbank Water and Power				
<b>Entity Title:</b>						
<b>Address:</b>						
<b>City:</b>						
<b>State:</b>						
<b>Country:</b>						
<b>Zip Code:</b>						
<b>Phone:</b>						
<b>Affil Type Desc:</b>		Identification Signer				
<b>Entity Name:</b>		Claudia Reyes				
<b>Entity Title:</b>		Senior Environmental Engineer				
<b>Address:</b>						
<b>City:</b>						
<b>State:</b>						
<b>Country:</b>						
<b>Zip Code:</b>						
<b>Phone:</b>						
<b>Affil Type Desc:</b>		Environmental Contact				
<b>Entity Name:</b>		Claudia Reyes				
<b>Entity Title:</b>						
<b>Address:</b>		164 W. Magnolia Blvd				
<b>City:</b>		Burbank				
<b>State:</b>		CA				
<b>Country:</b>		United States				
<b>Zip Code:</b>		91502				
<b>Phone:</b>						
<b>Affil Type Desc:</b>		Document Preparer				
<b>Entity Name:</b>		Claudia Reyes				
<b>Entity Title:</b>						
<b>Address:</b>						
<b>City:</b>						
<b>State:</b>						

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Country:  
Zip Code:  
Phone:

Affil Type Desc: Facility Mailing Address  
Entity Name: Mailing Address  
Entity Title:  
Address: 164 W MAGNOLIA BLVD  
City: BURBANK  
State: CA  
Country:  
Zip Code: 91502  
Phone:

<a href="#">1</a>	4 of 4	SW	0.01 / 27.85	532.80 / 0	BWP NAOMI STATION 228 S NAOMI ST BURBANK CA 91505	LA COUNTY CUPA
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Facility ID: FA0018546  
CERS ID: 10229647

**Active Facility Details**

PE: 3702  
PE: 7020

**Inactive Facility Details**

PE: 7020

<a href="#">2</a>	1 of 3	WSW	0.03 / 148.83	533.47 / 1	The Heights at Burbank 2721 Willow ST Burbank CA 91505	BURBANK CUPA
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CERS ID: 10230421  
Status: Active  
Program Element: HazMat

<a href="#">2</a>	2 of 3	WSW	0.03 / 148.83	533.47 / 1	The Heights at Burbank 2721 WILLOW ST BURBANK CA 91505	CERS HAZ
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Site ID: 169340  
Latitude: 34.158100  
Longitude: -118.331400  
County: Los Angeles County

**Regulated Programs**

El ID: 10230421      El Description: Chemical Storage Facilities

**Violations**

Violation Date: 12/10/2014      Violation Source: CERS  
Violation Program: HMRRP      Violation Division: Burbank Fire Department  
Citation: HSC 6.95 25508(d) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(d)  
Violation Notes:

Returned to compliance on 07/27/2015.

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction</b>	<b>Distance (mi/ft)</b>	<b>Elev/Diff (ft)</b>	<b>Site</b>	<b>DB</b>
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**Violation Description:**

Failure to complete and/or electronically submit a business plan when storing/handling a hazardous material at or above reportable quantities.

**Enforcements**

<b>Enf Action Date:</b>	08/17/2015	<b>Enf Action Program:</b>	HMRRP
<b>Enf Action Type:</b>	Referral to County Council or City Attorney	<b>Enf Action Source:</b>	CERS
<b>Enf Action Division:</b>	Burbank Fire Department		
<b>Enf Action Description:</b>	Referral to County Council or City Attorney		
<b>Enf Action Notes:</b>			

Fines/Penalties Assessed: \$515.00.

**Evaluations**

<b>Eval Date:</b>	09/20/2017
<b>Violations Found:</b>	No
<b>Eval General Type:</b>	Compliance Evaluation Inspection
<b>Eval Type:</b>	Routine done by local agency
<b>Eval Division:</b>	Burbank Fire Department
<b>Eval Program:</b>	HMRRP
<b>Eval Source:</b>	CERS
<b>Eval Notes:</b>	

Haz-mat inspection completed.; Note: data in [EVAL Notes] field for some records is truncated from the source.

<b>Eval Date:</b>	12/10/2014
<b>Violations Found:</b>	Yes
<b>Eval General Type:</b>	Other/Unknown
<b>Eval Type:</b>	Other, not routine, done by local agency
<b>Eval Division:</b>	Burbank Fire Department
<b>Eval Program:</b>	HMRRP
<b>Eval Source:</b>	CERS
<b>Eval Notes:</b>	

CERS submittal has not been submitted for the FY 2014-15; Note: data in [EVAL Notes] field for some records is truncated from the source.

**Affiliations**

<b>Affil Type Desc:</b>	Facility Mailing Address
<b>Entity Name:</b>	Mailing Address
<b>Entity Title:</b>	
<b>Address:</b>	2721 Willow St.
<b>City:</b>	Burbank
<b>State:</b>	CA
<b>Country:</b>	
<b>Zip Code:</b>	91505
<b>Phone:</b>	

<b>Affil Type Desc:</b>	Legal Owner
<b>Entity Name:</b>	SRG Management
<b>Entity Title:</b>	
<b>Address:</b>	2721 willow St.
<b>City:</b>	burbank
<b>State:</b>	CA
<b>Country:</b>	United States
<b>Zip Code:</b>	91505
<b>Phone:</b>	(818) 954-9500

<b>Affil Type Desc:</b>	CUPA District
<b>Entity Name:</b>	Los Angeles County Fire

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
<b>Entity Title:</b>						
<b>Address:</b>		5825 Rickenbacker Road				
<b>City:</b>		Commerce				
<b>State:</b>		CA				
<b>Country:</b>						
<b>Zip Code:</b>		90040-3027				
<b>Phone:</b>		(323) 890-4000				
<b>Affil Type Desc:</b>						
<b>Entity Name:</b>		Identification Signer				
<b>Entity Title:</b>		Dawn Smith				
<b>Address:</b>		Executive Director				
<b>City:</b>						
<b>State:</b>						
<b>Country:</b>						
<b>Zip Code:</b>						
<b>Phone:</b>						
<b>Affil Type Desc:</b>						
<b>Entity Name:</b>		Operator				
<b>Entity Title:</b>		SRG Management				
<b>Address:</b>						
<b>City:</b>						
<b>State:</b>						
<b>Country:</b>						
<b>Zip Code:</b>						
<b>Phone:</b>		(818) 954-9500				
<b>Affil Type Desc:</b>						
<b>Entity Name:</b>		Parent Corporation				
<b>Entity Title:</b>		The Heights at Burbank				
<b>Address:</b>						
<b>City:</b>						
<b>State:</b>						
<b>Country:</b>						
<b>Zip Code:</b>						
<b>Phone:</b>						
<b>Affil Type Desc:</b>						
<b>Entity Name:</b>		Environmental Contact				
<b>Entity Title:</b>		Demetrius Foster				
<b>Address:</b>		2721 Willow St.				
<b>City:</b>		Burbank				
<b>State:</b>		CA				
<b>Country:</b>						
<b>Zip Code:</b>		91505				
<b>Phone:</b>						
<b>Affil Type Desc:</b>						
<b>Entity Name:</b>		Document Preparer				
<b>Entity Title:</b>		Dawn Smith				
<b>Address:</b>						
<b>City:</b>						
<b>State:</b>						
<b>Country:</b>						
<b>Zip Code:</b>						
<b>Phone:</b>						

<u>2</u>	3 of 3	<b>WSW</b>	<b>0.03 / 148.83</b>	<b>533.47 / 1</b>	<b>THE HEIGHTS AT BURBANK 2721 WILLOW ST BURBANK CA 91505</b>	<b>LA COUNTY CUPA</b>
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**Facility ID:** FA0043641  
**CERS ID:** 10230421

**Active Facility Details**

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
PE:		7020				
<b><u>Inactive Facility Details</u></b>						
PE:		7020				

<u>3</u>	1 of 6	SSE	0.05 / 264.09	530.46 / -2	GILBERT N ROSS MD INC 2625 W ALAMEDA AVE STE 518 BURBANK CA 91505	RCRA NON GEN
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**EPA Handler ID:** CAL000303597  
**Gen Status Universe:** No Report  
**Contact Name:** MICHELE WALTER OFFICE MGR  
**Contact Address:** 2625 W ALAMEDA AVE #518 , , BURBANK , CA, 91505 ,  
**Contact Phone No and Ext:** 818-557-5556  
**Contact Email:** MWROSSMD@SBCGLOBAL.NET  
**Contact Country:**  
**County Name:** LOS ANGELES  
**EPA Region:** 09  
**Land Type:**  
**Receive Date:** 20060217

**Violation/Evaluation Summary**

**Note:** NO RECORDS: As of May 2020, 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:** 20060217  
**Handler Name:** GILBERT N ROSS MD INC  
**Source Type:** Implementer  
**Federal Waste Generator Code:** N  
**Generator Code Description:** Not a Generator, Verified

**Owner/Operator Details**

<b>Owner/Operator Ind:</b> Current Operator	<b>Street No:</b>
<b>Type:</b> Other	<b>Street 1:</b> 2625 W ALAMEDA AVE #518
<b>Name:</b> MICHELE WALTER OFFICE MGR	<b>Street 2:</b>
<b>Date Became Current:</b>	<b>City:</b> BURBANK
<b>Date Ended Current:</b>	<b>State:</b> CA
<b>Phone:</b> 818-557-5556	<b>Country:</b>

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
<b>Source Type:</b>		Implementer			<b>Zip Code:</b> 91505	
<b>Owner/Operator Ind:</b>		Current Owner			<b>Street No:</b>	
<b>Type:</b>		Other			<b>Street 1:</b> 2625 W ALAMEDA AVE STE 518	
<b>Name:</b>		GILBERT N ROSS MD			<b>Street 2:</b>	
<b>Date Became Current:</b>					<b>City:</b> BURBANK	
<b>Date Ended Current:</b>					<b>State:</b> CA	
<b>Phone:</b>		818-557-5556			<b>Country:</b>	
<b>Source Type:</b>		Implementer			<b>Zip Code:</b> 91505-4817	

3      2 of 6      **SSE**      0.05 / 264.09      530.46 / -2      **ZINNIA C REGALA DDS**  
**2625 W ALAMEDA AVE STE 216**  
**BURBANK CA 91505-4823**      **RCRA**  
**NON GEN**

**EPA Handler ID:** CAL000357424  
**Gen Status Universe:** No Report  
**Contact Name:** SALLY MEDELLIN  
**Contact Address:** 2625 W ALAMEDA AVE STE 216 , , BURBANK , CA, 91505 ,  
**Contact Phone No and Ext:** 818-846-8564  
**Contact Email:** SALLY.MEDELLIN@ZINNIASKIDS.COM  
**Contact Country:**  
**County Name:** LOS ANGELES  
**EPA Region:** 09  
**Land Type:**  
**Receive Date:** 20101001

**Violation/Evaluation Summary**

**Note:** NO RECORDS: As of May 2020, 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:** 20101001  
**Handler Name:** ZINNIA C REGALA DDS  
**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:** 2625 W ALAMEDA AVE STE 216  
**Name:** SALLY MEDELLIN      **Street 2:**

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
<b>Date Became Current:</b>				<b>City:</b>	BURBANK	
<b>Date Ended Current:</b>				<b>State:</b>	CA	
<b>Phone:</b>	818-846-8564			<b>Country:</b>		
<b>Source Type:</b>	Implementer			<b>Zip Code:</b>	91505	
<b>Owner/Operator Ind:</b>				<b>Street No:</b>		
<b>Type:</b>	Current Owner			<b>Street 1:</b>	2625 W ALAMEDA AVE STE 216	
<b>Name:</b>	Other			<b>Street 2:</b>		
<b>Date Became Current:</b>	ZINNIA C REGALA DDS			<b>City:</b>	BURBANK	
<b>Date Ended Current:</b>				<b>State:</b>	CA	
<b>Phone:</b>	818-385-0791			<b>Country:</b>		
<b>Source Type:</b>	Implementer			<b>Zip Code:</b>	91505-4823	

**3**      3 of 6      **SSE**      0.05 / 264.09      530.46 / -2      **ALAMEDA ORAL SURGERY  
2625 W ALAMEDA AVE STE 502  
BURBANK CA 91505**      **RCRA  
NON GEN**

**EPA Handler ID:** CAL000434944  
**Gen Status Universe:** No Report  
**Contact Name:** LISA ESTRADA  
**Contact Address:** 2625 W ALAMEDA AVE STE 502 , , BURBANK , CA, 91505 ,  
**Contact Phone No and Ext:** 818-845-2616  
**Contact Email:** RADACK05#YAHOO.COM  
**Contact Country:**  
**County Name:** LOS ANGELES  
**EPA Region:** 09  
**Land Type:**  
**Receive Date:** 20180413

**Violation/Evaluation Summary**

**Note:** NO RECORDS: As of May 2020, 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:** 20180413  
**Handler Name:** ALAMEDA ORAL SURGERY  
**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
<b>Owner/Operator Ind:</b>	Current Owner				<b>Street No:</b>	
<b>Type:</b>	Other				<b>Street 1:</b>	2625 W ALAMEDA AVE STE 502
<b>Name:</b>	LANDA MISIN RADACK				<b>Street 2:</b>	
<b>Date Became Current:</b>					<b>City:</b>	BURBANK
<b>Date Ended Current:</b>					<b>State:</b>	CA
<b>Phone:</b>	818-845-2616				<b>Country:</b>	
<b>Source Type:</b>	Implementer				<b>Zip Code:</b>	91505
<b>Owner/Operator Ind:</b>	Current Operator				<b>Street No:</b>	
<b>Type:</b>	Other				<b>Street 1:</b>	2625 W ALAMEDA AVE STE 502
<b>Name:</b>	LISA ESTRADA				<b>Street 2:</b>	
<b>Date Became Current:</b>					<b>City:</b>	BURBANK
<b>Date Ended Current:</b>					<b>State:</b>	CA
<b>Phone:</b>	818-845-2616				<b>Country:</b>	
<b>Source Type:</b>	Implementer				<b>Zip Code:</b>	91505

3      4 of 6      **SSE**      0.05 / 264.09      530.46 / -2      **DR KEITH RADACK DDS  
2625 W ALAMEDA AVE STE 200  
BURBANK CA 91505-4823**      **RCRA  
NON GEN**

**EPA Handler ID:** CAL000317793  
**Gen Status Universe:** No Report  
**Contact Name:** KEITH RADACK  
**Contact Address:** 2625 W ALAMEDA AVE , STE 200 , BURBANK , CA, 91505 ,  
**Contact Phone No and Ext:** 818-845-2616  
**Contact Email:** RADACKOS@YAHOO.COM  
**Contact Country:**  
**County Name:** LOS ANGELES  
**EPA Region:** 09  
**Land Type:**  
**Receive Date:** 20070322

**Violation/Evaluation Summary**

**Note:** NO RECORDS: As of May 2020, 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:** 20070322  
**Handler Name:** DR KEITH RADACK DDS  
**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
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**Owner/Operator Details**

<b>Owner/Operator Ind:</b>	Current Owner	<b>Street No:</b>	
<b>Type:</b>	Other	<b>Street 1:</b>	2625 W ALAMEDA AVE
<b>Name:</b>	KEITH RADACK	<b>Street 2:</b>	STE 200
<b>Date Became Current:</b>		<b>City:</b>	BURBANK
<b>Date Ended Current:</b>		<b>State:</b>	CA
<b>Phone:</b>	818-845-2616	<b>Country:</b>	
<b>Source Type:</b>	Implementer	<b>Zip Code:</b>	91505-4823

<b>Owner/Operator Ind:</b>	Current Operator	<b>Street No:</b>	
<b>Type:</b>	Other	<b>Street 1:</b>	2625 W ALAMEDA AVE
<b>Name:</b>	KEITH RADACK	<b>Street 2:</b>	STE 200
<b>Date Became Current:</b>		<b>City:</b>	BURBANK
<b>Date Ended Current:</b>		<b>State:</b>	CA
<b>Phone:</b>	818-845-2616	<b>Country:</b>	
<b>Source Type:</b>	Implementer	<b>Zip Code:</b>	91505

<u>3</u>	5 of 6	SSE	0.05 / 264.09	530.46 / -2	ALEXANDRE HK TAVITIAN DDS INC 2625 W ALAMEDA AVE STE 420 BURBANK CA 91505-0000	RCRA NON GEN
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**EPA Handler ID:** CAL000196836  
**Gen Status Universe:** No Report  
**Contact Name:** ALEXANDRE HK TAVITIAN/PRES  
**Contact Address:** 2625 W ALAMEDA AVE STE 420 , , BURBANK , CA, 91505 ,  
**Contact Phone No and Ext:** 818-955-7788  
**Contact Email:** OPERALEXBILL@GMAIL.COM  
**Contact Country:**  
**County Name:** LOS ANGELES  
**EPA Region:** 09  
**Land Type:**  
**Receive Date:** 19990119

**Violation/Evaluation Summary**

**Note:** NO RECORDS: As of May 2020, 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:** 19990119  
**Handler Name:** ALEXANDRE HK TAVITIAN DDS INC  
**Source Type:** Implementer

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Federal Waste Generator Code: N  
 Generator Code Description: Not a Generator, Verified

**Owner/Operator Details**

<b>Owner/Operator Ind:</b>	Current Operator	<b>Street No:</b>	
<b>Type:</b>	Other	<b>Street 1:</b>	2625 W ALAMEDA AVE STE 420
<b>Name:</b>	ALEXANDRE HK TAVITIAN/PRES	<b>Street 2:</b>	
<b>Date Became Current:</b>		<b>City:</b>	BURBANK
<b>Date Ended Current:</b>		<b>State:</b>	CA
<b>Phone:</b>	818-955-7788	<b>Country:</b>	
<b>Source Type:</b>	Implementer	<b>Zip Code:</b>	91505

<b>Owner/Operator Ind:</b>	Current Owner	<b>Street No:</b>	
<b>Type:</b>	Other	<b>Street 1:</b>	2625 W ALAMEDA AVE STE 420
<b>Name:</b>	ALEXANDRE HK TAVITIAN DDS INC	<b>Street 2:</b>	
<b>Date Became Current:</b>		<b>City:</b>	BURBANK
<b>Date Ended Current:</b>		<b>State:</b>	CA
<b>Phone:</b>	000-000-0000	<b>Country:</b>	
<b>Source Type:</b>	Implementer	<b>Zip Code:</b>	91505-0000

<a href="#"><u>3</u></a>	6 of 6	SSE	0.05 / 264.09	530.46 / -2	UCLA HEALTH BURBANK UROLOGY 2625 W ALAMEDA AVE STE 310 BURBANK CA 91505	RCRA NON GEN
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**EPA Handler ID:** CAL000449857  
**Gen Status Universe:** No Report  
**Contact Name:** STEVE GALINDO  
**Contact Address:** 2625 W ALAMEDA AVE STE 310 , , BURBANK , CA, 91505 ,  
**Contact Phone No and Ext:** 424-365-2159  
**Contact Email:** STEVEGALINDO@MEDNET.UCLA.EDU  
**Contact Country:**  
**County Name:** LOS ANGELES  
**EPA Region:** 09  
**Land Type:**  
**Receive Date:** 20191010

**Violation/Evaluation Summary**

**Note:** NO RECORDS: As of May 2020, 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**

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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**Sequence No:** 1  
**Receive Date:** 20191010  
**Handler Name:** UCLA HEALTH BURBANK UROLOGY  
**Source Type:** Implementer  
**Federal Waste Generator Code:** N  
**Generator Code Description:** Not a Generator, Verified

**Owner/Operator Details**

<b>Owner/Operator Ind:</b>	Current Owner	<b>Street No:</b>	
<b>Type:</b>	Other	<b>Street 1:</b>	1111 FRANKLIN ST
<b>Name:</b>	UNIVERSITY OF CA REGENTS	<b>Street 2:</b>	
<b>Date Became Current:</b>		<b>City:</b>	OAKLAND
<b>Date Ended Current:</b>		<b>State:</b>	CA
<b>Phone:</b>	310-825-4012	<b>Country:</b>	
<b>Source Type:</b>	Implementer	<b>Zip Code:</b>	94607

<b>Owner/Operator Ind:</b>	Current Operator	<b>Street No:</b>	
<b>Type:</b>	Other	<b>Street 1:</b>	2625 W ALAMEDA AVE STE 310
<b>Name:</b>	STEVE GALINDO	<b>Street 2:</b>	
<b>Date Became Current:</b>		<b>City:</b>	BURBANK
<b>Date Ended Current:</b>		<b>State:</b>	CA
<b>Phone:</b>	424-365-2159	<b>Country:</b>	
<b>Source Type:</b>	Implementer	<b>Zip Code:</b>	91505

<a href="#">4</a>	1 of 4	SE	0.05 / 273.53	529.96 / -3	GARO ADOMIAN DDS INC 2601 W ALAMEDA AVE STE 102 BURBANK CA 91505-4808	RCRA NON GEN
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**EPA Handler ID:** CAL000349418  
**Gen Status Universe:** No Report  
**Contact Name:** GARO ADOMIAN  
**Contact Address:** 2601 W ALAMEDA AVE STE 102 , , BURBANK , CA, 91505 ,  
**Contact Phone No and Ext:** 818-841-0112  
**Contact Email:** ELENA@ADOMIANDDS.COM  
**Contact Country:**  
**County Name:** LOS ANGELES  
**EPA Region:** 09  
**Land Type:**  
**Receive Date:** 20100120

**Violation/Evaluation Summary**

**Note:** NO RECORDS: As of May 2020, 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

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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**Hazardous Waste Handler Details**

Sequence No: 1  
 Receive Date: 20100120  
 Handler Name: GARO ADOMIAN DDS INC  
 Source Type: Implementer  
 Federal Waste Generator Code: N  
 Generator Code Description: Not a Generator, Verified

**Owner/Operator Details**

<b>Owner/Operator Ind:</b>	Current Owner	<b>Street No:</b>	
<b>Type:</b>	Other	<b>Street 1:</b>	2601 W ALAMEDA AVE STE 102
<b>Name:</b>	GARO ADOMIAN DDS INC	<b>Street 2:</b>	
<b>Date Became Current:</b>		<b>City:</b>	BURBANK
<b>Date Ended Current:</b>		<b>State:</b>	CA
<b>Phone:</b>	818-841-0112	<b>Country:</b>	
<b>Source Type:</b>	Implementer	<b>Zip Code:</b>	91505-0000

<b>Owner/Operator Ind:</b>	Current Operator	<b>Street No:</b>	
<b>Type:</b>	Other	<b>Street 1:</b>	2601 W ALAMEDA AVE STE 102
<b>Name:</b>	GARO ADOMIAN	<b>Street 2:</b>	
<b>Date Became Current:</b>		<b>City:</b>	BURBANK
<b>Date Ended Current:</b>		<b>State:</b>	CA
<b>Phone:</b>	818-841-0112	<b>Country:</b>	
<b>Source Type:</b>	Implementer	<b>Zip Code:</b>	91505

<u>4</u>	2 of 4	SE	0.05 / 273.53	529.96 / -3	<b>RICHY AGAJANIAN M.D. A PROFESSIONAL CORPORATION 2601 W ALAMEDA AVE STE 300 BURBANK CA 91505</b>	<b>RCRA NON GEN</b>
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**EPA Handler ID:** CAL000438558  
**Gen Status Universe:** No Report  
**Contact Name:** MARK HUEPPELSHEUSER  
**Contact Address:** 18000 STUDEBAKER RD STE 800 , , CERRITOS , CA, 90703 ,  
**Contact Phone No and Ext:** 562-735-3226  
**Contact Email:** MARKHUEPPELSHEUSER@THEONCOLOGYINSTITUTE.COM  
**Contact Country:**  
**County Name:** LOS ANGELES  
**EPA Region:** 09  
**Land Type:**  
**Receive Date:** 20180821

**Violation/Evaluation Summary**

**Note:** NO RECORDS: As of May 2020, 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

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Used Oil Market Burner: No  
 Used Oil Spec Marketer: No

**Hazardous Waste Handler Details**

Sequence No: 1  
 Receive Date: 20180821  
 Handler Name: RICHY AGAJANIAN M.D. A PROFESSIONAL CORPORATION  
 Source Type: Implementer  
 Federal Waste Generator Code: N  
 Generator Code Description: Not a Generator, Verified

**Owner/Operator Details**

<b>Owner/Operator Ind:</b>	Current Owner	<b>Street No:</b>	
<b>Type:</b>	Other	<b>Street 1:</b>	18000 STUDEBAKER RD STE 800
<b>Name:</b>	RICHY AGAJANIAN M.D	<b>Street 2:</b>	
<b>Date Became Current:</b>		<b>City:</b>	CERRITOS
<b>Date Ended Current:</b>		<b>State:</b>	CA
<b>Phone:</b>	562-735-3226	<b>Country:</b>	
<b>Source Type:</b>	Implementer	<b>Zip Code:</b>	90703

<b>Owner/Operator Ind:</b>	Current Operator	<b>Street No:</b>	
<b>Type:</b>	Other	<b>Street 1:</b>	18000 STUDEBAKER RD STE 800
<b>Name:</b>	MARK HUEPPELSHEUSER	<b>Street 2:</b>	
<b>Date Became Current:</b>		<b>City:</b>	CERRITOS
<b>Date Ended Current:</b>		<b>State:</b>	CA
<b>Phone:</b>	562-735-3226	<b>Country:</b>	
<b>Source Type:</b>	Implementer	<b>Zip Code:</b>	90703

<u>4</u>	3 of 4	SE	0.05 / 273.53	529.96 / -3	JOHN YEKIKIAN, DDS 2601 W ALAMEDA AVE STE 406 BURBANK CA 91505-0000	RCRA NON GEN
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EPA Handler ID: CAL000152445  
 Gen Status Universe: No Report  
 Contact Name: ERA GEVORK-ARAGHI  
 Contact Address: 2601 W ALAMEDA AVE STE 406 , , BURBANK , CA, 91505 ,  
 Contact Phone No and Ext: 818-242-4703  
 Contact Email: USCDDS83@YAHOO.COM  
 Contact Country:  
 County Name: LOS ANGELES  
 EPA Region: 09  
 Land Type:  
 Receive Date: 19960109

**Violation/Evaluation Summary**

**Note:** NO RECORDS: As of May 2020, 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

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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: 19960109  
 Handler Name: JOHN YEKIKIAN, DDS  
 Source Type: Implementer  
 Federal Waste Generator Code: N  
 Generator Code Description: Not a Generator, Verified

**Owner/Operator Details**

<b>Owner/Operator Ind:</b> Current Owner	<b>Street No:</b>	
<b>Type:</b> Other	<b>Street 1:</b>	2601 W ALAMEDA AVE STE 406
<b>Name:</b> JOHN YEKIKIAN, DDS	<b>Street 2:</b>	
<b>Date Became Current:</b>	<b>City:</b>	BURBANK
<b>Date Ended Current:</b>	<b>State:</b>	CA
<b>Phone:</b> 818-242-4703	<b>Country:</b>	
<b>Source Type:</b> Implementer	<b>Zip Code:</b>	91505-4800

<b>Owner/Operator Ind:</b> Current Operator	<b>Street No:</b>	
<b>Type:</b> Other	<b>Street 1:</b>	2601 W ALAMEDA AVE STE 406
<b>Name:</b> ERA GEVORK-ARAGHI	<b>Street 2:</b>	
<b>Date Became Current:</b>	<b>City:</b>	BURBANK
<b>Date Ended Current:</b>	<b>State:</b>	CA
<b>Phone:</b> 818-242-4703	<b>Country:</b>	
<b>Source Type:</b> Implementer	<b>Zip Code:</b>	91505

<u>4</u>	4 of 4	SE	0.05 / 273.53	529.96 / -3	PROVIDENCE MEDICAL INSTITUTE 2601 W ALAMEDA AVE STE 212 BURBANK CA 91505-4814	RCRA NON GEN
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EPA Handler ID: CAL000441293  
 Gen Status Universe: No Report  
 Contact Name: ROXANNE RAUDA  
 Contact Address: 2601 W ALAMEDA AVE STE 212 , , BURBANK , CA, 91505-4814 ,  
 Contact Phone No and Ext: 818-847-6990  
 Contact Email: ROXANNE.RAUDA@PROVIDENCE.ORG  
 Contact Country:  
 County Name: LOS ANGELES  
 EPA Region: 09  
 Land Type:  
 Receive Date: 20181129

**Violation/Evaluation Summary**

**Note:** NO RECORDS: As of May 2020, 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

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
<b>Underground Injection Activity:</b>	No					
<b>Commercial TSD:</b>	No					
<b>Used Oil Transporter:</b>	No					
<b>Used Oil Transfer Facility:</b>	No					
<b>Used Oil Processor:</b>	No					
<b>Used Oil Refiner:</b>	No					
<b>Used Oil Burner:</b>	No					
<b>Used Oil Market Burner:</b>	No					
<b>Used Oil Spec Marketer:</b>	No					

**Hazardous Waste Handler Details**

**Sequence No:** 1  
**Receive Date:** 20181129  
**Handler Name:** PROVIDENCE MEDICAL INSTITUTE  
**Source Type:** Implementer  
**Federal Waste Generator Code:** N  
**Generator Code Description:** Not a Generator, Verified

**Owner/Operator Details**

<b>Owner/Operator Ind:</b> Current Owner	<b>Street No:</b>	
<b>Type:</b> Other	<b>Street 1:</b>	21311 MADRONA AVE STE 101
<b>Name:</b> PROVIDENCE MEDICAL INSTITUTE NP CRP	<b>Street 2:</b>	
<b>Date Became Current:</b>	<b>City:</b>	TORRANCE
<b>Date Ended Current:</b>	<b>State:</b>	CA
<b>Phone:</b> 310-543-7001	<b>Country:</b>	
<b>Source Type:</b> Implementer	<b>Zip Code:</b>	90503
<b>Owner/Operator Ind:</b> Current Operator	<b>Street No:</b>	
<b>Type:</b> Other	<b>Street 1:</b>	2601 W ALAMEDA AVE STE 212
<b>Name:</b> ROXANNE RAUDA	<b>Street 2:</b>	
<b>Date Became Current:</b>	<b>City:</b>	BURBANK
<b>Date Ended Current:</b>	<b>State:</b>	CA
<b>Phone:</b> 818-847-6990	<b>Country:</b>	
<b>Source Type:</b> Implementer	<b>Zip Code:</b>	91505-4814

<b><u>5</u></b>	<b>1 of 1</b>	<b>S</b>	<b>0.05 / 281.19</b>	<b>531.53 / -1</b>	<b>PATRICK TSENG, DDS INC 2701 W ALAMEDA AVE STE 306 BURBANK CA 91505-4408</b>	<b>RCRA NON GEN</b>
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**EPA Handler ID:** CAL000344237  
**Gen Status Universe:** No Report  
**Contact Name:** PATRICK TSENG  
**Contact Address:** 2701 W ALAMEDA AVE STE 306 , , BURBANK , CA, 91505-4408 ,  
**Contact Phone No and Ext:** 818-845-8381  
**Contact Email:** PT02223@YAHOO.COM  
**Contact Country:**  
**County Name:** LOS ANGELES  
**EPA Region:** 09  
**Land Type:**  
**Receive Date:** 20090624

**Violation/Evaluation Summary**

**Note:** NO RECORDS: As of May 2020, 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

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
<b>Transfer Facility:</b>		No				
<b>Onsite Burner Exemption:</b>		No				
<b>Furnace Exemption:</b>		No				
<b>Underground Injection Activity:</b>		No				
<b>Commercial TSD:</b>		No				
<b>Used Oil Transporter:</b>		No				
<b>Used Oil Transfer Facility:</b>		No				
<b>Used Oil Processor:</b>		No				
<b>Used Oil Refiner:</b>		No				
<b>Used Oil Burner:</b>		No				
<b>Used Oil Market Burner:</b>		No				
<b>Used Oil Spec Marketer:</b>		No				

**Hazardous Waste Handler Details**

**Sequence No:** 1  
**Receive Date:** 20090624  
**Handler Name:** PATRICK TSENG, DDS INC  
**Source Type:** Implementer  
**Federal Waste Generator Code:** N  
**Generator Code Description:** Not a Generator, Verified

**Owner/Operator Details**

<b>Owner/Operator Ind:</b> Current Owner	<b>Street No:</b>
<b>Type:</b> Other	<b>Street 1:</b> 2701 W ALAMEDA STE 306
<b>Name:</b> CHI FENG TSENG, DDS INC	<b>Street 2:</b>
<b>Date Became Current:</b>	<b>City:</b> BURBANK
<b>Date Ended Current:</b>	<b>State:</b> CA
<b>Phone:</b> 415-810-6405	<b>Country:</b>
<b>Source Type:</b> Implementer	<b>Zip Code:</b> 91754-2715

<b>Owner/Operator Ind:</b> Current Operator	<b>Street No:</b>
<b>Type:</b> Other	<b>Street 1:</b> 2701 W ALAMEDA AVE STE 306
<b>Name:</b> PATRICK TSENG	<b>Street 2:</b>
<b>Date Became Current:</b>	<b>City:</b> BURBANK
<b>Date Ended Current:</b>	<b>State:</b> CA
<b>Phone:</b> 818-845-8381	<b>Country:</b>
<b>Source Type:</b> Implementer	<b>Zip Code:</b> 91505-4408

<u>6</u>	1 of 11	S	0.06 / 293.55	531.02 / -2	<b>PROVIDENCE ST JOSEPH MEDICAL CTR 501 SOUTH BUENA VISTA STREET BURBANK CA 91505-4866</b>	<b>RCRA TSD</b>
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**EPA Handler ID:** CAD108148958  
**Gen Status Universe:** Large Quantity Generator  
**Contact Name:** CARLIE D ELWELL  
**Contact Address:** 501 , SOUTH BUENA VISTA STREET , , BURBANK , CA, 91505-4866 , US  
**Contact Phone No and Ext:** 818-847-9152  
**Contact Email:** CARLIE.ELWELL@PROVIDENCE.ORG  
**Contact Country:** US  
**Land Type:** Private  
**County Name:** LOS ANGELES  
**EPA Region:** 09  
**Receive Date:** 20180510

**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 May, 2020.

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction</b>	<b>Distance (mi/ft)</b>	<b>Elev/Diff (ft)</b>	<b>Site</b>	<b>DB</b>
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**Violation Details**

**Citation:**  
**Violation Short Description:** Generators - Records/Reporting  
**Violation Type:** 262.D  
**Violation Determined Date:** 20170803  
**Scheduled Compliance Date:**  
**Return to Compliance:** Observed  
**Actual Return to Compl:** 20170829  
**Violation Responsible Agency:** State

**Evaluation Details**

**Evaluation Start Date:** 20170829  
**Evaluation Type Description:** COMPLIANCE EVALUATION INSPECTION ON-SITE  
**Violation Short Description:**  
**Return to Compliance Date:**  
**Evaluation Agency:** State

**Evaluation Start Date:** 20170803  
**Evaluation Type Description:** COMPLIANCE EVALUATION INSPECTION ON-SITE  
**Violation Short Description:** Generators - Records/Reporting  
**Return to Compliance Date:** 20170829  
**Evaluation Agency:** State

**Evaluation Start Date:** 20140827  
**Evaluation Type Description:** COMPLIANCE EVALUATION INSPECTION ON-SITE  
**Violation Short Description:**  
**Return to Compliance Date:**  
**Evaluation Agency:** State

**Evaluation Start Date:** 20140731  
**Evaluation Type Description:** COMPLIANCE EVALUATION INSPECTION ON-SITE  
**Violation Short Description:**  
**Return to Compliance Date:**  
**Evaluation Agency:** State

**Evaluation Start Date:** 20100512  
**Evaluation Type Description:** COMPLIANCE EVALUATION INSPECTION ON-SITE  
**Violation Short Description:**  
**Return to Compliance Date:**  
**Evaluation Agency:** State

**Evaluation Start Date:** 20040407  
**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

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction</b>	<b>Distance (mi/ft)</b>	<b>Elev/Diff (ft)</b>	<b>Site</b>	<b>DB</b>
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**Hazardous Waste Handler Details**

**Sequence No:** 1  
**Receive Date:** 19860520  
**Handler Name:** ST JOSEPH MEDICAL CENTER  
**Federal Waste Generator Code:** 1  
**Generator Code Description:** Large Quantity Generator  
**Source Type:** Notification

**Hazardous Waste Handler Details**

**Sequence No:** 2  
**Receive Date:** 19860520  
**Handler Name:** ST JOSEPH MEDICAL CENTER  
**Federal Waste Generator Code:** 1  
**Generator Code Description:** Large Quantity Generator  
**Source Type:** Notification

**Hazardous Waste Handler Details**

**Sequence No:** 1  
**Receive Date:** 19920330  
**Handler Name:** ST. JOSEPH'S MEDICAL CENTER  
**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:** 19940324  
**Handler Name:** SAINT JOSEPH MEDICAL CENTER  
**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:** 19960226  
**Handler Name:** SAINT JOSEPH MEDICAL CENTER  
**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:** ST JOSEPH MEDICAL CENTER  
**Federal Waste Generator Code:** 2  
**Generator Code Description:** Small Quantity Generator  
**Source Type:** Implementer

**Hazardous Waste Handler Details**

**Sequence No:** 3  
**Receive Date:** 19980209  
**Handler Name:** ST JOSEPH MEDICAL CENTER  
**Federal Waste Generator Code:** 1

Generator Code Description: Large Quantity Generator  
 Source Type: Notification

**Hazardous Waste Handler Details**

Sequence No: 4  
 Receive Date: 19990304  
 Handler Name: PROVIDENCE ST. JOSEPH MEDICAL CENTER  
 Federal Waste Generator Code: 1  
 Generator Code Description: Large Quantity Generator  
 Source Type: Annual/Biennial Report

**Hazardous Waste Handler Details**

Sequence No: 5  
 Receive Date: 20001012  
 Handler Name: PROVIDENCE ST. JOSEPH MEDICAL CENTER  
 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: 20060511  
 Handler Name: PROVIDENCE SAINT JOSEPH MEDICAL CENTER  
 Federal Waste Generator Code: 2  
 Generator Code Description: Small Quantity Generator  
 Source Type: Implementer

**Hazardous Waste Handler Details**

Sequence No: 6  
 Receive Date: 20060511  
 Handler Name: PROVIDENCE SAINT JOSEPH MEDICAL CENTER  
 Federal Waste Generator Code: 1  
 Generator Code Description: Large Quantity Generator  
 Source Type: Annual/Biennial Report

**Waste Code Details**

Hazardous Waste Code: 134  
 Waste Code Description: Aqueous solution with <10% total organic residues

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: 725  
 Waste Code Description: Liquids with mercury > 20 mg/l

Hazardous Waste Code: D001  
 Waste Code Description: IGNITABLE WASTE

Hazardous Waste Code: D009  
 Waste Code Description: MERCURY

<i>Map Key</i>	<i>Number of Records</i>	<i>Direction</i>	<i>Distance (mi/ft)</i>	<i>Elev/Diff (ft)</i>	<i>Site</i>	<i>DB</i>
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**Hazardous Waste Handler Details**

**Sequence No:** 7  
**Receive Date:** 20080617  
**Handler Name:** PROVIDENCE SAINT JOSEPH MEDICAL CENTER  
**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:** D009  
**Waste Code Description:** MERCURY

**Hazardous Waste Handler Details**

**Sequence No:** 1  
**Receive Date:** 20100803  
**Handler Name:** PROVIDENCE SAINT JOSEPH MEDICAL CENTER  
**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:** D001  
**Waste Code Description:** IGNITABLE WASTE

**Hazardous Waste Code:** D018  
**Waste Code Description:** BENZENE

**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 Handler Details**

**Sequence No:** 2  
**Receive Date:** 20130308  
**Handler Name:** PROVIDENCE SAINT JOSEPH MEDICAL CENTER  
**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:** D001  
**Waste Code Description:** IGNITABLE WASTE

**Hazardous Waste Code:** D018  
**Waste Code Description:** BENZENE

**Hazardous Waste Code:** F003  
**Waste Code Description:** THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction</b>	<b>Distance (mi/ft)</b>	<b>Elev/Diff (ft)</b>	<b>Site</b>	<b>DB</b>
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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 Handler Details**

**Sequence No:** 3  
**Receive Date:** 20140301  
**Handler Name:** PROVIDENCE ST JOSEPH MEDICAL CENTER  
**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:** D001  
**Waste Code Description:** IGNITABLE WASTE

**Hazardous Waste Code:** D002  
**Waste Code Description:** CORROSIVE WASTE

**Hazardous Waste Code:** D003  
**Waste Code Description:** REACTIVE WASTE

**Hazardous Waste Code:** D009  
**Waste Code Description:** MERCURY

**Hazardous Waste Code:** D011  
**Waste Code Description:** SILVER

**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:** LABP  
**Waste Code Description:** LAB PACK

**Hazardous Waste Handler Details**

**Sequence No:** 4  
**Receive Date:** 20180510  
**Handler Name:** PROVIDENCE ST JOSEPH MEDICAL CTR  
**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

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction</b>	<b>Distance (mi/ft)</b>	<b>Elev/Diff (ft)</b>	<b>Site</b>	<b>DB</b>
<b>Waste Code Description:</b>			Other inorganic solid waste			
<b>Hazardous Waste Code:</b>			214			
<b>Waste Code Description:</b>			Unspecified solvent mixture			
<b>Hazardous Waste Code:</b>			221			
<b>Waste Code Description:</b>			Waste oil and mixed oil			
<b>Hazardous Waste Code:</b>			261			
<b>Waste Code Description:</b>			Polychlorinated biphenyls and material containing PCB's			
<b>Hazardous Waste Code:</b>			311			
<b>Waste Code Description:</b>			Pharmaceutical waste			
<b>Hazardous Waste Code:</b>			331			
<b>Waste Code Description:</b>			Off-specification, aged, or surplus organics			
<b>Hazardous Waste Code:</b>			343			
<b>Waste Code Description:</b>			Unspecified organic liquid mixture			
<b>Hazardous Waste Code:</b>			551			
<b>Waste Code Description:</b>			Laboratory waste chemicals			
<b>Hazardous Waste Code:</b>			791			
<b>Waste Code Description:</b>			Liquids with pH < 2			
<b>Hazardous Waste Code:</b>			D001			
<b>Waste Code Description:</b>			IGNITABLE WASTE			
<b>Hazardous Waste Code:</b>			D007			
<b>Waste Code Description:</b>			CHROMIUM			
<b>Hazardous Waste Code:</b>			D009			
<b>Waste Code Description:</b>			MERCURY			
<b>Hazardous Waste Code:</b>			D010			
<b>Waste Code Description:</b>			SELENIUM			
<b>Hazardous Waste Code:</b>			D011			
<b>Waste Code Description:</b>			SILVER			
<b>Hazardous Waste Code:</b>			D024			
<b>Waste Code Description:</b>			M-CRESOL			
<b>Hazardous Waste Code:</b>			F003			
<b>Waste Code Description:</b>			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.			
<b>Hazardous Waste Code:</b>			U010			
<b>Waste Code Description:</b>			AZIRINO [2',3':3,4]PYRROLO[1,2-A]INDOLE-4,7-DIONE, 6-AMINO-8-[[[(AMINOCARBONYL)OXY]METHYL]-1,1A, 2,8,8A,8B-HEXAHYDRO-8A-METHOXY-5-METHYL-, [1AS-(1AALPHA, 8BETA, 8AALPHA, 8BALPHA)]- (OR) MITOMYCIN C			
<b>Hazardous Waste Code:</b>			U035			
<b>Waste Code Description:</b>			BENZENE BUTANOIC ACID, 4-[BIS(2-CHLOROETHYL)AMINO]- (OR) CHLORAMBUCIL			
<b>Hazardous Waste Code:</b>			U058			
<b>Waste Code Description:</b>			2H-1,3,2-OXAZAPHOSPHORIN-2-AMINE, N,N-BIS(2-CHLOROETHYL)TETRAHYDRO-, 2-OXIDE (OR) CYCLOPHOSPHAMIDE			
<b>Hazardous Waste Code:</b>			U059			
<b>Waste Code Description:</b>			5,12-NAPHTHACENEDIONE, 8-ACETYL-10-[(3-AMINO-2,3,6-TRIDEOXY)-ALPHA-L-LYXO-HEXOPYRANOSYL] OXY]-7,8,9,10-TETRAHYDRO-6,8,11-TRIHYDROXY-1-METHOXY-, (8S-CIS)- (OR) DAUNOMYCIN			

**Hazardous Waste Code:** U123  
**Waste Code Description:** FORMIC ACID (C,T)

**Hazardous Waste Code:** U150  
**Waste Code Description:** L-PHENYLALANINE, 4-[BIS(2-CHLOROETHYL)AMINO]- (OR) MELPHALAN

**Owner/Operator Details**

<b>Owner/Operator Ind:</b>	Current Operator	<b>Street No:</b>	
<b>Type:</b>	Private	<b>Street 1:</b>	
<b>Name:</b>	SISTERS OF PROVIDENCE	<b>Street 2:</b>	
<b>Date Became Current:</b>	19440201	<b>City:</b>	
<b>Date Ended Current:</b>		<b>State:</b>	
<b>Phone:</b>		<b>Country:</b>	US
<b>Source Type:</b>	Annual/Biennial Report	<b>Zip Code:</b>	
<b>Owner/Operator Ind:</b>	Current Owner	<b>Street No:</b>	1801
<b>Type:</b>	Private	<b>Street 1:</b>	LIND AVE SW #9016
<b>Name:</b>	SISTERS OF PROVIDENCE	<b>Street 2:</b>	
<b>Date Became Current:</b>	19440201	<b>City:</b>	RENTON
<b>Date Ended Current:</b>		<b>State:</b>	WA
<b>Phone:</b>	425-525-3355	<b>Country:</b>	
<b>Source Type:</b>	Annual/Biennial Report update with Notification	<b>Zip Code:</b>	98057
<b>Owner/Operator Ind:</b>	Current Owner	<b>Street No:</b>	
<b>Type:</b>	Private	<b>Street 1:</b>	NOT REQUIRED
<b>Name:</b>	SISTERS OF PROVIDENCE	<b>Street 2:</b>	
<b>Date Became Current:</b>		<b>City:</b>	NOT REQUIRED
<b>Date Ended Current:</b>		<b>State:</b>	ME
<b>Phone:</b>	415-555-1212	<b>Country:</b>	
<b>Source Type:</b>	Notification	<b>Zip Code:</b>	99999
<b>Owner/Operator Ind:</b>	Current Owner	<b>Street No:</b>	
<b>Type:</b>	Private	<b>Street 1:</b>	506 2ND AVENUE
<b>Name:</b>	SISTERS OF PROVIDENCE	<b>Street 2:</b>	
<b>Date Became Current:</b>	19440201	<b>City:</b>	SEATTLE
<b>Date Ended Current:</b>		<b>State:</b>	WA
<b>Phone:</b>		<b>Country:</b>	US
<b>Source Type:</b>	Annual/Biennial Report	<b>Zip Code:</b>	98104
<b>Owner/Operator Ind:</b>	Current Owner	<b>Street No:</b>	
<b>Type:</b>	Private	<b>Street 1:</b>	506 2ND AVENUE
<b>Name:</b>	SISTERS OF PROVIDENCE	<b>Street 2:</b>	
<b>Date Became Current:</b>	19440201	<b>City:</b>	SEATTLE
<b>Date Ended Current:</b>		<b>State:</b>	CA
<b>Phone:</b>		<b>Country:</b>	US
<b>Source Type:</b>	Annual/Biennial Report	<b>Zip Code:</b>	98104
<b>Owner/Operator Ind:</b>	Current Operator	<b>Street No:</b>	
<b>Type:</b>	Private	<b>Street 1:</b>	
<b>Name:</b>	SISTER OF PROVIDENCE	<b>Street 2:</b>	
<b>Date Became Current:</b>	19440201	<b>City:</b>	
<b>Date Ended Current:</b>		<b>State:</b>	
<b>Phone:</b>		<b>Country:</b>	
<b>Source Type:</b>	Annual/Biennial Report update with Notification	<b>Zip Code:</b>	
<b>Owner/Operator Ind:</b>	Current Owner	<b>Street No:</b>	1801
<b>Type:</b>	Private	<b>Street 1:</b>	LIND AVENUE SW#9016
<b>Name:</b>	SISTERS OF PROVIDENCE	<b>Street 2:</b>	
<b>Date Became Current:</b>	19440201	<b>City:</b>	RENTON
<b>Date Ended Current:</b>		<b>State:</b>	WA
<b>Phone:</b>	425-525-3355	<b>Country:</b>	
<b>Source Type:</b>	Annual/Biennial Report update with Notification	<b>Zip Code:</b>	98057
<b>Owner/Operator Ind:</b>	Current Owner	<b>Street No:</b>	501
<b>Type:</b>	Private	<b>Street 1:</b>	SOUTH BUENA VISTA STREET
<b>Name:</b>	PROVIDENCE HEALTH SYSTEMS-	<b>Street 2:</b>	



<b>Map Key</b>	<b>Number of Records</b>	<b>Direction</b>	<b>Distance (mi/ft)</b>	<b>Elev/Diff (ft)</b>	<b>Site</b>	<b>DB</b>
<b>Generator Code Description:</b> <b>Handler Name:</b>					Large Quantity Generator PROVIDENCE ST JOSEPH MEDICAL CENTER	
<b>Receive Dt:</b> <b>Generator Code Description:</b> <b>Handler Name:</b>				20130308 Large Quantity Generator PROVIDENCE SAINT JOSEPH MEDICAL CENTER		
<b>Receive Dt:</b> <b>Generator Code Description:</b> <b>Handler Name:</b>				20100803 Large Quantity Generator PROVIDENCE SAINT JOSEPH MEDICAL CENTER		
<b>Receive Dt:</b> <b>Generator Code Description:</b> <b>Handler Name:</b>				20080617 Large Quantity Generator PROVIDENCE SAINT JOSEPH MEDICAL CENTER		
<b>Receive Dt:</b> <b>Generator Code Description:</b> <b>Handler Name:</b>				20060511 Large Quantity Generator PROVIDENCE SAINT JOSEPH MEDICAL CENTER		
<b>Receive Dt:</b> <b>Generator Code Description:</b> <b>Handler Name:</b>				20060511 Small Quantity Generator PROVIDENCE SAINT JOSEPH MEDICAL CENTER		
<b>Receive Dt:</b> <b>Generator Code Description:</b> <b>Handler Name:</b>				20001012 Large Quantity Generator PROVIDENCE ST. JOSEPH MEDICAL CENTER		
<b>Receive Dt:</b> <b>Generator Code Description:</b> <b>Handler Name:</b>				19990304 Large Quantity Generator PROVIDENCE ST. JOSEPH MEDICAL CENTER		
<b>Receive Dt:</b> <b>Generator Code Description:</b> <b>Handler Name:</b>				19980209 Large Quantity Generator ST JOSEPH MEDICAL CENTER		
<b>Receive Dt:</b> <b>Generator Code Description:</b> <b>Handler Name:</b>				19960901 Small Quantity Generator ST JOSEPH MEDICAL CENTER		
<b>Receive Dt:</b> <b>Generator Code Description:</b> <b>Handler Name:</b>				19960226 Large Quantity Generator SAINT JOSEPH MEDICAL CENTER		
<b>Receive Dt:</b> <b>Generator Code Description:</b> <b>Handler Name:</b>				19940324 Large Quantity Generator SAINT JOSEPH MEDICAL CENTER		
<b>Receive Dt:</b> <b>Generator Code Description:</b> <b>Handler Name:</b>				19920330 Large Quantity Generator ST. JOSEPH'S MEDICAL CENTER		
<b>Receive Dt:</b> <b>Generator Code Description:</b> <b>Handler Name:</b>				19860520 Large Quantity Generator ST JOSEPH MEDICAL CENTER		
<b>Receive Dt:</b> <b>Generator Code Description:</b> <b>Handler Name:</b>				19860520 Large Quantity Generator ST JOSEPH MEDICAL CENTER		
<b>6</b>	<b>2 of 11</b>	<b>S</b>	<b>0.06 / 293.55</b>	<b>531.02 / -2</b>	<b>PROVIDENCE ST JOSEPH MEDICAL CTR 501 SOUTH BUENA VISTA STREET BURBANK CA 91505-4866</b>	<b>RCRA LQG</b>
<b>EPA Handler ID:</b> <b>Gen Status Universe:</b> <b>Contact Name:</b>					CAD108148958 Large Quantity Generator CARLIE D ELWELL	

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction</b>	<b>Distance (mi/ft)</b>	<b>Elev/Diff (ft)</b>	<b>Site</b>	<b>DB</b>
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**Contact Address:** 501 , SOUTH BUENA VISTA STREET , , BURBANK , CA, 91505-4866 , US  
**Contact Phone No and Ext:** 818-847-9152  
**Contact Email:** CARLIE.ELWELL@PROVIDENCE.ORG  
**Contact Country:** US  
**County Name:** LOS ANGELES  
**EPA Region:** 09  
**Land Type:** Private  
**Receive Date:** 20180510

**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 May, 2020.

**Violation Details**

**Citation:**  
**Violation Short Description:** Generators - Records/Reporting  
**Violation Type:** 262.D  
**Violation Determined Date:** 20170803  
**Scheduled Compliance Date:**  
**Return to Compliance:** Observed  
**Actual Return to Compl:** 20170829  
**Violation Responsible Agency:** State

**Evaluation Details**

**Evaluation Start Date:** 20170829  
**Evaluation Type Description:** COMPLIANCE EVALUATION INSPECTION ON-SITE  
**Violation Short Description:**  
**Return to Compliance Date:**  
**Evaluation Agency:** State

**Evaluation Start Date:** 20170803  
**Evaluation Type Description:** COMPLIANCE EVALUATION INSPECTION ON-SITE  
**Violation Short Description:** Generators - Records/Reporting  
**Return to Compliance Date:** 20170829  
**Evaluation Agency:** State

**Evaluation Start Date:** 20140827  
**Evaluation Type Description:** COMPLIANCE EVALUATION INSPECTION ON-SITE  
**Violation Short Description:**  
**Return to Compliance Date:**  
**Evaluation Agency:** State

**Evaluation Start Date:** 20140731  
**Evaluation Type Description:** COMPLIANCE EVALUATION INSPECTION ON-SITE  
**Violation Short Description:**  
**Return to Compliance Date:**  
**Evaluation Agency:** State

**Evaluation Start Date:** 20100512  
**Evaluation Type Description:** COMPLIANCE EVALUATION INSPECTION ON-SITE  
**Violation Short Description:**  
**Return to Compliance Date:**  
**Evaluation Agency:** State

**Evaluation Start Date:** 20040407  
**Evaluation Type Description:** COMPLIANCE EVALUATION INSPECTION ON-SITE  
**Violation Short Description:**  
**Return to Compliance Date:**  
**Evaluation Agency:** State Contractor/Grantee

**Handler Summary**

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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**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:** 19860520  
**Handler Name:** ST JOSEPH MEDICAL CENTER  
**Federal Waste Generator Code:** 1  
**Generator Code Description:** Large Quantity Generator  
**Source Type:** Notification

**Hazardous Waste Handler Details**

**Sequence No:** 2  
**Receive Date:** 19860520  
**Handler Name:** ST JOSEPH MEDICAL CENTER  
**Federal Waste Generator Code:** 1  
**Generator Code Description:** Large Quantity Generator  
**Source Type:** Notification

**Hazardous Waste Handler Details**

**Sequence No:** 1  
**Receive Date:** 19920330  
**Handler Name:** ST. JOSEPH'S MEDICAL CENTER  
**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:** 19940324  
**Handler Name:** SAINT JOSEPH MEDICAL CENTER  
**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:** 19960226  
**Handler Name:** SAINT JOSEPH MEDICAL CENTER  
**Federal Waste Generator Code:** 1  
**Generator Code Description:** Large Quantity Generator  
**Source Type:** Annual/Biennial Report

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction</b>	<b>Distance (mi/ft)</b>	<b>Elev/Diff (ft)</b>	<b>Site</b>	<b>DB</b>
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**Hazardous Waste Handler Details**

**Sequence No:** 1  
**Receive Date:** 19960901  
**Handler Name:** ST JOSEPH MEDICAL CENTER  
**Federal Waste Generator Code:** 2  
**Generator Code Description:** Small Quantity Generator  
**Source Type:** Implementer

**Hazardous Waste Handler Details**

**Sequence No:** 3  
**Receive Date:** 19980209  
**Handler Name:** ST JOSEPH MEDICAL CENTER  
**Federal Waste Generator Code:** 1  
**Generator Code Description:** Large Quantity Generator  
**Source Type:** Notification

**Hazardous Waste Handler Details**

**Sequence No:** 4  
**Receive Date:** 19990304  
**Handler Name:** PROVIDENCE ST. JOSEPH MEDICAL CENTER  
**Federal Waste Generator Code:** 1  
**Generator Code Description:** Large Quantity Generator  
**Source Type:** Annual/Biennial Report

**Hazardous Waste Handler Details**

**Sequence No:** 5  
**Receive Date:** 20001012  
**Handler Name:** PROVIDENCE ST. JOSEPH MEDICAL CENTER  
**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:** 20060511  
**Handler Name:** PROVIDENCE SAINT JOSEPH MEDICAL CENTER  
**Federal Waste Generator Code:** 2  
**Generator Code Description:** Small Quantity Generator  
**Source Type:** Implementer

**Hazardous Waste Handler Details**

**Sequence No:** 6  
**Receive Date:** 20060511  
**Handler Name:** PROVIDENCE SAINT JOSEPH MEDICAL CENTER  
**Federal Waste Generator Code:** 1  
**Generator Code Description:** Large Quantity Generator  
**Source Type:** Annual/Biennial Report

**Waste Code Details**

**Hazardous Waste Code:** 134  
**Waste Code Description:** Aqueous solution with <10% total organic residues

**Hazardous Waste Code:** 214  
**Waste Code Description:** Unspecified solvent mixture

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction</b>	<b>Distance (mi/ft)</b>	<b>Elev/Diff (ft)</b>	<b>Site</b>	<b>DB</b>
<b>Hazardous Waste Code:</b>			331			
<b>Waste Code Description:</b>			Off-specification, aged, or surplus organics			
<b>Hazardous Waste Code:</b>			343			
<b>Waste Code Description:</b>			Unspecified organic liquid mixture			
<b>Hazardous Waste Code:</b>			725			
<b>Waste Code Description:</b>			Liquids with mercury > 20 mg/l			
<b>Hazardous Waste Code:</b>			D001			
<b>Waste Code Description:</b>			IGNITABLE WASTE			
<b>Hazardous Waste Code:</b>			D009			
<b>Waste Code Description:</b>			MERCURY			

**Hazardous Waste Handler Details**

**Sequence No:** 7  
**Receive Date:** 20080617  
**Handler Name:** PROVIDENCE SAINT JOSEPH MEDICAL CENTER  
**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:** D009  
**Waste Code Description:** MERCURY

**Hazardous Waste Handler Details**

**Sequence No:** 1  
**Receive Date:** 20100803  
**Handler Name:** PROVIDENCE SAINT JOSEPH MEDICAL CENTER  
**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:** D001  
**Waste Code Description:** IGNITABLE WASTE

**Hazardous Waste Code:** D018  
**Waste Code Description:** BENZENE

**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 Handler Details**

**Sequence No:** 2  
**Receive Date:** 20130308

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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**Handler Name:** PROVIDENCE SAINT JOSEPH MEDICAL CENTER  
**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:** D001  
**Waste Code Description:** IGNITABLE WASTE

**Hazardous Waste Code:** D018  
**Waste Code Description:** BENZENE

**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 Handler Details**

**Sequence No:** 3  
**Receive Date:** 20140301  
**Handler Name:** PROVIDENCE ST JOSEPH MEDICAL CENTER  
**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:** D001  
**Waste Code Description:** IGNITABLE WASTE

**Hazardous Waste Code:** D002  
**Waste Code Description:** CORROSIVE WASTE

**Hazardous Waste Code:** D003  
**Waste Code Description:** REACTIVE WASTE

**Hazardous Waste Code:** D009  
**Waste Code Description:** MERCURY

**Hazardous Waste Code:** D011  
**Waste Code Description:** SILVER

**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:** LABP  
**Waste Code Description:** LAB PACK

**Hazardous Waste Handler Details**

**Sequence No:** 4

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction</b>	<b>Distance (mi/ft)</b>	<b>Elev/Diff (ft)</b>	<b>Site</b>	<b>DB</b>
<b>Receive Date:</b>			20180510			
<b>Handler Name:</b>			PROVIDENCE ST JOSEPH MEDICAL CTR			
<b>Federal Waste Generator Code:</b>			1			
<b>Generator Code Description:</b>			Large Quantity Generator			
<b>Source Type:</b>			Annual/Biennial Report update with Notification			
<b><u>Waste Code Details</u></b>						
<b>Hazardous Waste Code:</b>			122			
<b>Waste Code Description:</b>			Alkaline solution without metals (pH > 12.5)			
<b>Hazardous Waste Code:</b>			141			
<b>Waste Code Description:</b>			Off-specification, aged, or surplus inorganics			
<b>Hazardous Waste Code:</b>			181			
<b>Waste Code Description:</b>			Other inorganic solid waste			
<b>Hazardous Waste Code:</b>			214			
<b>Waste Code Description:</b>			Unspecified solvent mixture			
<b>Hazardous Waste Code:</b>			221			
<b>Waste Code Description:</b>			Waste oil and mixed oil			
<b>Hazardous Waste Code:</b>			261			
<b>Waste Code Description:</b>			Polychlorinated biphenyls and material containing PCB's			
<b>Hazardous Waste Code:</b>			311			
<b>Waste Code Description:</b>			Pharmaceutical waste			
<b>Hazardous Waste Code:</b>			331			
<b>Waste Code Description:</b>			Off-specification, aged, or surplus organics			
<b>Hazardous Waste Code:</b>			343			
<b>Waste Code Description:</b>			Unspecified organic liquid mixture			
<b>Hazardous Waste Code:</b>			551			
<b>Waste Code Description:</b>			Laboratory waste chemicals			
<b>Hazardous Waste Code:</b>			791			
<b>Waste Code Description:</b>			Liquids with pH < 2			
<b>Hazardous Waste Code:</b>			D001			
<b>Waste Code Description:</b>			IGNITABLE WASTE			
<b>Hazardous Waste Code:</b>			D007			
<b>Waste Code Description:</b>			CHROMIUM			
<b>Hazardous Waste Code:</b>			D009			
<b>Waste Code Description:</b>			MERCURY			
<b>Hazardous Waste Code:</b>			D010			
<b>Waste Code Description:</b>			SELENIUM			
<b>Hazardous Waste Code:</b>			D011			
<b>Waste Code Description:</b>			SILVER			
<b>Hazardous Waste Code:</b>			D024			
<b>Waste Code Description:</b>			M-CRESOL			
<b>Hazardous Waste Code:</b>			F003			
<b>Waste Code Description:</b>			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.			

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction</b>	<b>Distance (mi/ft)</b>	<b>Elev/Diff (ft)</b>	<b>Site</b>	<b>DB</b>
<b>Hazardous Waste Code:</b>		U010				
<b>Waste Code Description:</b>		AZIRINO [2',3':3,4]PYRROLO[1,2-A]INDOLE-4,7-DIONE, 6-AMINO-8-[[AMINOCARBONYL]OXY]METHYL]-1,1A, 2,8,8A,8B-HEXAHYDRO-8A-METHOXY-5-METHYL-, [1AS-(1AALPHA, 8BETA, 8AALPHA, 8BALPHA)]- (OR) MITOMYCIN C				
<b>Hazardous Waste Code:</b>		U035				
<b>Waste Code Description:</b>		BENZENE BUTANOIC ACID, 4-[BIS(2-CHLOROETHYL)AMINO]- (OR) CHLORAMBUCIL				
<b>Hazardous Waste Code:</b>		U058				
<b>Waste Code Description:</b>		2H-1,3,2-OXAZAPHOSPHORIN-2-AMINE, N,N-BIS(2-CHLOROETHYL)TETRAHYDRO-, 2-OXIDE (OR) CYCLOPHOSPHAMIDE				
<b>Hazardous Waste Code:</b>		U059				
<b>Waste Code Description:</b>		5,12-NAPHTHACENEDIONE, 8-ACETYL-10-[(3-AMINO-2,3,6-TRIDEOXY)-ALPHA-L-LYXO-HEXOPYRANOSYL] OXY]-7,8,9,10-TETRAHYDRO-6,8,11-TRIHYDROXY-1-METHOXY-, (8S-CIS)- (OR) DAUNOMYCIN				
<b>Hazardous Waste Code:</b>		U123				
<b>Waste Code Description:</b>		FORMIC ACID (C,T)				
<b>Hazardous Waste Code:</b>		U150				
<b>Waste Code Description:</b>		L-PHENYLALANINE, 4-[BIS(2-CHLOROETHYL)AMINO]- (OR) MELPHALAN				

**Owner/Operator Details**

<b>Owner/Operator Ind:</b>	Current Operator	<b>Street No:</b>	
<b>Type:</b>	Private	<b>Street 1:</b>	
<b>Name:</b>	SISTER OF PROVIDENCE	<b>Street 2:</b>	
<b>Date Became Current:</b>	19440201	<b>City:</b>	
<b>Date Ended Current:</b>		<b>State:</b>	
<b>Phone:</b>		<b>Country:</b>	
<b>Source Type:</b>	Annual/Biennial Report update with Notification	<b>Zip Code:</b>	
<b>Owner/Operator Ind:</b>	Current Operator	<b>Street No:</b>	501
<b>Type:</b>	Private	<b>Street 1:</b>	SOUTH BUENA VISTA STREET
<b>Name:</b>	PROVIDENCE HEALTH SYSTEM- SOUTHERN CALIFORNIA DBA PROVIDENCE ST. JOSEPH MEDICAL	<b>Street 2:</b>	
<b>Date Became Current:</b>	19431128	<b>City:</b>	BURBANK
<b>Date Ended Current:</b>		<b>State:</b>	CA
<b>Phone:</b>	818-843-5111	<b>Country:</b>	US
<b>Source Type:</b>	Annual/Biennial Report update with Notification	<b>Zip Code:</b>	91505-4866
<b>Owner/Operator Ind:</b>	Current Owner	<b>Street No:</b>	
<b>Type:</b>	Private	<b>Street 1:</b>	506 2ND AVENUE
<b>Name:</b>	SISTERS OF PROVIDENCE	<b>Street 2:</b>	
<b>Date Became Current:</b>	19440201	<b>City:</b>	SEATTLE
<b>Date Ended Current:</b>		<b>State:</b>	CA
<b>Phone:</b>		<b>Country:</b>	US
<b>Source Type:</b>	Annual/Biennial Report	<b>Zip Code:</b>	98104
<b>Owner/Operator Ind:</b>	Current Owner	<b>Street No:</b>	1801
<b>Type:</b>	Private	<b>Street 1:</b>	LIND AVENUE SW#9016
<b>Name:</b>	SISTERS OF PROVIDENCE	<b>Street 2:</b>	
<b>Date Became Current:</b>	19440201	<b>City:</b>	RENTON
<b>Date Ended Current:</b>		<b>State:</b>	WA
<b>Phone:</b>	425-525-3355	<b>Country:</b>	
<b>Source Type:</b>	Annual/Biennial Report update with Notification	<b>Zip Code:</b>	98057
<b>Owner/Operator Ind:</b>	Current Owner	<b>Street No:</b>	
<b>Type:</b>	Private	<b>Street 1:</b>	NOT REQUIRED
<b>Name:</b>	SISTERS OF PROVIDENCE	<b>Street 2:</b>	
<b>Date Became Current:</b>		<b>City:</b>	NOT REQUIRED
<b>Date Ended Current:</b>		<b>State:</b>	ME
<b>Phone:</b>	415-555-1212	<b>Country:</b>	
<b>Source Type:</b>	Notification	<b>Zip Code:</b>	99999
<b>Owner/Operator Ind:</b>	Current Owner	<b>Street No:</b>	

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction</b>	<b>Distance (mi/ft)</b>	<b>Elev/Diff (ft)</b>	<b>Site</b>	<b>DB</b>
<b>Type:</b>	Private				<b>Street 1:</b> 506 2ND AVENUE	
<b>Name:</b>	SISTERS OF PROVIDENCE				<b>Street 2:</b>	
<b>Date Became Current:</b>	19440201				<b>City:</b> SEATTLE	
<b>Date Ended Current:</b>					<b>State:</b> WA	
<b>Phone:</b>					<b>Country:</b> US	
<b>Source Type:</b>	Annual/Biennial Report				<b>Zip Code:</b> 98104	
<b>Owner/Operator Ind:</b>	Current Owner				<b>Street No:</b> 501	
<b>Type:</b>	Private				<b>Street 1:</b> SOUTH BUENA VISTA STREET	
<b>Name:</b>	PROVIDENCE HEALTH SYSTEMS-SOUTHERN DBA PROVIDENCE ST. JOSEPH MEDICAL				<b>Street 2:</b>	
<b>Date Became Current:</b>	19431128				<b>City:</b> BURBANK	
<b>Date Ended Current:</b>					<b>State:</b> CA	
<b>Phone:</b>	818-843-5111				<b>Country:</b> US	
<b>Source Type:</b>	Annual/Biennial Report update with Notification				<b>Zip Code:</b> 91505-4866	
<b>Owner/Operator Ind:</b>	Current Owner				<b>Street No:</b>	
<b>Type:</b>	Private				<b>Street 1:</b> 506 2ND AVENUE	
<b>Name:</b>	SISTERS OF PROVIDENCE				<b>Street 2:</b>	
<b>Date Became Current:</b>	19440201				<b>City:</b> SEATTLE	
<b>Date Ended Current:</b>					<b>State:</b> WA	
<b>Phone:</b>					<b>Country:</b> US	
<b>Source Type:</b>	Implementer				<b>Zip Code:</b> 98104	
<b>Owner/Operator Ind:</b>	Current Operator				<b>Street No:</b>	
<b>Type:</b>	Private				<b>Street 1:</b>	
<b>Name:</b>	SISTER OF PROVIDENCE				<b>Street 2:</b>	
<b>Date Became Current:</b>	19440201				<b>City:</b>	
<b>Date Ended Current:</b>					<b>State:</b>	
<b>Phone:</b>					<b>Country:</b> US	
<b>Source Type:</b>	Annual/Biennial Report				<b>Zip Code:</b>	
<b>Owner/Operator Ind:</b>	Current Owner				<b>Street No:</b> 1801	
<b>Type:</b>	Private				<b>Street 1:</b> LIND AVE SW #9016	
<b>Name:</b>	SISTERS OF PROVIDENCE				<b>Street 2:</b>	
<b>Date Became Current:</b>	19440201				<b>City:</b> RENTON	
<b>Date Ended Current:</b>					<b>State:</b> WA	
<b>Phone:</b>	425-525-3355				<b>Country:</b>	
<b>Source Type:</b>	Annual/Biennial Report update with Notification				<b>Zip Code:</b> 98057	
<b>Owner/Operator Ind:</b>	Current Operator				<b>Street No:</b>	
<b>Type:</b>	Private				<b>Street 1:</b>	
<b>Name:</b>	SISTERS OF PROVIDENCE				<b>Street 2:</b>	
<b>Date Became Current:</b>	19440201				<b>City:</b>	
<b>Date Ended Current:</b>					<b>State:</b>	
<b>Phone:</b>					<b>Country:</b> US	
<b>Source Type:</b>	Implementer				<b>Zip Code:</b>	
<b>Owner/Operator Ind:</b>	Current Operator				<b>Street No:</b>	
<b>Type:</b>	Private				<b>Street 1:</b>	
<b>Name:</b>	SISTERS OF PROVIDENCE				<b>Street 2:</b>	
<b>Date Became Current:</b>	19440201				<b>City:</b>	
<b>Date Ended Current:</b>					<b>State:</b>	
<b>Phone:</b>					<b>Country:</b> US	
<b>Source Type:</b>	Annual/Biennial Report				<b>Zip Code:</b>	
<b>Owner/Operator Ind:</b>	Current Owner				<b>Street No:</b>	
<b>Type:</b>	Private				<b>Street 1:</b> 506 2ND AVENUE	
<b>Name:</b>	SISTERS OF PROVIDENCE				<b>Street 2:</b>	
<b>Date Became Current:</b>	19440201				<b>City:</b> SEATTLE	
<b>Date Ended Current:</b>					<b>State:</b> CA	
<b>Phone:</b>					<b>Country:</b>	
<b>Source Type:</b>	Annual/Biennial Report update with Notification				<b>Zip Code:</b> 98104	
<b>Owner/Operator Ind:</b>	Current Operator				<b>Street No:</b>	
<b>Type:</b>	Private				<b>Street 1:</b>	
<b>Name:</b>	SISTERS OF PROVIDENCE				<b>Street 2:</b>	
<b>Date Became Current:</b>	19440201				<b>City:</b>	
<b>Date Ended Current:</b>					<b>State:</b>	
<b>Phone:</b>					<b>Country:</b>	
<b>Source Type:</b>	Annual/Biennial Report update with Notification				<b>Zip Code:</b>	



Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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**Handler Name:** ST JOSEPH MEDICAL CENTER  
**Receive Dt:** 19860520  
**Generator Code Description:** Large Quantity Generator  
**Handler Name:** ST JOSEPH MEDICAL CENTER

<u>6</u>	3 of 11	S	0.06 / 293.55	531.02 / -2	501 S BUENA VISTA ST BURBANK CA 91505	LA HMS
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**Site No:** 014486  
**Area:** 3E

**Detail Info**

<b>Permit No:</b>	00005850T	<b>Permit Status Code:</b>	REM
<b>Permit Cat Desc:</b>	Underground Storage Tank	<b>Permit Category:</b>	T
<b>Status Code:</b>	REM	<b>File No:</b>	015081
<b>Status Desc:</b>	Equipment Removed	<b>File Name:</b>	ST JOSEPH MEDICAL CENTER
<b>Permit Status Desc:</b>	Equipment Removed		
<b>Permit Type:</b>	0		
<b>Permit Type Desc:</b>	Underground Storage Tank Operating Permit		

<u>6</u>	4 of 11	S	0.06 / 293.55	531.02 / -2	Providence St Joseph Medical Center 501 S Buena Vista ST Burbank CA 91505	BURBANK CUPA
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**CERS ID:** 10230496  
**Status:** Active  
**Program Element:** HazMat/UST

<u>6</u>	5 of 11	S	0.06 / 293.55	531.02 / -2	Providence St Joseph Medical Center 501 S Buena Vista ST Burbank CA 91505	UST
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**Facility ID:** 00033  
**CERS ID:** 10230496  
**County:** Los Angeles  
**Permitting Agency:** Los Angeles County Fire Department  
**Note:** Information related to facilities can be searched on Geo Tracker Website: <https://geotracker.waterboards.ca.gov/search>  
**Site Facility Type:** PERMITTED UNDERGROUND STORAGE TANK (UST)  
**Source:** Permitted Underground Storage Tank (UST) Data Download

<u>6</u>	6 of 11	S	0.06 / 293.55	531.02 / -2	ST. JOSEPH MEDICAL CTR 501 S BUENA VISTA ST BURBANK CA 91505	EMISSIONS
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**1990 Criteria Data**

<b>Facility ID:</b>	8220	<b>CERR Code:</b>	
<b>Facility SIC Code:</b>	8011	<b>TOGT:</b>	3
<b>CO:</b>	19	<b>ROGT:</b>	1.03784
<b>Air Basin:</b>	SC	<b>COT:</b>	1.4
<b>District:</b>	SC	<b>NOXT:</b>	5
<b>COID:</b>	LA	<b>SOXT:</b>	.1
<b>DISN:</b>	SOUTH COAST AQMD	<b>PMT:</b>	.3
<b>CHAPIS:</b>		<b>PM10T:</b>	.3

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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**1990 Toxic Data**

Facility ID:	8220				COID:	LA
Facility SIC Code:	8011				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:						

**1993 Criteria Data**

Facility ID:	8220				CERR Code:	
Facility SIC Code:	8011				TOGT:	1.8
CO:	19				ROGT:	.2
Air Basin:	SC				COT:	.1
District:	SC				NOXT:	.3
COID:	LA				SOXT:	0
DISN:	SOUTH COAST AQMD				PMT:	0
CHAPIS:					PM10T:	0

**1993 Toxic Data**

Facility ID:	8220				COID:	LA
Facility SIC Code:	8011				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:	8220				CERR Code:	
Facility SIC Code:	8011				TOGT:	1.8
CO:	19				ROGT:	.2
Air Basin:	SC				COT:	.1
District:	SC				NOXT:	.3
COID:	LA				SOXT:	0
DISN:	SOUTH COAST AQMD				PMT:	0
CHAPIS:					PM10T:	0

**1995 Toxic Data**

Facility ID:	8220				COID:	LA
Facility SIC Code:	8011				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:						

**1996 Criteria Data**

Facility ID:	8220				CERR Code:	
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Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Facility SIC Code:	8011			TOGT:	1.607	
CO:	19			ROGT:	.4586195	
Air Basin:	SC			COT:	1.863	
District:	SC			NOXT:	6.887	
COID:	LA			SOXT:	.106	
DISN:	SOUTH COAST AQMD			PMT:	.42014	
CHAPIS:				PM10T:	.4097344	

**1996 Toxic Data**

Facility ID:	8220			COID:	LA	
Facility SIC Code:	8011			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:	8220			CERR Code:		
Facility SIC Code:	8011			TOGT:	.98021272	
CO:	19			ROGT:	.55630197105	
Air Basin:	SC			COT:	2.161	
District:	SC			NOXT:	1.685	
COID:	LA			SOXT:	.042	
DISN:	SOUTH COAST AQMD			PMT:	.34814	
CHAPIS:				PM10T:	.34766	

**1997 Toxic Data**

Facility ID:	8220			COID:	LA	
Facility SIC Code:	8011			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:	8220			CERR Code:		
Facility SIC Code:	8011			TOGT:	1.05521722	
CO:	19			ROGT:	.6029678415	
Air Basin:	SC			COT:	2.161	
District:	SC			NOXT:	1.685	
COID:	LA			SOXT:	.042	
DISN:	SOUTH COAST AQMD			PMT:	.34814	
CHAPIS:				PM10T:	.34766	

**1998 Toxic Data**

Facility ID:	8220			COID:	LA	
Facility SIC Code:	8011			DISN:	SOUTH COAST AQMD	
CO:	19			CHAPIS:		
Air Basin:	SC			CERR Code:		
District:	SC					
TS:						
Health Risk Asmt:						

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Non-Cancer Chronic Haz Ind:  
Non-Cancer Acute Haz Ind:

1999 Criteria Data

Facility ID:	8220	CERR Code:	
Facility SIC Code:	8011	TOGT:	.98021272
CO:	19	ROGT:	.55630197105
Air Basin:	SC	COT:	2.161
District:	SC	NOXT:	1.685
COID:	LA	SOXT:	.042
DISN:	SOUTH COAST AQMD	PMT:	.34814
CHAPIS:		PM10T:	.34766

1999 Toxic Data

Facility ID:	8220	COID:	LA
Facility SIC Code:	8011	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:	8220	CERR Code:	
Facility SIC Code:	8011	TOGT:	.98021272
CO:	19	ROGT:	.55
Air Basin:	SC	COT:	2.161
District:	SC	NOXT:	1.685
COID:	LA	SOXT:	.042
DISN:	SOUTH COAST AQMD	PMT:	.34814
CHAPIS:		PM10T:	.35

2000 Toxic Data

Facility ID:	8220	COID:	LA
Facility SIC Code:	8011	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:	8220	CERR Code:	
Facility SIC Code:	8011	TOGT:	1.17
CO:	19	ROGT:	.58
Air Basin:	SC	COT:	4.9
District:	SC	NOXT:	6.09
COID:	LA	SOXT:	.03
DISN:	SOUTH COAST AQMD	PMT:	.47
CHAPIS:		PM10T:	.47

2001 Toxic Data

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Facility ID:	8220				COID:	LA
Facility SIC Code:	8011				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:	8220				CERR Code:	
Facility SIC Code:	8011				TOGT:	1.1115046
CO:	19				ROGT:	.7331321568
Air Basin:	SC				COT:	4.265
District:	SC				NOXT:	5.81
COID:	LA				SOXT:	.0439
DISN:	SOUTH COAST AQMD				PMT:	.4367
CHAPIS:					PM10T:	.4350032

**2002 Toxic Data**

Facility ID:	8220				COID:	LA
Facility SIC Code:	8011				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:	8220				CERR Code:	
Facility SIC Code:	8011				TOGT:	1.1070046
CO:	19				ROGT:	.74
Air Basin:	SC				COT:	4.265
District:	SC				NOXT:	5.81
COID:	LA				SOXT:	.0439
DISN:	SOUTH COAST AQMD				PMT:	.4367
CHAPIS:					PM10T:	.44

**2003 Toxic Data**

Facility ID:	8220				COID:	LA
Facility SIC Code:	8011				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:	8220				CERR Code:	
Facility SIC Code:	8011				TOGT:	5.312125
CO:	19				ROGT:	2.30925661
Air Basin:	SC				COT:	.4383
District:	SC				NOXT:	.452

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
<b>COID:</b>	LA			<b>SOXT:</b>	.0074	
<b>DISN:</b>	SOUTH COAST AQMD			<b>PMT:</b>	.0558	
<b>CHAPIS:</b>				<b>PM10T:</b>	.0552624	

**2004 Toxic Data**

<b>Facility ID:</b>	8220	<b>COID:</b>	LA
<b>Facility SIC Code:</b>	8011	<b>DISN:</b>	SOUTH COAST AQMD
<b>CO:</b>	19	<b>CHAPIS:</b>	
<b>Air Basin:</b>	SC	<b>CERR Code:</b>	
<b>District:</b>	SC		
<b>TS:</b>			
<b>Health Risk Asmt:</b>			
<b>Non-Cancer Chronic Haz Ind:</b>			
<b>Non-Cancer Acute Haz Ind:</b>			

**2005 Criteria Data**

<b>Facility ID:</b>	8220	<b>CERR Code:</b>	
<b>Facility SIC Code:</b>	8011	<b>TOGT:</b>	7.5277429553188126235915493768297496618
<b>CO:</b>	19	<b>ROGT:</b>	4.869
<b>Air Basin:</b>	SC	<b>COT:</b>	3.82
<b>District:</b>	SC	<b>NOXT:</b>	1.804
<b>COID:</b>	LA	<b>SOXT:</b>	.033
<b>DISN:</b>	SOUTH COAST AQMD	<b>PMT:</b>	.367
<b>CHAPIS:</b>		<b>PM10T:</b>	.367

**2005 Toxic Data**

<b>Facility ID:</b>	8220	<b>COID:</b>	LA
<b>Facility SIC Code:</b>	8011	<b>DISN:</b>	SOUTH COAST AQMD
<b>CO:</b>	19	<b>CHAPIS:</b>	
<b>Air Basin:</b>	SC	<b>CERR Code:</b>	
<b>District:</b>	SC		
<b>TS:</b>			
<b>Health Risk Asmt:</b>			
<b>Non-Cancer Chronic Haz Ind:</b>			
<b>Non-Cancer Acute Haz Ind:</b>			

**2006 Criteria Data**

<b>Facility ID:</b>	8220	<b>CERR Code:</b>	
<b>Facility SIC Code:</b>	8011	<b>TOGT:</b>	7.3124930796327904209775747393725910306
<b>CO:</b>	19	<b>ROGT:</b>	4.97
<b>Air Basin:</b>	SC	<b>COT:</b>	3.792
<b>District:</b>	SC	<b>NOXT:</b>	2.165
<b>COID:</b>	LA	<b>SOXT:</b>	.041
<b>DISN:</b>	SOUTH COAST AQMD	<b>PMT:</b>	.398
<b>CHAPIS:</b>		<b>PM10T:</b>	.398

**2006 Toxic Data**

<b>Facility ID:</b>	8220	<b>COID:</b>	LA
<b>Facility SIC Code:</b>	8011	<b>DISN:</b>	SOUTH COAST AQMD
<b>CO:</b>	19	<b>CHAPIS:</b>	
<b>Air Basin:</b>	SC	<b>CERR Code:</b>	
<b>District:</b>	SC		
<b>TS:</b>			
<b>Health Risk Asmt:</b>			
<b>Non-Cancer Chronic Haz Ind:</b>			
<b>Non-Cancer Acute Haz Ind:</b>			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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**2007 Criteria Data**

Facility ID:	8220				<b>CERR Code:</b>	
Facility SIC Code:	8011				<b>TOGT:</b>	5.79720243642687394406107581340256742871
CO:	19				<b>ROGT:</b>	4.97
Air Basin:	SC				<b>COT:</b>	3.792
District:	SC				<b>NOXT:</b>	2.165
COID:	LA				<b>SOXT:</b>	.041
DISN:	SOUTH COAST AQMD				<b>PMT:</b>	.398
CHAPIS:					<b>PM10T:</b>	.398

**2007 Toxic Data**

Facility ID:	8220				<b>COID:</b>	LA
Facility SIC Code:	8011				<b>DISN:</b>	SOUTH COAST AQMD
CO:	19				<b>CHAPIS:</b>	
Air Basin:	SC				<b>CERR Code:</b>	
District:	SC					
TS:						
Health Risk Asmt:						
Non-Cancer Chronic Haz Ind:						
Non-Cancer Acute Haz Ind:						

**2008 Criteria Data**

Facility ID:	8220				<b>CERR Code:</b>	
Facility SIC Code:	5947				<b>TOGT:</b>	8.50944177585556588011146168801656607511
CO:	19				<b>ROGT:</b>	5.02926
Air Basin:	SC				<b>COT:</b>	3.90456
District:	SC				<b>NOXT:</b>	2.3712
COID:	LA				<b>SOXT:</b>	.04476
DISN:	SOUTH COAST AQMD				<b>PMT:</b>	.41758
CHAPIS:					<b>PM10T:</b>	.41758

**2008 Toxic Data**

Facility ID:	8220				<b>COID:</b>	LA
Facility SIC Code:	5947				<b>DISN:</b>	SOUTH COAST AQMD
CO:	19				<b>CHAPIS:</b>	
Air Basin:	SC				<b>CERR Code:</b>	
District:	SC					
TS:						
Health Risk Asmt:						
Non-Cancer Chronic Haz Ind:						
Non-Cancer Acute Haz Ind:						

**2009 Criteria Data**

Facility ID:	8220				<b>CERR Code:</b>	
Facility SIC Code:	5947				<b>TOGT:</b>	7.29434898641663921543280349852282846055
CO:	19				<b>ROGT:</b>	4.0508502
Air Basin:	SC				<b>COT:</b>	3.5948
District:	SC				<b>NOXT:</b>	1.84
COID:	LA				<b>SOXT:</b>	.034308
DISN:	SOUTH COAST AQMD				<b>PMT:</b>	.32368
CHAPIS:					<b>PM10T:</b>	.32335168

**2009 Toxic Data**

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Facility ID:	8220				COID:	LA
Facility SIC Code:	5947				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:	8220				COID:	LA
Facility SIC Code:	5947				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:	8220				CERR Code:	
Facility SIC Code:	5947				TOGT:	13.11076784859562317601706562478812622888
CO:	19				ROGT:	9.85831
Air Basin:	SC				COT:	4.02663
District:	SC				NOXT:	1.55848
COID:	LA				SOXT:	.03324
DISN:	SOUTH COAST AQMD				PMT:	.38141
CHAPIS:					PM10T:	.38084336

**2011 Toxic Data**

Facility ID:	8220				COID:	LA
Facility SIC Code:	5947				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:						

<u>6</u>	7 of 11	S	0.06 / 293.55	531.02 / -2	PROVIDENCE ST JOSEPH MED CTR 501 S BUENA VISTA ST BURBANK CA 91505	EMISSIONS
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**2012 Criteria Data**

Facility ID:	8220				CERR Code:	
Facility SIC Code:	5947				TOGT:	12.68111675723089906971758635691813369164
CO:	19				ROGT:	9.47235
Air Basin:	SC				COT:	3.83479
District:	SC				NOXT:	1.45257
COID:	LA				SOXT:	.02707
DISN:	SOUTH COAST AQMD				PMT:	.36149
CHAPIS:					PM10T:	.36100856

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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**2012 Toxic Data**

Facility ID:	8220				COID:	LA
Facility SIC Code:	5947				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:						

**2013 Criteria Data**

Facility ID:	8220				CERR Code:	
Facility SIC Code:	8011				TOGT:	12.0938244600460720406961406101031845803
CO:	19				ROGT:	8.98865
Air Basin:	SC				COT:	3.83094
District:	SC				NOXT:	1.53928
COID:	LA				SOXT:	.02694
DISN:	SOUTH COAST AQMD				PMT:	.36602
CHAPIS:					PM10T:	.3653768

**2013 Toxic Data**

Facility ID:	8220				COID:	LA
Facility SIC Code:	8011				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:						

**2014 Criteria Data**

Facility ID:	8220				CERR Code:	
Facility SIC Code:	8011				TOGT:	31.08060735563954130735042024382479157265
CO:	19				ROGT:	15.63094
Air Basin:	SC				COT:	3.56253
District:	SC				NOXT:	2.4192
COID:	LA				SOXT:	.02501
DISN:	SOUTH COAST AQMD				PMT:	2.79228
CHAPIS:					PM10T:	2.05264464

**2014 Toxic Data**

Facility ID:	8220				COID:	LA
Facility SIC Code:	8011				DISN:	SOUTH COAST AQMD
CO:	19				CHAPIS:	
Air Basin:	SC				CERR Code:	
District:	SC					
TS:						
Health Risk Asmt:						
Non-Cancer Chronic Haz Ind:						
Non-Cancer Acute Haz Ind:						

**2015 Criteria Data**

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Facility ID:	8220				<b>CERR Code:</b>	
Facility SIC Code:	8011				<b>TOGT:</b>	24.49564950214480364709143915462744948295
CO:	19				<b>ROGT:</b>	12.40215805
Air Basin:	SC				<b>COT:</b>	3.72894723
District:	SC				<b>NOXT:</b>	2.95762772
COID:	LA				<b>SOXT:</b>	.0256551
DISN:	SOUTH COAST AQMD				<b>PMT:</b>	2.832949
CHAPIS:					<b>PM10T:</b>	2.09246536

**2015 Toxic Data**

Facility ID:	8220				<b>COID:</b>	LA
Facility SIC Code:	8011				<b>DISN:</b>	SOUTH COAST AQMD
CO:	19				<b>CHAPIS:</b>	
Air Basin:	SC				<b>CERR Code:</b>	
District:	SC					
TS:						
Health Risk Asmt:						
Non-Cancer Chronic Haz Ind:						
Non-Cancer Acute Haz Ind:						

**2016 Criteria Data**

Facility ID:	8220				<b>CERR CODE:</b>	
Facility SIC Code:	8011				<b>TOGT:</b>	21.69761860401641887053950590198611214982
CO:	19				<b>ROGT:</b>	10.91614
Air Basin:	SC				<b>COT:</b>	3.95918
District:	SC				<b>NOXT:</b>	2.89
COID:	LA				<b>SOXT:</b>	.0202959
DISN:	SOUTH COAST AQMD				<b>PMT:</b>	2.83442
CHAPIS:					<b>PM10T:</b>	2.09535392

**2016 Toxic Data**

Facility ID:	8220				<b>TS:</b>	
Facility SIC Code:	8011				<b>HRA:</b>	
CERR CODE:					<b>CH Index:</b>	
COID:	LA				<b>AH Index:</b>	
CO:	19				<b>Air Basin:</b>	SC
DISN:	SOUTH COAST AQMD				<b>District:</b>	SC
CHAPIS:						

**2017 Criteria Data**

Facility ID:	8220				<b>CERR Code:</b>	
Facility SIC Code:	8011				<b>TOGT:</b>	20.23069974963188136694982673513963202372
CO:	19				<b>ROGT:</b>	10.16295
Air Basin:	SC				<b>COT:</b>	3.87519
District:	SC				<b>NOXT:</b>	2.42
COID:	LA				<b>SOXT:</b>	.0200725
DISN:	SOUTH COAST AQMD				<b>PMT:</b>	2.80157
CHAPIS:					<b>PM10T:</b>	2.06329232

**2017 Toxic Data**

Facility ID:	8220				<b>COID:</b>	LA
Facility SIC Code:	8011				<b>DISN:</b>	SOUTH COAST AQMD
CO:	19				<b>CHAPIS:</b>	
Air Basin:	SC				<b>CERR Code:</b>	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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District: SC  
 TS:  
 Health Risk Asmt:  
 Non-Cancer Chronic Haz Ind:  
 Non-Cancer Acute Haz Ind:

**2018 Criteria Data**

Facility ID:	8220	CERR Code:	
Facility SIC Code:	8011	TOGT:	17.98632058447432975521494806799004853947
CO:	19	ROGT:	9.0280785
Air Basin:	SC	COT:	3.89634
District:	SC	NOXT:	2.395765
COID:	LA	SOXT:	.0277221
DISN:	SOUTH COAST AQMD	PMT:	2.822123
CHAPIS:		PM10T:	2.08273079

**2018 Toxic Data**

Facility ID:	8220	COID:	LA
Facility SIC Code:	8011	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:			

<u>6</u>	8 of 11	S	0.06 / 293.55	531.02 / -2	ST. JOSEPHS HOSP & MEDICAL CTR 501 S. BUENA VISTA AVE. BURBANK CA 91503	EMISSIONS
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**1987 Criteria Data**

Facility ID:	8220	CERR Code:	
Facility SIC Code:	8062	TOGT:	3.5
CO:	19	ROGT:	1.01352
Air Basin:	SC	COT:	.1
District:	SC	NOXT:	7.1
COID:	LA	SOXT:	0
DISN:	SOUTH COAST AQMD	PMT:	.6
CHAPIS:		PM10T:	.6

**1987 Toxic Data**

Facility ID:	8220	COID:	LA
Facility SIC Code:	8062	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:			

<u>6</u>	9 of 11	S	0.06 / 293.55	531.02 / -2	Providence St Joseph Medical Center 501 S BUENA VISTA ST	CERS TANK
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Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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**BURBANK CA 91505**

<b>Site ID:</b>	399988	<b>Latitude:</b>	34.156006
<b>County:</b>	Los Angeles County	<b>Longitude:</b>	-118.328346

**Regulated Programs**

<b>EI ID:</b>	10230496
<b>EI Description:</b>	Underground Storage Tank

<b>EI ID:</b>	10230496
<b>EI Description:</b>	Chemical Storage Facilities

<b>EI ID:</b>	10230496
<b>EI Description:</b>	Hazardous Waste Generator

**Violations**

<b>Violation Date:</b>	08/03/2017	<b>Violation Source:</b>	CERS
<b>Violation Program:</b>	HWLQG	<b>Violation Division:</b>	Los Angeles County Fire Department
<b>Citation:</b>	22 CCR 15 66262.41 - California Code of Regulations, Title 22, Chapter 15, Section(s) 66262.41		
<b>Violation Notes:</b>			

Returned to compliance on 08/29/2017. OBSERVATION: The 2015 Biennial report was not prepared and submitted to DTSC. A generator who ships any hazardous waste offsite to a TSDF within the United States shall prepare and submit a Biennial Report, U.S. EPA Form 8700, to the DTSC by March 1 of each even-numbered year, and shall cover generator activities during the previous calendar year. CORRECTIVE ACTION: Immediately prepare a report for the 2015 calendar year and submit it to the DTSC. Ensure that this report is done in a timely manner.

**Violation Description:**

Failure of a large quantity RCRA generator to prepare the Biennial report (Form 8700), and submit to DTSC by March 1st on even numbered years ; and maintain it onsite for three years.

**Violations**

<b>Violation Date:</b>	05/08/2015	<b>Violation Source:</b>	CERS
<b>Violation Program:</b>	UST	<b>Violation Division:</b>	Burbank Fire Department
<b>Citation:</b>	HSC 6.7 25291 - California Health and Safety Code, Chapter 6.7, Section(s) 25291		
<b>Violation Notes:</b>			

Returned to compliance on 08/24/2015. Secondary Containment Test Was Completed and a Fail was Found in the South Piping Sump, An Ok to Repair has been issued from the Owners and a Permit will be Issued through the Fire Department.

**Violation Description:**

Failure to maintain under-dispenser containment, sumps, and/or other secondary containment in good condition and/or free of debris/liquid.

**Evaluations**

<b>Eval Date:</b>	05/08/2015
<b>Violations Found:</b>	Yes
<b>Eval General Type:</b>	Other/Unknown
<b>Eval Type:</b>	Other, not routine, done by local agency
<b>Eval Division:</b>	Burbank Fire Department
<b>Eval Program:</b>	UST
<b>Eval Source:</b>	CERS
<b>Eval Notes:</b>	

Secondary Containment Test Was Completed and a Fail was Found in the South Piping Sump, An Ok to Repair has been issued from the Owners and a Permit will be Issued through the Fire Department. \*Inspection Type has been changed to Other - Secondary Containment Test not part of Annual Inspection\*; Note: data in [EVAL Notes] field for some records is truncated from the source.

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction</b>	<b>Distance (mi/ft)</b>	<b>Elev/Diff (ft)</b>	<b>Site</b>	<b>DB</b>
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**Eval Date:** 07/16/2015  
**Violations Found:** No  
**Eval General Type:** Compliance Evaluation Inspection  
**Eval Type:** Routine done by local agency  
**Eval Division:** Burbank Fire Department  
**Eval Program:** UST  
**Eval Source:** CERS  
**Eval Notes:**

Annual Inspection completed by Daniel King. Monitoring System Certification Completed By California Hazardous Services, INC. Sensor (L2) was replaced in the Fill Sump Like for Like.; Note: data in [EVAL Notes] field for some records is truncated from the source.

**Eval Date:** 07/13/2017  
**Violations Found:** No  
**Eval General Type:** Compliance Evaluation Inspection  
**Eval Type:** Routine done by local agency  
**Eval Division:** Burbank Fire Department  
**Eval Program:** UST  
**Eval Source:** CERS  
**Eval Notes:**

Annual Inspection Completed By Daniel King.; Note: data in [EVAL Notes] field for some records is truncated from the source.

**Eval Date:** 07/31/2014  
**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:** HWLQG  
**Eval Source:** CERS  
**Eval Notes:**

Awaiting HW disposal records for review since R.P. out on day of insp.; Note: data in [EVAL Notes] field for some records is truncated from the source.

**Eval Date:** 08/27/2014  
**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:** HWLQG  
**Eval Source:** CERS  
**Eval Notes:**

Connie Lackey granted consent to inspect; Note: data in [EVAL Notes] field for some records is truncated from the source.

**Eval Date:** 07/03/2019  
**Violations Found:** No  
**Eval General Type:** Compliance Evaluation Inspection  
**Eval Type:** Routine done by local agency  
**Eval Division:** Burbank Fire Department  
**Eval Program:** UST  
**Eval Source:** CERS  
**Eval Notes:**

Annual Inspection Completed by Daniel King.; Note: data in [EVAL Notes] field for some records is truncated from the source.

**Eval Date:** 07/25/2013  
**Violations Found:** No  
**Eval General Type:** Compliance Evaluation Inspection  
**Eval Type:** Routine done by local agency  
**Eval Division:** Burbank Fire Department  
**Eval Program:** UST  
**Eval Source:** CERS  
**Eval Notes:**

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction</b>	<b>Distance (mi/ft)</b>	<b>Elev/Diff (ft)</b>	<b>Site</b>	<b>DB</b>
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INSPECTED BY DIRK DROSSEL NO VIOLATIONS; Note: data in [EVAL Notes] field for some records is truncated from the source.

**Eval Date:** 08/03/2017  
**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:** HWLQG  
**Eval Source:** CERS  
**Eval Notes:**

Yvonne Gaffney ; Note: data in [EVAL Notes] field for some records is truncated from the source.

**Eval Date:** 08/20/2016  
**Violations Found:** No  
**Eval General Type:** Compliance Evaluation Inspection  
**Eval Type:** Routine done by local agency  
**Eval Division:** Burbank Fire Department  
**Eval Program:** UST  
**Eval Source:** CERS  
**Eval Notes:**

Annual Inspection Completed By Daniel King Monitoring System Certification Completed By California Hazardous Services.; Note: data in [EVAL Notes] field for some records is truncated from the source.

**Eval Date:** 08/29/2017  
**Violations Found:** No  
**Eval General Type:** Other/Unknown  
**Eval Type:** Other, not routine, done by local agency  
**Eval Division:** Los Angeles County Fire Department  
**Eval Program:** HWLQG  
**Eval Source:** CERS  
**Eval Notes:**

**Eval Date:** 11/07/2018  
**Violations Found:** No  
**Eval General Type:** Compliance Evaluation Inspection  
**Eval Type:** Routine done by local agency  
**Eval Division:** Burbank Fire Department  
**Eval Program:** UST  
**Eval Source:** CERS  
**Eval Notes:**

Annual monitoring certification inspection completed.; Note: data in [EVAL Notes] field for some records is truncated from the source.

**Eval Date:** 06/21/2018  
**Violations Found:** No  
**Eval General Type:** Compliance Evaluation Inspection  
**Eval Type:** Routine done by local agency  
**Eval Division:** Burbank Fire Department  
**Eval Program:** HMRRP  
**Eval Source:** CERS  
**Eval Notes:**

Hazardous materials inspection completed. No HMRRP violations noted.; Note: data in [EVAL Notes] field for some records is truncated from the source.

**Eval Date:** 08/14/2020  
**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

<i>Map Key</i>	<i>Number of Records</i>	<i>Direction</i>	<i>Distance (mi/ft)</i>	<i>Elev/Diff (ft)</i>	<i>Site</i>	<i>DB</i>
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**Eval Notes:**

Sondi Adams; Note: data in [EVAL Notes] field for some records is truncated from the source.

**Eval Date:** 08/14/2020  
**Violations Found:** No  
**Eval General Type:** Compliance Evaluation Inspection  
**Eval Type:** Routine done by local agency  
**Eval Division:** Burbank Fire Department  
**Eval Program:** UST  
**Eval Source:** CERS  
**Eval Notes:**

Visual inspection of sumps and monitoring system as follow-up to prior annual monitoring certification. No UST violations noted. Inspection completed by Inspector J Sorowice.; Note: data in [EVAL Notes] field for some records is truncated from the source.

**Eval Date:** 03/18/2015  
**Violations Found:** No  
**Eval General Type:** Compliance Evaluation Inspection  
**Eval Type:** Routine done by local agency  
**Eval Division:** Burbank Fire Department  
**Eval Program:** HMRRP  
**Eval Source:** CERS  
**Eval Notes:**

Inspection by K. Kacmar and J. Martinez. No HMRRP violations.; Note: data in [EVAL Notes] field for some records is truncated from the source.

**Affiliations**

**Affil Type Desc:** UST Tank Owner  
**Entity Name:** Ian Watts  
**Entity Title:**  
**Address:** 501 S. Buena Vista St  
**City:** Burbank  
**State:** CA  
**Country:** United States  
**Zip Code:** 91505  
**Phone:** (818) 847-3000

**Affil Type Desc:** Operator  
**Entity Name:** Ian Watts and Carol Granados  
**Entity Title:**  
**Address:**  
**City:**  
**State:**  
**Country:**  
**Zip Code:**  
**Phone:** (818) 847-4205

**Affil Type Desc:** UST Property Owner Name  
**Entity Name:** Ian Watts  
**Entity Title:**  
**Address:** 501 S. Buena Vista St  
**City:** Burbank  
**State:** CA  
**Country:** United States  
**Zip Code:** 91505  
**Phone:** (818) 847-3000

**Affil Type Desc:** Parent Corporation  
**Entity Name:** Providence St Joseph Medical Center  
**Entity Title:**  
**Address:**  
**City:**  
**State:**

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction</b>	<b>Distance (mi/ft)</b>	<b>Elev/Diff (ft)</b>	<b>Site</b>	<b>DB</b>
<b>Country:</b>						
<b>Zip Code:</b>						
<b>Phone:</b>						
<b>Affil Type Desc:</b>		UST Tank Operator				
<b>Entity Name:</b>		Tim Hamm				
<b>Entity Title:</b>						
<b>Address:</b>		3132 W. Adams Street				
<b>City:</b>		Santa Ana				
<b>State:</b>		CA				
<b>Country:</b>		United States				
<b>Zip Code:</b>		92704				
<b>Phone:</b>		(714) 434-9995				
<b>Affil Type Desc:</b>		Identification Signer				
<b>Entity Name:</b>		Ian Watts				
<b>Entity Title:</b>		Director of Facilities				
<b>Address:</b>						
<b>City:</b>						
<b>State:</b>						
<b>Country:</b>						
<b>Zip Code:</b>						
<b>Phone:</b>						
<b>Affil Type Desc:</b>		UST Permit Applicant				
<b>Entity Name:</b>		Elsa Hurtado				
<b>Entity Title:</b>		Plant Operations Manager				
<b>Address:</b>						
<b>City:</b>						
<b>State:</b>						
<b>Country:</b>						
<b>Zip Code:</b>						
<b>Phone:</b>		(818) 847-3008				
<b>Affil Type Desc:</b>		Property Owner				
<b>Entity Name:</b>		Sisters of Providence				
<b>Entity Title:</b>						
<b>Address:</b>		1801 Lind Avenue, Suite 9016				
<b>City:</b>		Renton				
<b>State:</b>		WA				
<b>Country:</b>		United States				
<b>Zip Code:</b>		98057				
<b>Phone:</b>		(425) 525-3698				
<b>Affil Type Desc:</b>		Legal Owner				
<b>Entity Name:</b>		Providence St Joseph Medical Center				
<b>Entity Title:</b>						
<b>Address:</b>		501 S Buena Vista ST				
<b>City:</b>		BURBANK				
<b>State:</b>		CA				
<b>Country:</b>		United States				
<b>Zip Code:</b>		91505				
<b>Phone:</b>		(818) 847-4205				
<b>Affil Type Desc:</b>		CUPA District				
<b>Entity Name:</b>		Los Angeles County Fire				
<b>Entity Title:</b>						
<b>Address:</b>		5825 Rickenbacker Road				
<b>City:</b>		Commerce				
<b>State:</b>		CA				
<b>Country:</b>						
<b>Zip Code:</b>		90040-3027				
<b>Phone:</b>		(323) 890-4000				
<b>Affil Type Desc:</b>		Environmental Contact				
<b>Entity Name:</b>		Ian Watts				
<b>Entity Title:</b>						
<b>Address:</b>		501 S Buena Vista Street				
<b>City:</b>		Burbank				

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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**State:** CA  
**Country:**  
**Zip Code:** 91505  
**Phone:**

**Affil Type Desc:** Document Preparer  
**Entity Name:** Elsa Hurtado  
**Entity Title:**  
**Address:**  
**City:**  
**State:**  
**Country:**  
**Zip Code:**  
**Phone:**

**Affil Type Desc:** Facility Mailing Address  
**Entity Name:** Mailing Address  
**Entity Title:**  
**Address:** 501 S Buena Vista ST  
**City:** Burbank  
**State:** CA  
**Country:**  
**Zip Code:** 91505  
**Phone:**

**Coordinates**

<b>Env Int Type Code:</b> HMBP	<b>Longitude:</b> -118.328350
<b>Program ID:</b> 10230496	<b>Coord Name:</b>
<b>Latitude:</b> 34.156010	<b>Ref Point Type Desc:</b> Center of a facility or station.

<u>6</u>	10 of 11	S	0.06 / 293.55	531.02 / -2	PROVIDENCE ST JOSEPH MEDICAL CENTER 501 S BUENA VISTA ST BURBANK CA 91505	LA COUNTY CUPA
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**Facility ID:** FA0006011  
**CERS ID:** 10230496

**Active Facility Details**

**PE:** 1105  
**PE:** 7020  
**PE:** 7024

**Inactive Facility Details**

**PE:** 7020  
**PE:** 7024

<u>6</u>	11 of 11	S	0.06 / 293.55	531.02 / -2	PROVIDENCE ST. JOSEPH MEDICAL CENTER 501 S BUENA VISTA STREET BURBANK CA 91505	RCRA NON GEN
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**EPA Handler ID:** CAC003056623  
**Gen Status Universe:** No Report  
**Contact Name:** ALEX PENA  
**Contact Address:** 501 S BUENA VISTA STREET , , BURBANK , CA, 91505 ,  
**Contact Phone No and Ext:** 760-508-6842  
**Contact Email:** JVASQUEZ@THESTAHLCOMPANIES.COM

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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**Contact Country:**  
**County Name:** LOS ANGELES  
**EPA Region:** 09  
**Land Type:**  
**Receive Date:** 20200219

**Violation/Evaluation Summary**

**Note:** NO RECORDS: As of May 2020, 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:** 20200219  
**Handler Name:** PROVIDENCE ST. JOSEPH MEDICAL CENTER  
**Source Type:** Implementer  
**Federal Waste Generator Code:** N  
**Generator Code Description:** Not a Generator, Verified

**Owner/Operator Details**

<b>Owner/Operator Ind:</b> Current Operator	<b>Street No:</b>
<b>Type:</b> Other	<b>Street 1:</b> 501 S BUENA VISTA STREET
<b>Name:</b> ALEX PENA	<b>Street 2:</b>
<b>Date Became Current:</b>	<b>City:</b> BURBANK
<b>Date Ended Current:</b>	<b>State:</b> CA
<b>Phone:</b> 760-508-6842	<b>Country:</b>
<b>Source Type:</b> Implementer	<b>Zip Code:</b> 91505

<b>Owner/Operator Ind:</b> Current Owner	<b>Street No:</b>
<b>Type:</b> Other	<b>Street 1:</b> 501 S BUENA VISTA STREET
<b>Name:</b> MIKE SIWEK	<b>Street 2:</b>
<b>Date Became Current:</b>	<b>City:</b> BURBANK
<b>Date Ended Current:</b>	<b>State:</b> CA
<b>Phone:</b> 414-405-6094	<b>Country:</b>
<b>Source Type:</b> Implementer	<b>Zip Code:</b> 91505

<a href="#">7</a>	1 of 1	SE	0.07 / 361.48	529.85 / -3	THE POINT 2900 W. ALAMEDA AVE. BURBANK CA 91505	DELISTED TNK
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**Delisted Storage Tanks**

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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**Facility ID:** 2900 **Latitude:** 34.157592  
**Permitting Agency:** BURBANK, CITY OF **Longitude:** -118.3292927  
**County:** Los Angeles  
**Original Source:** UST  
**Record Date:** 30-JAN-2017

<a href="#">8</a>	1 of 1	NW	0.08 / 422.13	535.81 / 3	2703 W OLIVE AVE BURBANK CA 91523	LA HMS
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**Site No:** 025920  
**Area:** 3E

**Detail Info**

<b>Permit No:</b>		<b>Permit Status Code:</b>	
<b>Permit Cat Desc:</b>		<b>Permit Category:</b>	
<b>Status Code:</b>	OPEN	<b>File No:</b>	035406
<b>Status Desc:</b>	File Opened, no permit exists	<b>File Name:</b>	HERE COMES THE BRIDE
<b>Permit Status Desc:</b>			
<b>Permit Type:</b>			
<b>Permit Type Desc:</b>			

<a href="#">9</a>	1 of 1	WNW	0.08 / 431.31	536.17 / 3	M S ANIMAL HOSP INC. 2723 W OLIVE AVE BURBANK CA 91505-0000	RCRA NON GEN
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**EPA Handler ID:** CAL00011242  
**Gen Status Universe:** No Report  
**Contact Name:** CONNIE YOUNG  
**Contact Address:** 2723 W OLIVE AVE , , BURBANK , CA, 91505 ,  
**Contact Phone No and Ext:** 818-845-7246  
**Contact Email:** CONNIE.YOUNG@VCA.COM  
**Contact Country:**  
**County Name:** LOS ANGELES  
**EPA Region:** 09  
**Land Type:**  
**Receive Date:** 19930430

**Violation/Evaluation Summary**

**Note:** NO RECORDS: As of May 2020, 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

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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**Hazardous Waste Handler Details**

Sequence No: 1  
 Receive Date: 19930430  
 Handler Name: M S ANIMAL HOSP INC.  
 Source Type: Implementer  
 Federal Waste Generator Code: N  
 Generator Code Description: Not a Generator, Verified

**Owner/Operator Details**

<b>Owner/Operator Ind:</b>	Current Operator	<b>Street No:</b>	
<b>Type:</b>	Other	<b>Street 1:</b>	2723 W OLIVE AVE
<b>Name:</b>	CONNIE YOUNG	<b>Street 2:</b>	
<b>Date Became Current:</b>		<b>City:</b>	BURBANK
<b>Date Ended Current:</b>		<b>State:</b>	CA
<b>Phone:</b>	818-845-7246	<b>Country:</b>	
<b>Source Type:</b>	Implementer	<b>Zip Code:</b>	91505

<b>Owner/Operator Ind:</b>	Current Owner	<b>Street No:</b>	
<b>Type:</b>	Other	<b>Street 1:</b>	12401 W. OLYMPIC BLVD. ATTN: BUSINE
<b>Name:</b>	MS ANIMAL HOSPITAL INC	<b>Street 2:</b>	
<b>Date Became Current:</b>		<b>City:</b>	LOS ANGELES
<b>Date Ended Current:</b>		<b>State:</b>	CA
<b>Phone:</b>	818-845-7246	<b>Country:</b>	
<b>Source Type:</b>	Implementer	<b>Zip Code:</b>	90064

<a href="#">10</a>	1 of 2	<b>NNW</b>	<b>0.08 / 437.48</b>	<b>535.10 / 2</b>	<b>BLUTH VIDEO SYST 2660 WES OLIVE AVE BURBANK CA 91505</b>	<b>RCRA SQG</b>
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**EPA Handler ID:** CAD039668314  
**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

**Violation/Evaluation Summary**

**Note:** NO RECORDS: As of May 2020, 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

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Used Oil Spec Marketer: No

**Hazardous Waste Handler Details**

Sequence No: 1  
 Receive Date: 19840904  
 Handler Name: BLUTH VIDEO SYST  
 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: BLUTH VIDEO SYST  
 Federal Waste Generator Code: 2  
 Generator Code Description: Small Quantity Generator  
 Source Type: Implementer

**Owner/Operator Details**

Owner/Operator Ind:	Current Owner	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

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

**Historical Handler Details**

Receive Dt: 19840904  
 Generator Code Description: Large Quantity Generator  
 Handler Name: BLUTH VIDEO SYST

<a href="#">10</a>	2 of 2	NNW	0.08 / 437.48	535.10 / 2	ALL POST INC 2660 W OLIVE AVE BURBANK CA 91505	LA COUNTY CUPA
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Facility ID: FA0019154  
 CERS ID: 0

**Inactive Facility Details**

PE: 1002

<a href="#">11</a>	1 of 4	SW	0.09 / 462.83	532.47 / 0	The Pointe 2900 W Alameda AVE Burbank CA 91505	BURBANK CUPA
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CERS ID: 10230391  
 Status: Active

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Program Element: HazMat/UST

<a href="#">11</a>	2 of 4	SW	0.09 / 462.83	532.47 / 0	THE POINTE 2900 W ALAMEDA AVE # 100 BURBANK CA 91505	UST
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**Facility ID:** LACoFA0040639  
**CERS ID:** 10230391  
**County:** Los Angeles  
**Permitting Agency:** Los Angeles County Fire Department  
**Note:** Information related to facilities can be searched on Geo Tracker Website: <https://geotracker.waterboards.ca.gov/search>  
**Site Facility Type:** PERMITTED UNDERGROUND STORAGE TANK (UST)  
**Source:** Permitted Underground Storage Tank (UST) Data Download

<a href="#">11</a>	3 of 4	SW	0.09 / 462.83	532.47 / 0	THE POINTE 2900 W ALAMEDA AVE # 100 BURBANK CA 91505	CERS TANK
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**Site ID:** 403964  
**County:** Los Angeles County  
**Latitude:** 34.156420  
**Longitude:** -118.331310

**Regulated Programs**

**EI ID:** 10230391  
**EI Description:** Underground Storage Tank

**EI ID:** 10230391  
**EI Description:** Chemical Storage Facilities

**Evaluations**

**Eval Date:** 03/22/2017  
**Violations Found:** No  
**Eval General Type:** Compliance Evaluation Inspection  
**Eval Type:** Routine done by local agency  
**Eval Division:** Burbank Fire Department  
**Eval Program:** UST  
**Eval Source:** CERS  
**Eval Notes:**

Annual Inspection Completed By Daniel King.; Note: data in [EVAL Notes] field for some records is truncated from the source.

**Eval Date:** 03/14/2014  
**Violations Found:** No  
**Eval General Type:** Compliance Evaluation Inspection  
**Eval Type:** Routine done by local agency  
**Eval Division:** Burbank Fire Department  
**Eval Program:** UST  
**Eval Source:** CERS  
**Eval Notes:**

No Violations.; Note: data in [EVAL Notes] field for some records is truncated from the source.

**Eval Date:** 04/19/2019  
**Violations Found:** No  
**Eval General Type:** Compliance Evaluation Inspection  
**Eval Type:** Routine done by local agency  
**Eval Division:** Burbank Fire Department  
**Eval Program:** UST  
**Eval Source:** CERS

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction</b>	<b>Distance (mi/ft)</b>	<b>Elev/Diff (ft)</b>	<b>Site</b>	<b>DB</b>
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**Eval Notes:**

Annual Inspection Completed By Daniel King.; Note: data in [EVAL Notes] field for some records is truncated from the source.

**Eval Date:** 03/22/2016  
**Violations Found:** No  
**Eval General Type:** Compliance Evaluation Inspection  
**Eval Type:** Routine done by local agency  
**Eval Division:** Burbank Fire Department  
**Eval Program:** UST  
**Eval Source:** CERS  
**Eval Notes:**

Annual Inspection Completed By Daniel King.; Note: data in [EVAL Notes] field for some records is truncated from the source.

**Eval Date:** 04/14/2017  
**Violations Found:** No  
**Eval General Type:** Compliance Evaluation Inspection  
**Eval Type:** Routine done by local agency  
**Eval Division:** Burbank Fire Department  
**Eval Program:** HMRRP  
**Eval Source:** CERS  
**Eval Notes:**

Inspection Complete.; Note: data in [EVAL Notes] field for some records is truncated from the source.

**Eval Date:** 03/23/2018  
**Violations Found:** No  
**Eval General Type:** Compliance Evaluation Inspection  
**Eval Type:** Routine done by local agency  
**Eval Division:** Burbank Fire Department  
**Eval Program:** UST  
**Eval Source:** CERS  
**Eval Notes:**

Annual Inspection Completed By Daniel King.; Note: data in [EVAL Notes] field for some records is truncated from the source.

**Eval Date:** 03/13/2015  
**Violations Found:** No  
**Eval General Type:** Compliance Evaluation Inspection  
**Eval Type:** Routine done by local agency  
**Eval Division:** Burbank Fire Department  
**Eval Program:** UST  
**Eval Source:** CERS  
**Eval Notes:**

Completed Annual UST Inspection No Violations. Monitoring Certification Completed By UST Compliances.; Note: data in [EVAL Notes] field for some records is truncated from the source.

**Affiliations**

**Affil Type Desc:** Environmental Contact  
**Entity Name:** ERICH YEAGER  
**Entity Title:**  
**Address:** 2900 W. Alameda Avenue #100  
**City:** Burbank  
**State:** CA  
**Country:**  
**Zip Code:** 91505  
**Phone:**

**Affil Type Desc:** Identification Signer  
**Entity Name:** Erich Yeager  
**Entity Title:** Chief Engineer

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction</b>	<b>Distance (mi/ft)</b>	<b>Elev/Diff (ft)</b>	<b>Site</b>	<b>DB</b>
<b>Address:</b>						
<b>City:</b>						
<b>State:</b>						
<b>Country:</b>						
<b>Zip Code:</b>						
<b>Phone:</b>						
<b>Affil Type Desc:</b>		Legal Owner				
<b>Entity Name:</b>		CATALINA MEDIA DEVELOPMENT LLC				
<b>Entity Title:</b>						
<b>Address:</b>		2900 W ALAMEDA AVE #100				
<b>City:</b>		BURBANK				
<b>State:</b>		CA				
<b>Country:</b>		United States				
<b>Zip Code:</b>		91505				
<b>Phone:</b>		(818) 333-7000				
<b>Affil Type Desc:</b>		Document Preparer				
<b>Entity Name:</b>		Erich Yeager				
<b>Entity Title:</b>						
<b>Address:</b>						
<b>City:</b>						
<b>State:</b>						
<b>Country:</b>						
<b>Zip Code:</b>						
<b>Phone:</b>						
<b>Affil Type Desc:</b>		UST Property Owner Name				
<b>Entity Name:</b>		Catalina Media Development LLC				
<b>Entity Title:</b>						
<b>Address:</b>		2900 W Alameda Avenue #100				
<b>City:</b>		Burbank				
<b>State:</b>		CA				
<b>Country:</b>		United States				
<b>Zip Code:</b>		91505				
<b>Phone:</b>		(818) 333-7000				
<b>Affil Type Desc:</b>		Facility Mailing Address				
<b>Entity Name:</b>		Mailing Address				
<b>Entity Title:</b>						
<b>Address:</b>		2900 W. Alameda Avenue #100				
<b>City:</b>		Burbank				
<b>State:</b>		CA				
<b>Country:</b>						
<b>Zip Code:</b>		91505				
<b>Phone:</b>						
<b>Affil Type Desc:</b>		CUPA District				
<b>Entity Name:</b>		Los Angeles County Fire				
<b>Entity Title:</b>						
<b>Address:</b>		5825 Rickenbacker Road				
<b>City:</b>		Commerce				
<b>State:</b>		CA				
<b>Country:</b>						
<b>Zip Code:</b>		90040-3027				
<b>Phone:</b>		(323) 890-4000				
<b>Affil Type Desc:</b>		UST Tank Operator				
<b>Entity Name:</b>		Worthe Real Estate Group				
<b>Entity Title:</b>						
<b>Address:</b>		2900 W Alameda Avenue #100				
<b>City:</b>		Burbank				
<b>State:</b>		CA				
<b>Country:</b>		United States				
<b>Zip Code:</b>		91505				
<b>Phone:</b>		(818) 333-7000				
<b>Affil Type Desc:</b>		Operator				
<b>Entity Name:</b>		Worthe Real Estate Group				

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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**Entity Title:**  
**Address:**  
**City:**  
**State:**  
**Country:**  
**Zip Code:**  
**Phone:** (818) 333-7000

**Affil Type Desc:** UST Tank Owner  
**Entity Name:** CATALINA MEDIA DEVELOPMENT LLC  
**Entity Title:**  
**Address:** 2900 W Alameda Avenue #100  
**City:** Burbank  
**State:** CA  
**Country:** United States  
**Zip Code:** 91505  
**Phone:** (818) 333-7000

**Affil Type Desc:** UST Permit Applicant  
**Entity Name:** Erich Yeager  
**Entity Title:** Building Engineer  
**Address:**  
**City:**  
**State:**  
**Country:**  
**Zip Code:**  
**Phone:** (818) 333-7000

**Affil Type Desc:** Parent Corporation  
**Entity Name:** THE POINTE  
**Entity Title:**  
**Address:**  
**City:**  
**State:**  
**Country:**  
**Zip Code:**  
**Phone:**

**Affil Type Desc:** Property Owner  
**Entity Name:** Catalina Media Development, LLC.  
**Entity Title:**  
**Address:** 2900 W ALAMEDA AVE # 100  
**City:** BURBANK  
**State:** CA  
**Country:** United States  
**Zip Code:** 91505  
**Phone:** (818) 333-7000

[11](#)

4 of 4

SW

0.09 /  
462.83

532.47 /  
0

**THE POINTE**  
**2900 W ALAMEDA AVE 100**  
**BURBANK CA 91505**

**LA**  
**COUNTY CUPA**

**Facility ID:** FA0040639  
**CERS ID:** 10230391

**Active Facility Details**

**PE:** 7020

**PE:** 7024

**Inactive Facility Details**

**PE:** 7020

**PE:** 7024

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
<a href="#">12</a>	1 of 2	E	0.09 / 490.18	529.17 / -4	191 S. BUENA VISTA AVENUE BURBANK CA	HMIRS

Incident County: LOS ANGELES

<a href="#">12</a>	2 of 2	E	0.09 / 490.18	529.17 / -4	191 S. BUENA VISTA AVENUE BURBANK CA	HMIRS
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Incident County: LOS ANGELES

**HMIR Incident Reports**

<b>Report No:</b>	I-2012080359	<b>Fed DOT Agency Nm:</b>	
<b>Report Type:</b>	A hazardous material incident	<b>Fed DOT Report No:</b>	
<b>Date of Incident:</b>	2012-04-18	<b>Report Submit Src:</b>	Paper
<b>Time of Incident:</b>	0900	<b>Inc Multiple Rows:</b>	No
<b>Haz Class Code:</b>		<b>Inc Non US State:</b>	
<b>Hazardous Class:</b>	3	<b>Mode Transport:</b>	Highway
<b>Commodity Short Nm:</b>	DIESEL FUEL	<b>Transport Phase:</b>	In Transit
<b>Commodity Long Nm:</b>	DIESEL FUEL	<b>Incident Occrrnce:</b>	
<b>Trade Name:</b>	ULTRA LOW SULFUR DIESEL	<b>Mat Ship Approval?:</b>	No
<b>ID No:</b>	NA1993	<b>Mat Ship Approv No:</b>	
<b>Haz Waste Ind:</b>	No	<b>Undecl Hazmat Ship?:</b>	No
<b>Haz Waste EPA No:</b>		<b>Packaging Type:</b>	Cargo Tank Motor Vehicle (CTMV)
<b>HMIS Tox Inhalation?:</b>	No	<b>Packing Group:</b>	
<b>TIH Hazard Zone:</b>		<b>Carrier Reporter:</b>	MIKE ROCHE, INC.
<b>Qty Released:</b>	30	<b>CR Street Name:</b>	8445 ATLANTIC AVE
<b>Unit of Measure:</b>	Liquid - Gallon	<b>CR City:</b>	CUDAHY
<b>What Failed:</b>	;	<b>CR State:</b>	CA
<b>What Failed Desc:</b>	;	<b>CR Postal Code:</b>	90201-5887
<b>How Failed Code:</b>	;	<b>CR Non US State:</b>	
<b>How Failed Desc:</b>	;	<b>CR Fed DOT ID:</b>	1912173
<b>Failure Cause Code:</b>	508; 537	<b>CR Hazmat Reg ID:</b>	060412553059U
<b>Failure Cause Desc:</b>	Defective Component or Device; Vehicular Crash or Accident Damage	<b>CR Country:</b>	US
<b>Ident. Markings:</b>	1993	<b>Shipper Name:</b>	MIKE ROCHE, INC.
<b>Cont1 Pkging Type:</b>		<b>Shipper Street Name:</b>	8445 ATLANTIC AVE
<b>Cont1 Const Mat:</b>		<b>Shipper City:</b>	CUDAHY
<b>Cont1 Head Type:</b>		<b>Shipper State:</b>	CA
<b>Cont1 Pkg Capacity:</b>	4000	<b>Shipper Postal:</b>	90201-5887
<b>C1 Capacity UOM:</b>	LGA	<b>Shipper Non US St:</b>	
<b>Cont1 Pkg Amt:</b>	0	<b>Shipper Country:</b>	US
<b>C1 Pkg Amt UOM:</b>		<b>Shipper Waybill:</b>	2983784
<b>Cont1 Pkg No:</b>	0	<b>Ship Hazmat Reg ID:</b>	060412553059U
<b>C1 Pkg NO Failed:</b>	0	<b>Origin City:</b>	CARSON
<b>Cont1 Pkg Mnfctr:</b>	RERSTEN	<b>Origin State:</b>	CALIFORNIA
<b>Cont1 Pkg Mnfc Dt:</b>	1974-11-11 00:00:00	<b>Origin Postal:</b>	90810
<b>Cont1 Pkg Serial NO:</b>	R394	<b>Origin Non US St:</b>	
<b>C1 Pkg Last Test Dt:</b>	0-00-00 00:00:00	<b>Origin Country:</b>	US
<b>C1 Test Const Mat:</b>		<b>Destination City:</b>	WOODLAND HILLS
<b>C1 Pkg Dsign Pres.:</b>	3	<b>Destination State:</b>	CALIFORNIA
<b>C1 Dsign Press UOM:</b>	PSI	<b>Destination Postal:</b>	91367
<b>C1 Pkg Shell Thick:</b>	0.187	<b>Destination Non US:</b>	
<b>C1 Shell Thick UOM:</b>	INCH	<b>Destination Country:</b>	US
<b>C1 Head Thickness:</b>	0	<b>Cont2 Package Type:</b>	
<b>C1 Head Thick UOM:</b>		<b>Cont2 Const Mat:</b>	
<b>C1 Pkg Srvc Pres.:</b>	0	<b>Cont2 Pkg Capacity:</b>	0
<b>C1 Srvc Press UOM:</b>		<b>Cont2 Capacity UOM:</b>	
<b>C1 Valve/Device Fail?:</b>	No	<b>Cont2 Pkg Amount:</b>	0
<b>C1 Device Type:</b>	DRIVE SHAFT	<b>Cont2 Pkg Amt UOM:</b>	
<b>C1 Device Mnfctr:</b>		<b>Cont2 Pkg No:</b>	0
<b>C1 Device Model:</b>		<b>Cont2 Pkg No Failed:</b>	0
<b>NRC No:</b>	1009011		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
<b>RAM Pkg Category:</b>					<b>Haz NonHosp Public:</b>	0
<b>RAM Pkg Cert.:</b>	FALSE				<b>Haz NonHosp Old:</b>	
<b>RAM Pkg Cert. NBR:</b>					<b>Tot Haz Non Hosp Inj:</b>	
<b>RAM Nuclide S:</b>					<b>Total Hazmat Injuries:</b>	0
<b>RAM Transport Index:</b>					<b>Evacuation Indicator:</b>	No
<b>RAM UOM:</b>					<b>Public Evacuated:</b>	0
<b>RAM Activity Rpted:</b>	0				<b>Employees Evac:</b>	0
<b>RAM UOM Rpted:</b>					<b>Total Evacuated:</b>	0
<b>RAM Activity:</b>	0				<b>Total Evacuation Hrs:</b>	0
<b>RAM Activity UOM:</b>					<b>Major Artery Closed:</b>	No
<b>RAM Mat Safety:</b>					<b>Mjr Artery Hrs Closed:</b>	0
<b>Spillage Result:</b>	Yes				<b>Material Involved:</b>	Yes
<b>Fire Result:</b>	No				<b>Estimated Speed:</b>	0
<b>Explosion Result:</b>	No				<b>Weather Conditions:</b>	
<b>Water Sewer Result:</b>	No				<b>Vehicle Overturn:</b>	No
<b>Gas Dispersion:</b>	No				<b>Vehicle Left Roadway:</b>	No
<b>Environment Damage:</b>	No				<b>Passenger Aircraft:</b>	No
<b>No Release Result:</b>	No				<b>Cargo Baggage:</b>	
<b>Fire EMS Report:</b>	No				<b>Ship Non Transport:</b>	No
<b>Fire EMS EMS Report:</b>					<b>Ship Air First Flight:</b>	No
<b>Police Report:</b>	Yes				<b>Ship Air Subflight:</b>	No
<b>Police Report No:</b>	12-3607				<b>Ship Init Transport:</b>	No
<b>In House Cleanup:</b>	No				<b>Ship Phase Transfer:</b>	No
<b>Other Cleanup:</b>	Yes				<b>Contact Name:</b>	FIONA LUCE
<b>Damage &gt; 500:</b>	Yes				<b>Contact Title:</b>	MANAGER
<b>Material Loss:</b>	105				<b>Contact Business:</b>	MIKE ROCHE INC.
<b>Carrier Damage:</b>	0				<b>Contact Street:</b>	8445 SOUTH ATLANTIC AVENUE
<b>Property Damage:</b>	0				<b>Contact City:</b>	CUDAHY
<b>Response Cost:</b>	221				<b>Contact State:</b>	CA
<b>Remediation Cost:</b>	4961				<b>Contact Postal:</b>	90201
<b>Damage Old Form:</b>	0				<b>Contact Non US St:</b>	
<b>Total Damages Amt:</b>	5287				<b>Contact Country:</b>	US
<b>Hazmat Fatality:</b>	No				<b>Inc. Report Prepared:</b>	Carrier
<b>Haz Fatal Employees:</b>	0				<b>HMIS Serious Incidnt:</b>	No
<b>Haz Fatal Respndrs:</b>	0				<b>HMIS Serious Fatality:</b>	No
<b>Haz Fatal Gen Public:</b>	0				<b>HMIS Serious Injury:</b>	No
<b>Tot Hazmat Fatalities:</b>	0				<b>HMIS Flight Plan:</b>	No
<b>Non Hazmat Fatality:</b>	No				<b>HMIS Serious Evacs:</b>	No
<b>Non Hazmat Fatals:</b>	0				<b>HMIS Major Artery:</b>	No
<b>Hazmat Injury:</b>	No				<b>HMIS Bulk Release:</b>	No
<b>Haz Hospital Empl:</b>	0				<b>HMIS Marine Pollutnt:</b>	No
<b>Haz Hospital Resp:</b>	0				<b>HMIS Radioactive:</b>	No
<b>Haz Hosp Gen Public:</b>	0				<b>HMIS Gen Pkg Type:</b>	TANK
<b>Haz Hosp Old Form:</b>	0				<b>HMIS Container Code:</b>	TANK TRK
<b>Total Haz Hosp Inj:</b>	0				<b>HMIS Container Desc:</b>	Tank truck, tank mounted on truck chassis
<b>Haz Non Hosp Empl:</b>	0				<b>HMIS Bulk Incident:</b>	Yes
<b>Haz Non Hosp Resp:</b>	0				<b>Undeclared Shipment:</b>	No
<b>Description of Events:</b>	THE DRIVE SHAFT BROKE WHICH FLIPPED UP AND RUPTURED THE PUMP LINE OF THE TRUCK THE DRIVE SHAFT BROKE UNEXPECTEDLY.					
<b>Recommend Actions Taken:</b>	TOOK TRUCK TO REPAIR FACILITY AND HAD TRUCK REPAIRED.					

<a href="#">13</a>	1 of 2	NE	0.09 / 493.20	530.88 / -2	PROVIDENCE HEALTH SYSTEM- SO CALI DBA PROVIDENCE SAINT JOSEPH MEDICAL 181 S BUENA VISTA BURBANK CA 91505	RCRA NON GEN
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**EPA Handler ID:** CAL000429156  
**Gen Status Universe:** No Report  
**Contact Name:** CARLIE ELWELL  
**Contact Address:** 501 S BUENA VISTA , , BURBANK , CA, 91505 ,  
**Contact Phone No and Ext:** 818-970-6756  
**Contact Email:** CARLIE.ELWELL@PROVIDENCE.ORG  
**Contact Country:**  
**County Name:** LOS ANGELES  
**EPA Region:** 09  
**Land Type:**

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Receive Date: 20170713

**Violation/Evaluation Summary**

**Note:** NO RECORDS: As of May 2020, 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:** 20170713  
**Handler Name:** PROVIDENCE HEALTH SYSTEM-SO CALI DBA PROVIDENCE SAINT JOSEPH MEDICAL  
**Source Type:** Implementer  
**Federal Waste Generator Code:** N  
**Generator Code Description:** Not a Generator, Verified

**Owner/Operator Details**

<b>Owner/Operator Ind:</b> Current Owner	<b>Street No:</b>	
<b>Type:</b> Other	<b>Street 1:</b>	501 S BUENA VISTA
<b>Name:</b> PROVIDENCE HEALTH SYSTEM-SOUTHERN C	<b>Street 2:</b>	
<b>Date Became Current:</b>	<b>City:</b>	BURBANK
<b>Date Ended Current:</b>	<b>State:</b>	CA
<b>Phone:</b> 818-843-5111	<b>Country:</b>	
<b>Source Type:</b> Implementer	<b>Zip Code:</b>	91505

<b>Owner/Operator Ind:</b> Current Operator	<b>Street No:</b>	
<b>Type:</b> Other	<b>Street 1:</b>	501 S BUENA VISTA
<b>Name:</b> CARLIE ELWELL	<b>Street 2:</b>	
<b>Date Became Current:</b>	<b>City:</b>	BURBANK
<b>Date Ended Current:</b>	<b>State:</b>	CA
<b>Phone:</b> 818-970-6756	<b>Country:</b>	
<b>Source Type:</b> Implementer	<b>Zip Code:</b>	91505

<a href="#">13</a>	2 of 2	NE	0.09 / 493.20	530.88 / -2	PROVIDENCE MEDICAL INSTITUTE 181 S BUENA VISA ST 4TH FLOOR BURBANK CA 91505	RCRA NON GEN
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**EPA Handler ID:** CAL000441249  
**Gen Status Universe:** No Report  
**Contact Name:** TEREIA PETROZZI  
**Contact Address:** 181 S BUENA VISA ST 4TH FLOOR , , BURBANK , CA, 91505 ,  
**Contact Phone No and Ext:** 818-847-4431  
**Contact Email:** TERESA.PETROZZI@PROVIDENCE.ORG

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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**Contact Country:**  
**County Name:** LOS ANGELES  
**EPA Region:** 09  
**Land Type:**  
**Receive Date:** 20181128

**Violation/Evaluation Summary**

**Note:** NO RECORDS: As of May 2020, 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:** 20181128  
**Handler Name:** PROVIDENCE MEDICAL INSTITUTE  
**Source Type:** Implementer  
**Federal Waste Generator Code:** N  
**Generator Code Description:** Not a Generator, Verified

**Owner/Operator Details**

<b>Owner/Operator Ind:</b> Current Owner <b>Type:</b> Other <b>Name:</b> PROVIDENCE MEDICAL INSTITUTE <b>Date Became Current:</b> <b>Date Ended Current:</b> <b>Phone:</b> 310-543-7001 <b>Source Type:</b> Implementer	<b>Street No:</b> <b>Street 1:</b> 21311 MADRONA AVE STE 101 <b>Street 2:</b> <b>City:</b> TORRANCE <b>State:</b> CA <b>Country:</b> <b>Zip Code:</b> 90503
<b>Owner/Operator Ind:</b> Current Operator <b>Type:</b> Other <b>Name:</b> TEREA PETROZZI <b>Date Became Current:</b> <b>Date Ended Current:</b> <b>Phone:</b> 818-847-4431 <b>Source Type:</b> Implementer	<b>Street No:</b> <b>Street 1:</b> 181 S BUENA VISA ST 4TH FLOOR <b>Street 2:</b> <b>City:</b> BURBANK <b>State:</b> CA <b>Country:</b> <b>Zip Code:</b> 91505

<a href="#">14</a>	1 of 9	W	0.10 / 510.20	536.06 / 3	FOTO-KEM INDUSTRIES, INC. 2800 W. OLIVE AVE. BURBANK CA 91505	CLEANUP SITES
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<b>Global ID:</b> SL603799016 <b>Status:</b> COMPLETED - CASE CLOSED <b>Status Date:</b> 2/11/2005	<b>Site Facility Type:</b> CLEANUP PROGRAM SITE <b>County:</b> LOS ANGELES <b>Latitude:</b> 34.1574451491563
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Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Longitude: -118.331458899458  
 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: 110.0449 CUF Case: NO  
 Local Case No: Case Worker:  
 Begin Date: 3/27/1987 File Location:  
 Stop Method:  
 Lead Agency: LOS ANGELES RWQCB (REGION 4)  
 Local Agency:  
 Potential COC:  
 Potential Media of Concern: Aquifer used for drinking water supply  
 How Discovered:  
 How Discovered Description:  
 Stop Description:  
 Calwater Watershed Name: Los Angeles River - San Fernando - Bull Canyon (412.21)  
 DWR GW Subbasin Name: San Fernando Valley (4-012)  
 Disadvantaged Community:  
 Site History:

**Cleanup Sites from GeoTracker Cleanup Sites Data Download - Regulatory Activity**

Action Type: ENFORCEMENT  
 Date : 2000-11-09 00:00:00  
 Action: Staff Letter

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: 2005-02-11 00:00:00

Status: Open - Remediation  
 Status Date: 1995-06-28 00:00:00

Status: Open - Site Assessment  
 Status Date: 1992-08-31 00:00:00

Status: Open - Site Assessment  
 Status Date: 1991-06-17 00:00:00

Status: Open - Site Assessment  
 Status Date: 1987-03-27 00:00:00

Status: Open - Case Begin Date  
 Status Date: 1987-03-27 00:00:00

**Cleanup Program Sites from GeoTracker Search - Regulatory Profile (as of Feb 24, 2020)**

Project Status:	WDR Place Type:
CUF Claim:	WDR File:
CUF Priority Assign:	WDR Order:
CUF Amount Paid:	File Location:
Facility Type:	Composting Method:
User Defined Beneficial Use:	
Designated Beneficial Use:	MUN, AGR, IND, PROC
Designated Beneficial Use Desc:	Municipal and Domestic Supply, Agricultural Supply, Industrial Service Supply, Industrial Process Supply
Project Oversight Agencies:	
Report Link:	<a href="https://geotracker.waterboards.ca.gov/profile_report?global_id=SL603799016">https://geotracker.waterboards.ca.gov/profile_report?global_id=SL603799016</a>

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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**Cleanup Status Detail:** COMPLETED - CASE CLOSED AS OF 2/11/2005  
**Cleanup History Link:** [https://geotracker.waterboards.ca.gov/profile\\_report\\_include?global\\_id=SL603799016&tabname=regulatoryhistory](https://geotracker.waterboards.ca.gov/profile_report_include?global_id=SL603799016&tabname=regulatoryhistory)  
**Potential COC:** SEMI-VOLATILE ORGANIC COMPOUNDS, VOLATILE ORGANIC COMPOUNDS  
**Potential Media of Concern:** AQUIFER USED FOR DRINKING WATER SUPPLY  
**GW Monitoring Freq:**  
**DWR GW Sub Basin:** San Fernando Valley (4-012)  
**Calwater Watershed Name:** Los Angeles River - San Fernando - Bull Canyon (412.21)  
**Post Closure Site Management:**  
**Future Land Use:**  
**Cleanup Oversight Agencies:** LOS ANGELES RWQCB (REGION 4) (LEAD) - CASE #: 110.0449  
**Site History:**

No site history available

**Sites from GeoTracker Search - Regulatory Activities (as of Feb 24, 2020)**

**Action Type:** Other Regulatory Actions  
**Action Date:** 11/9/2000  
**Received Issue Date:** 11/9/2000  
**Action:** Staff Letter  
**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 Feb 24, 2020)**

**Document Type:** Site Documents  
**Document Date:** 11/4/2005  
**Size :** 117 KB  
**Title:** NFA LETTER 021105  
**Title Link:** [https://geotracker.waterboards.ca.gov/site\\_documents/8241978287/FileNum110%2E0449%2Epdf](https://geotracker.waterboards.ca.gov/site_documents/8241978287/FileNum110%2E0449%2Epdf)  
**Type:**

**Submitted:**  
**Submitted By:** ADRIANA RODRIGUEZ (REGULATOR)

**Sites from GeoTracker Search - Cleanup Status History (as of Feb 24, 2020)**

**Status:** Completed - Case Closed  
**Date :** 2/11/2005  
  
**Status:** Open - Remediation  
**Date :** 6/28/1995  
  
**Status:** Open - Site Assessment  
**Date :** 8/31/1992  
  
**Status:** Open - Site Assessment  
**Date :** 6/17/1991  
  
**Status:** Open - Case Begin Date  
**Date :** 3/27/1987  
  
**Status:** Open - Site Assessment  
**Date :** 3/27/1987

[14](#)

2 of 9

W

0.10 /  
510.20

536.06 /  
3

FotoKem Industries Inc  
2800 W Olive AVE  
Burbank CA 91505

BURBANK  
CUPA

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
<b>CERS ID:</b>		10229665				
<b>Status:</b>		Active				
<b>Program Element:</b>		HazMat				

<a href="#">14</a>	3 of 9	W	0.10 / 510.20	536.06 / 3	FOTO-KEM /FOTO TRONICS 2800 W OLIVE AVE BURBANK CA 91505	EMISSIONS
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**1996 Criteria Data**

<b>Facility ID:</b>	2978	<b>CERR Code:</b>	
<b>Facility SIC Code:</b>	7384	<b>TOGT:</b>	27.4
<b>CO:</b>	19	<b>ROGT:</b>	.04223
<b>Air Basin:</b>	SC	<b>COT:</b>	.571
<b>District:</b>	SC	<b>NOXT:</b>	1.906
<b>COID:</b>	LA	<b>SOXT:</b>	.006
<b>DISN:</b>	SOUTH COAST AQMD	<b>PMT:</b>	.158
<b>CHAPIS:</b>		<b>PM10T:</b>	.15568

**1996 Toxic Data**

<b>Facility ID:</b>	2978	<b>COID:</b>	LA
<b>Facility SIC Code:</b>	7384	<b>DISN:</b>	SOUTH COAST AQMD
<b>CO:</b>	19	<b>CHAPIS:</b>	
<b>Air Basin:</b>	SC	<b>CERR Code:</b>	
<b>District:</b>	SC		
<b>TS:</b>			
<b>Health Risk Asmt:</b>			
<b>Non-Cancer Chronic Haz Ind:</b>			
<b>Non-Cancer Acute Haz Ind:</b>			

<a href="#">14</a>	4 of 9	W	0.10 / 510.20	536.06 / 3	FOTO-KEM IND INC 2800 W OLIVE AV BURBANK CA 91505	EMISSIONS
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**1987 Criteria Data**

<b>Facility ID:</b>	2978	<b>CERR Code:</b>	
<b>Facility SIC Code:</b>	7384	<b>TOGT:</b>	6.2
<b>CO:</b>	19	<b>ROGT:</b>	2.54
<b>Air Basin:</b>	SC	<b>COT:</b>	
<b>District:</b>	SC	<b>NOXT:</b>	
<b>COID:</b>	LA	<b>SOXT:</b>	
<b>DISN:</b>	SOUTH COAST AQMD	<b>PMT:</b>	
<b>CHAPIS:</b>		<b>PM10T:</b>	

**1987 Toxic Data**

<b>Facility ID:</b>	2978	<b>COID:</b>	LA
<b>Facility SIC Code:</b>	7384	<b>DISN:</b>	SOUTH COAST AQMD
<b>CO:</b>	19	<b>CHAPIS:</b>	
<b>Air Basin:</b>	SC	<b>CERR Code:</b>	
<b>District:</b>	SC		
<b>TS:</b>			
<b>Health Risk Asmt:</b>			
<b>Non-Cancer Chronic Haz Ind:</b>			
<b>Non-Cancer Acute Haz Ind:</b>			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
<a href="#">14</a>	5 of 9	W	0.10 / 510.20	536.06 / 3	FOTO-KEM / FOTO TRONICS 2800 W OLIVE AV BURBANK CA 91505	EMISSIONS

**1990 Criteria Data**

Facility ID:	2978	CERR Code:	
Facility SIC Code:	7384	TOGT:	33.1
CO:	19	ROGT:	0
Air Basin:	SC	COT:	.2
District:	SC	NOXT:	.7
COID:	LA	SOXT:	0
DISN:	SOUTH COAST AQMD	PMT:	0
CHAPIS:		PM10T:	0

**1990 Toxic Data**

Facility ID:	2978	COID:	LA
Facility SIC Code:	7384	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:			

**1993 Criteria Data**

Facility ID:	2978	CERR Code:	
Facility SIC Code:	7384	TOGT:	31.8
CO:	19	ROGT:	.04223
Air Basin:	SC	COT:	.2
District:	SC	NOXT:	.9
COID:	LA	SOXT:	0
DISN:	SOUTH COAST AQMD	PMT:	.1
CHAPIS:		PM10T:	.1

**1993 Toxic Data**

Facility ID:	2978	COID:	LA
Facility SIC Code:	7384	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:	2978	CERR Code:	
Facility SIC Code:	7384	TOGT:	31.8
CO:	19	ROGT:	.04223
Air Basin:	SC	COT:	.2
District:	SC	NOXT:	.9
COID:	LA	SOXT:	0
DISN:	SOUTH COAST AQMD	PMT:	.1
CHAPIS:		PM10T:	.1

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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**1995 Toxic Data**

Facility ID:	2978				COID:	LA
Facility SIC Code:	7384				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:	2978				CERR Code:	
Facility SIC Code:	7819				TOGT:	18.16
CO:	19				ROGT:	.0540544
Air Basin:	SC				COT:	.271
District:	SC				NOXT:	1.006
COID:	LA				SOXT:	.006
DISN:	SOUTH COAST AQMD				PMT:	.058
CHAPIS:					PM10T:	.058

**1997 Toxic Data**

Facility ID:	2978				COID:	LA
Facility SIC Code:	7819				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:	2978				CERR Code:	
Facility SIC Code:	7819				TOGT:	18.169
CO:	19				ROGT:	.0578551
Air Basin:	SC				COT:	.271
District:	SC				NOXT:	1.006
COID:	LA				SOXT:	.006
DISN:	SOUTH COAST AQMD				PMT:	.058
CHAPIS:					PM10T:	.058

**1998 Toxic Data**

Facility ID:	2978				COID:	LA
Facility SIC Code:	7819				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:	2978				CERR Code:	
Facility SIC Code:	7819				TOGT:	18.16
CO:	19				ROGT:	.0540544

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Air Basin:	SC			COT:	.271	
District:	SC			NOXT:	1.006	
COID:	LA			SOXT:	.006	
DISN:	SOUTH COAST AQMD			PMT:	.058	
CHAPIS:				PM10T:	.058	

**1999 Toxic Data**

Facility ID:	2978			COID:	LA	
Facility SIC Code:	7819			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:	2978			CERR Code:		
Facility SIC Code:	7819			TOGT:	18.16	
CO:	19			ROGT:	.05	
Air Basin:	SC			COT:	.271	
District:	SC			NOXT:	1.006	
COID:	LA			SOXT:	.006	
DISN:	SOUTH COAST AQMD			PMT:	.058	
CHAPIS:				PM10T:	.06	

**2000 Toxic Data**

Facility ID:	2978			COID:	LA	
Facility SIC Code:	7819			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:	2978			CERR Code:		
Facility SIC Code:	7819			TOGT:	.07	
CO:	19			ROGT:	.06	
Air Basin:	SC			COT:	.91	
District:	SC			NOXT:	1.09	
COID:	LA			SOXT:	.01	
DISN:	SOUTH COAST AQMD			PMT:	.08	
CHAPIS:				PM10T:	.08	

**2001 Toxic Data**

Facility ID:	2978			COID:	LA	
Facility SIC Code:	7819			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
<a href="#">14</a>	6 of 9	W	0.10 / 510.20	536.06 / 3	FOTOKEM INDUSTRIES, INC 2800 W OLIVE AVE BURBANK CA 91505	EMISSIONS

**2002 Criteria Data**

Facility ID:	2978	CERR Code:	
Facility SIC Code:	7819	TOGT:	.13601
CO:	19	ROGT:	.057423422
Air Basin:	SC	COT:	.877
District:	SC	NOXT:	1.0465
COID:	LA	SOXT:	.00627
DISN:	SOUTH COAST AQMD	PMT:	.07924
CHAPIS:		PM10T:	.07607

**2002 Toxic Data**

Facility ID:	2978	COID:	LA
Facility SIC Code:	7819	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:	2978	CERR Code:	
Facility SIC Code:	7819	TOGT:	.13616
CO:	19	ROGT:	.04
Air Basin:	SC	COT:	.877
District:	SC	NOXT:	1.0465
COID:	LA	SOXT:	.00627
DISN:	SOUTH COAST AQMD	PMT:	.07924
CHAPIS:		PM10T:	.07

**2003 Toxic Data**

Facility ID:	2978	COID:	LA
Facility SIC Code:	7819	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:	2978	CERR Code:	
Facility SIC Code:	7819	TOGT:	.2986
CO:	19	ROGT:	.12149572
Air Basin:	SC	COT:	.6197
District:	SC	NOXT:	1.7178
COID:	LA	SOXT:	.00828
DISN:	SOUTH COAST AQMD	PMT:	.10399
CHAPIS:		PM10T:	.099839

**2004 Toxic Data**

Facility ID:	2978			COID:	LA
Facility SIC Code:	7819			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:	2978			CERR Code:	
Facility SIC Code:	7819			TOGT:	.
					24553765987683562292752250118427285646
					62
CO:	19			ROGT:	.103
Air Basin:	SC			COT:	.553
District:	SC			NOXT:	1.671
COID:	LA			SOXT:	.007
DISN:	SOUTH COAST AQMD			PMT:	.098
CHAPIS:				PM10T:	.0937

**2005 Toxic Data**

Facility ID:	2978			COID:	LA
Facility SIC Code:	7819			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:	2978			CERR Code:	
Facility SIC Code:	7819			TOGT:	.
					24172311700615821885362387494078635717
					66
CO:	19			ROGT:	.102
Air Basin:	SC			COT:	.614
District:	SC			NOXT:	1.863
COID:	LA			SOXT:	.007
DISN:	SOUTH COAST AQMD			PMT:	.111
CHAPIS:				PM10T:	.1062

**2006 Toxic Data**

Facility ID:	2978			COID:	LA
Facility SIC Code:	7819			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
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**2007 Criteria Data**

Facility ID:	2978				<b>CERR Code:</b>	
Facility SIC Code:	7819				<b>TOGT:</b>	. 24172311700615821885362387494078635717 66
CO:	19				<b>ROGT:</b>	.102
Air Basin:	SC				<b>COT:</b>	.614
District:	SC				<b>NOXT:</b>	1.863
COID:	LA				<b>SOXT:</b>	.007
DISN:	SOUTH COAST AQMD				<b>PMT:</b>	.111
CHAPIS:					<b>PM10T:</b>	.1062

**2007 Toxic Data**

Facility ID:	2978				<b>COID:</b>	LA
Facility SIC Code:	7819				<b>DISN:</b>	SOUTH COAST AQMD
CO:	19				<b>CHAPIS:</b>	
Air Basin:	SC				<b>CERR Code:</b>	
District:	SC					
TS:						
Health Risk Asmt:						
Non-Cancer Chronic Haz Ind:						
Non-Cancer Acute Haz Ind:						

**2008 Criteria Data**

Facility ID:	2978				<b>CERR Code:</b>	
Facility SIC Code:	9999				<b>TOGT:</b>	
CO:	19				<b>ROGT:</b>	
Air Basin:	SC				<b>COT:</b>	
District:	SC				<b>NOXT:</b>	
COID:	LA				<b>SOXT:</b>	
DISN:	SOUTH COAST AQMD				<b>PMT:</b>	
CHAPIS:					<b>PM10T:</b>	

**2008 Toxic Data**

Facility ID:	2978				<b>COID:</b>	LA
Facility SIC Code:	9999				<b>DISN:</b>	SOUTH COAST AQMD
CO:	19				<b>CHAPIS:</b>	
Air Basin:	SC				<b>CERR Code:</b>	
District:	SC					
TS:						
Health Risk Asmt:						
Non-Cancer Chronic Haz Ind:						
Non-Cancer Acute Haz Ind:						

**2009 Criteria Data**

Facility ID:	2978				<b>CERR Code:</b>	
Facility SIC Code:	7822				<b>TOGT:</b>	. 18989924206537186167693036475603979156 81
CO:	19				<b>ROGT:</b>	.08266
Air Basin:	SC				<b>COT:</b>	.46
District:	SC				<b>NOXT:</b>	1.64
COID:	LA				<b>SOXT:</b>	.007968
DISN:	SOUTH COAST AQMD				<b>PMT:</b>	.08252
CHAPIS:					<b>PM10T:</b>	.079027

**2009 Toxic Data**

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Facility ID:	2978				COID:	LA
Facility SIC Code:	7822				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:	2978				COID:	LA
Facility SIC Code:	7819				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:	2978				CERR Code:	
Facility SIC Code:	7819				TOGT:	.
						13526764566556134533396494552344860255
						78
CO:	19				ROGT:	.05711
Air Basin:	SC				COT:	.34507
District:	SC				NOXT:	1.0592
COID:	LA				SOXT:	.00502
DISN:	SOUTH COAST AQMD				PMT:	.06298
CHAPIS:					PM10T:	.06023

**2011 Toxic Data**

Facility ID:	2978				COID:	LA
Facility SIC Code:	7819				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:						

**2012 Criteria Data**

Facility ID:	2978				CERR Code:	
Facility SIC Code:	9999				TOGT:	.
						11608242539081004263382283278067266698
						25
CO:	19				ROGT:	.04901
Air Basin:	SC				COT:	.29592
District:	SC				NOXT:	.90835
COID:	LA				SOXT:	.00426
DISN:	SOUTH COAST AQMD				PMT:	.05402
CHAPIS:					PM10T:	.051661

**2012 Toxic Data**



Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Facility SIC Code:	7819			TOGT:	.	5838469806366918280275680997702658352485
CO:	19			ROGT:	.45451	
Air Basin:	SC			COT:	.15	
District:	SC			NOXT:	.57	
COID:	LA			SOXT:	.003015	
DISN:	SOUTH COAST AQMD			PMT:	.03776	
CHAPIS:				PM10T:	.036043	

**2017 Toxic Data**

Facility ID:	2978	COID:	LA
Facility SIC Code:	7819	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:	2978	CERR Code:	
Facility SIC Code:	7819	TOGT:	.
CO:	19	ROGT:	.41048
Air Basin:	SC	COT:	.18613
District:	SC	NOXT:	.6023
COID:	LA	SOXT:	.002838
DISN:	SOUTH COAST AQMD	PMT:	.035517
CHAPIS:		PM10T:	.035517

**2018 Toxic Data**

Facility ID:	2978	COID:	LA
Facility SIC Code:	7819	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:			

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**14**      7 of 9      **W**      0.10 / 510.20      536.06 / 3      **FOTOKEM FILM & VIDEO**      **CERS HAZ**  
**2800 W OLIVE AVE**  
**BURBANK CA 91505**

Site ID: 393047  
Latitude: 34.157513  
Longitude: -118.331596  
County: Los Angeles County

**Regulated Programs**

El ID:	10229665	El Description:	Hazardous Waste Generator
El ID:	10229665	El Description:	Chemical Storage Facilities

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction</b>	<b>Distance (mi/ft)</b>	<b>Elev/Diff (ft)</b>	<b>Site</b>	<b>DB</b>
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**Violations**

**Violation Date:** 11/14/2019 **Violation Source:** CERS  
**Violation Program:** HW **Violation Division:** Los Angeles County Fire Department  
**Citation:** 22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)  
**Violation Notes:**

Returned to compliance on 12/13/2019. OBSERVATION: 2x1 gal containers of ethyl acetate waste located in the chemistry lab was observed without a hazardous waste label. CORRECTIVE ACTION: Submit a photo to the CUPA demonstrating that the container listed above has been properly labeled.

**Violation Description:**

Failure to properly label hazardous waste accumulation containers and portable tanks with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.

**Evaluations**

**Eval Date:** 10/19/2016  
**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:** HW  
**Eval Source:** CERS  
**Eval Notes:**

Travis Aukes clee@fotokem.com taukes@fotokem.com Please provide copies of last hazardous waste disposal document(s); Note: data in [EVAL Notes] field for some records is truncated from the source.

**Eval Date:** 06/28/2017  
**Violations Found:** No  
**Eval General Type:** Compliance Evaluation Inspection  
**Eval Type:** Routine done by local agency  
**Eval Division:** Burbank Fire Department  
**Eval Program:** HMRRP  
**Eval Source:** CERS  
**Eval Notes:**

Hazardous Materials Inspection Complete. No Violations Found.; Note: data in [EVAL Notes] field for some records is truncated from the source.

**Eval Date:** 11/14/2019  
**Violations Found:** Yes  
**Eval General Type:** Compliance Evaluation Inspection  
**Eval Type:** Routine done by local agency  
**Eval Division:** Los Angeles County Fire Department  
**Eval Program:** HW  
**Eval Source:** CERS  
**Eval Notes:**

Juan Perez; Note: data in [EVAL Notes] field for some records is truncated from the source.

**Affiliations**

**Affil Type Desc:** Identification Signer  
**Entity Name:** W. Chung Lee  
**Entity Title:** Director, Environmental Compliance  
**Address:**  
**City:**  
**State:**  
**Country:**  
**Zip Code:**  
**Phone:**

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction</b>	<b>Distance (mi/ft)</b>	<b>Elev/Diff (ft)</b>	<b>Site</b>	<b>DB</b>
<b>Affil Type Desc:</b>		Parent Corporation				
<b>Entity Name:</b>		FOTOKEM FILM & VIDEO				
<b>Entity Title:</b>						
<b>Address:</b>						
<b>City:</b>						
<b>State:</b>						
<b>Country:</b>						
<b>Zip Code:</b>						
<b>Phone:</b>						
<b>Affil Type Desc:</b>		Property Owner				
<b>Entity Name:</b>		FOTOKEM INDUSTRIES, INC.				
<b>Entity Title:</b>						
<b>Address:</b>		2800 W OLIVE AVE				
<b>City:</b>		BURBANK				
<b>State:</b>		CA				
<b>Country:</b>		United States				
<b>Zip Code:</b>		91505				
<b>Phone:</b>		(818) 846-3101				
<b>Affil Type Desc:</b>		Document Preparer				
<b>Entity Name:</b>		N/A				
<b>Entity Title:</b>						
<b>Address:</b>						
<b>City:</b>						
<b>State:</b>						
<b>Country:</b>						
<b>Zip Code:</b>						
<b>Phone:</b>						
<b>Affil Type Desc:</b>		Environmental Contact				
<b>Entity Name:</b>		W. Chung Lee				
<b>Entity Title:</b>						
<b>Address:</b>		2800 W OLIVE AVE				
<b>City:</b>		BURBANK				
<b>State:</b>		CA				
<b>Country:</b>						
<b>Zip Code:</b>		91505				
<b>Phone:</b>						
<b>Affil Type Desc:</b>		Operator				
<b>Entity Name:</b>		TRAVIS AUKES				
<b>Entity Title:</b>						
<b>Address:</b>						
<b>City:</b>						
<b>State:</b>						
<b>Country:</b>						
<b>Zip Code:</b>						
<b>Phone:</b>		(818) 846-3101				
<b>Affil Type Desc:</b>		CUPA District				
<b>Entity Name:</b>		Los Angeles County Fire				
<b>Entity Title:</b>						
<b>Address:</b>		5825 Rickenbacker Road				
<b>City:</b>		Commerce				
<b>State:</b>		CA				
<b>Country:</b>						
<b>Zip Code:</b>		90040-3027				
<b>Phone:</b>		(323) 890-4000				
<b>Affil Type Desc:</b>		Facility Mailing Address				
<b>Entity Name:</b>		Mailing Address				
<b>Entity Title:</b>						
<b>Address:</b>		2800 W OLIVE AVE				
<b>City:</b>		BURBANK				
<b>State:</b>		CA				
<b>Country:</b>						
<b>Zip Code:</b>		91505				
<b>Phone:</b>						

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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**Affil Type Desc:** Legal Owner  
**Entity Name:** FOTOKEM INDUSTRIES, INC  
**Entity Title:**  
**Address:** 2800 W OLIVE AVE  
**City:** BURBANK  
**State:** CA  
**Country:** United States  
**Zip Code:** 91505  
**Phone:** (818) 846-3101

**Coordinates**

**Env Int Type Code:** HMBP  
**Program ID:** 10229665  
**Latitude:** 34.157510  
**Longitude:** -118.331600  
**Coord Name:**  
**Ref Point Type Desc:** Center of a facility or station.

<a href="#">14</a>	8 of 9	W	0.10 / 510.20	536.06 / 3	FOTOKEM FILM & VIDEO 2800 W OLIVE AVE BURBANK CA 91505	LA COUNTY CUPA
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**Facility ID:** FA0019124  
**CERS ID:** 10229665

**Active Facility Details**

**PE:** 1004  
**PE:** 7020

**Inactive Facility Details**

**PE:** 7020

<a href="#">14</a>	9 of 9	W	0.10 / 510.20	536.06 / 3	FOTO KEM INDUSTRIES, INC 2800 W OLIVE AVE BURBANK CA 91505	RCRA SQG
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**EPA Handler ID:** CAD981447303  
**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

**Violation/Evaluation Summary**

**Note:** NO RECORDS: As of May 2020, 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

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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: 19860227  
 Handler Name: FOTO KEM INDUSTRIES, INC  
 Federal Waste Generator Code: 2  
 Generator Code Description: Small Quantity Generator  
 Source Type: Notification

**Hazardous Waste Handler Details**

Sequence No: 1  
 Receive Date: 19900411  
 Handler Name: FOTO-KEM INDUSTRIES, INC  
 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: 19920224  
 Handler Name: FOTO KEM INDUSTRIES, INC  
 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: 19960901  
 Handler Name: FOTO KEM INDUSTRIES, INC  
 Federal Waste Generator Code: 2  
 Generator Code Description: Small Quantity Generator  
 Source Type: Implementer

**Owner/Operator Details**

Owner/Operator Ind:	Current Operator	Street No:	
Type:	Private	Street 1:	NOT REQUIRED
Name:	NOT REQUIRED	Street 2:	
Date Became Current:		City:	NOT REQUIRED
Date Ended Current:		State:	ME
Phone:	415-555-1212	Country:	
Source Type:	Implementer	Zip Code:	99999

Owner/Operator Ind:	Current Owner	Street No:	
Type:	Private	Street 1:	NOT REQUIRED
Name:	JEAN BRODERSEN	Street 2:	
Date Became Current:		City:	NOT REQUIRED
Date Ended Current:		State:	ME

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Phone:	415-555-1212				Country:	
Source Type:	Notification				Zip Code:	99999

**Historical Handler Details**

Receive Dt: 19920224  
 Generator Code Description: Large Quantity Generator  
 Handler Name: FOTO KEM INDUSTRIES, INC

Receive Dt: 19900411  
 Generator Code Description: Large Quantity Generator  
 Handler Name: FOTO-KEM INDUSTRIES, INC

Receive Dt: 19860227  
 Generator Code Description: Small Quantity Generator  
 Handler Name: FOTO KEM INDUSTRIES, INC

<a href="#">15</a>	1 of 2	NE	0.10 / 526.93	531.10 / -2	UCLA BURBANK HEMATOLOGY ONCOLOGY 201 S BUENA VISTA ST STE 200 BURBANK CA 91505	RCRA NON GEN
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EPA Handler ID: CAL000408883  
 Gen Status Universe: No Report  
 Contact Name: CLAUDIA GODOY  
 Contact Address: 201 S BUENA VISTA ST STE 200 , , BURBANK , CA, 91505 ,  
 Contact Phone No and Ext: 818-842-8252  
 Contact Email: CGODOY@MEDNET.UCLA.EDU  
 Contact Country:  
 County Name: LOS ANGELES  
 EPA Region: 09  
 Land Type:  
 Receive Date: 20150731

**Violation/Evaluation Summary**

Note: NO RECORDS: As of May 2020, 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: 20150731  
 Handler Name: UCLA BURBANK HEMATOLOGY ONCOLOGY  
 Source Type: Implementer

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Federal Waste Generator Code: N  
 Generator Code Description: Not a Generator, Verified

**Owner/Operator Details**

<b>Owner/Operator Ind:</b>	Current Owner	<b>Street No:</b>	
<b>Type:</b>	Other	<b>Street 1:</b>	1111 FRANKLIN ST
<b>Name:</b>	REGENTS UNIVERSITY OF CALIFORNIA	<b>Street 2:</b>	
<b>Date Became Current:</b>		<b>City:</b>	OAKLAND
<b>Date Ended Current:</b>		<b>State:</b>	CA
<b>Phone:</b>	310-825-4012	<b>Country:</b>	
<b>Source Type:</b>	Implementer	<b>Zip Code:</b>	94607

<b>Owner/Operator Ind:</b>	Current Operator	<b>Street No:</b>	
<b>Type:</b>	Other	<b>Street 1:</b>	201 S BUENA VISTA ST STE 200
<b>Name:</b>	CLAUDIA GODOY	<b>Street 2:</b>	
<b>Date Became Current:</b>		<b>City:</b>	BURBANK
<b>Date Ended Current:</b>		<b>State:</b>	CA
<b>Phone:</b>	818-842-8252	<b>Country:</b>	
<b>Source Type:</b>	Implementer	<b>Zip Code:</b>	91505

<a href="#">15</a>	2 of 2	NE	0.10 / 526.93	531.10 / -2	PROVIDENCE MEDICAL INSTITUTE 201 S BUENA VISTA ST STE 100 BURBANK CA 91505	RCRA NON GEN
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**EPA Handler ID:** CAL000441238  
**Gen Status Universe:** No Report  
**Contact Name:** GENIE GOMEZ  
**Contact Address:** 201 S BUENA VISTA ST STE 100 , , BURBANK , CA, 91505 ,  
**Contact Phone No and Ext:** 818-848-6404  
**Contact Email:** GEORGINA.GOMEZ2PROVIDENCE.ORG  
**Contact Country:**  
**County Name:** LOS ANGELES  
**EPA Region:** 09  
**Land Type:**  
**Receive Date:** 20181128

**Violation/Evaluation Summary**

**Note:** NO RECORDS: As of May 2020, 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**

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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**Sequence No:** 1  
**Receive Date:** 20181128  
**Handler Name:** PROVIDENCE MEDICAL INSTITUTE  
**Source Type:** Implementer  
**Federal Waste Generator Code:** N  
**Generator Code Description:** Not a Generator, Verified

**Owner/Operator Details**

<b>Owner/Operator Ind:</b>	Current Operator	<b>Street No:</b>	
<b>Type:</b>	Other	<b>Street 1:</b>	201 S BUENA VISTA ST STE 100
<b>Name:</b>	GENIE GOMEZ	<b>Street 2:</b>	
<b>Date Became Current:</b>		<b>City:</b>	BURBANK
<b>Date Ended Current:</b>		<b>State:</b>	CA
<b>Phone:</b>	818-848-6404	<b>Country:</b>	
<b>Source Type:</b>	Implementer	<b>Zip Code:</b>	91505

<b>Owner/Operator Ind:</b>	Current Owner	<b>Street No:</b>	
<b>Type:</b>	Other	<b>Street 1:</b>	21311 MADRONA AVE STE 101
<b>Name:</b>	PROVIDENCE MEDICAL INSTITUTE	<b>Street 2:</b>	
<b>Date Became Current:</b>		<b>City:</b>	TORRANCE
<b>Date Ended Current:</b>		<b>State:</b>	CA
<b>Phone:</b>	310-543-7001	<b>Country:</b>	
<b>Source Type:</b>	Implementer	<b>Zip Code:</b>	90503

<a href="#">16</a>	1 of 8	N	0.11 / 568.87	532.54 / 0	VIDCOM POST INC 2600 W OLIVE AVE, STE 100 BURBANK CA 91505	RCRA SQG
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**EPA Handler ID:** CAD982400988  
**Gen Status Universe:** Small Quantity Generator  
**Contact Name:** ENVIRONMENTAL MANAGER  
**Contact Address:** 2600 W OLIVE AVE, STE 100 , , BURBANK , CA, 91505 , US  
**Contact Phone No and Ext:** 818-841-1199  
**Contact Email:**  
**Contact Country:** US  
**County Name:** LOS ANGELES  
**EPA Region:** 09  
**Land Type:**  
**Receive Date:** 19891205

**Violation/Evaluation Summary**

**Note:** NO RECORDS: As of May 2020, 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

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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**Hazardous Waste Handler Details**

Sequence No: 1  
 Receive Date: 19891205  
 Handler Name: VIDCOM POST INC  
 Federal Waste Generator Code: 2  
 Generator Code Description: Small Quantity Generator  
 Source Type: Notification

**Owner/Operator Details**

Owner/Operator Ind:	Current Operator	Street No:	
Type:	Private	Street 1:	NOT REQUIRED
Name:	NOT REQUIRED	Street 2:	
Date Became Current:		City:	NOT REQUIRED
Date Ended Current:		State:	ME
Phone:	415-555-1212	Country:	
Source Type:	Notification	Zip Code:	99999

Owner/Operator Ind:	Current Owner	Street No:	
Type:	Private	Street 1:	NOT REQUIRED
Name:	FJC CORPORATION	Street 2:	
Date Became Current:		City:	NOT REQUIRED
Date Ended Current:		State:	ME
Phone:	415-555-1212	Country:	
Source Type:	Notification	Zip Code:	99999

<a href="#">16</a>	2 of 8	N	0.11 / 568.87	532.54 / 0	Verizon Wireless Magnolia Park 2600 W Olive AVE #B Burbank CA 91505	BURBANK CUPA
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CERS ID: 10163357  
 Status: Active  
 Program Element: HazMat

<a href="#">16</a>	3 of 8	N	0.11 / 568.87	532.54 / 0	GPI Maple LP 2600 W Olive AVE Burbank CA 91505	BURBANK CUPA
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CERS ID: 10619995  
 Status: Active  
 Program Element: HazMat

<a href="#">16</a>	4 of 8	N	0.11 / 568.87	532.54 / 0	Verizon Wireless: Magnolia Park 2600 W OLIVE AVE # B BURBANK CA 91505	CERS HAZ
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Site ID: 82601  
 Latitude: 34.160290  
 Longitude: -118.330380  
 County: Los Angeles County

**Regulated Programs**

EI ID:	10163357	EI Description:	Chemical Storage Facilities
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**Evaluations**

Eval Date: 04/04/2018  
 Violations Found: No  
 Eval General Type: Compliance Evaluation Inspection

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction</b>	<b>Distance (mi/ft)</b>	<b>Elev/Diff (ft)</b>	<b>Site</b>	<b>DB</b>
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**Eval Type:** Routine done by local agency  
**Eval Division:** Burbank Fire Department  
**Eval Program:** HMRRP  
**Eval Source:** CERS  
**Eval Notes:**

Hazardous materials inspection complete. No HMRRP violations.; Note: data in [EVAL Notes] field for some records is truncated from the source.

**Eval Date:** 03/05/2015  
**Violations Found:** No  
**Eval General Type:** Compliance Evaluation Inspection  
**Eval Type:** Routine done by local agency  
**Eval Division:** Burbank Fire Department  
**Eval Program:** HMRRP  
**Eval Source:** CERS  
**Eval Notes:**

Inspection conducted by K. Kacmar. No HMRRP violations.; Note: data in [EVAL Notes] field for some records is truncated from the source.

**Affiliations**

**Affil Type Desc:** Operator  
**Entity Name:** Verizon Wireless  
**Entity Title:**  
**Address:**  
**City:**  
**State:**  
**Country:**  
**Zip Code:**  
**Phone:** (949) 286-7000

**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:** Verizon Wireless [Southern California]  
**Entity Title:**  
**Address:**  
**City:**  
**State:**  
**Country:**  
**Zip Code:**  
**Phone:**

**Affil Type Desc:** Environmental Contact  
**Entity Name:** Environmental Compliance  
**Entity Title:**  
**Address:** 15505 Sand Canyon Avenue, MS D-104  
**City:** Irvine  
**State:** CA  
**Country:**  
**Zip Code:** 92618  
**Phone:**

**Affil Type Desc:** Legal Owner  
**Entity Name:** Verizon Wireless  
**Entity Title:**  
**Address:** 15505 Sand Canyon Avenue, MS D-104  
**City:** Irvine

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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**State:** CA  
**Country:** United States  
**Zip Code:** 92618  
**Phone:** (949) 286-7000

**Affil Type Desc:** Identification Signer  
**Entity Name:** Wilson Rodriguez  
**Entity Title:** Engr III Spec-RE/Regulatory  
**Address:**  
**City:**  
**State:**  
**Country:**  
**Zip Code:**  
**Phone:**

**Affil Type Desc:** Document Preparer  
**Entity Name:** Steve Skanderson, Stantec  
**Entity Title:**  
**Address:**  
**City:**  
**State:**  
**Country:**  
**Zip Code:**  
**Phone:**

**Affil Type Desc:** Facility Mailing Address  
**Entity Name:** Mailing Address  
**Entity Title:**  
**Address:** 15505 Sand Canyon Avenue, MS D-104  
**City:** Irvine  
**State:** CA  
**Country:**  
**Zip Code:** 92618  
**Phone:**

<a href="#">16</a>	5 of 8	N	0.11 / 568.87	532.54 / 0	GPI Maple. LP 2600 W OLIVE AVE STE 110 BURBANK CA 91505	CERS HAZ
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**Site ID:** 273044  
**Latitude:** 34.160290  
**Longitude:** -118.330380  
**County:** Los Angeles County

**Regulated Programs**

**EI ID:** 10619995      **EI Description:** Chemical Storage Facilities

**Violations**

**Violation Date:** 11/01/2017      **Violation Source:** CERS  
**Violation Program:** HMRRP      **Violation Division:** Burbank Fire Department  
**Citation:** HSC 6.95 Multiple - California Health and Safety Code, Chapter 6.95, Section(s) Multiple  
**Violation Notes:**

Returned to compliance on 02/07/2018. Replace secondary containment pallet for 55 gallon drum.

**Violation Description:**

Business Plan Program - Operations/Maintenance - General

**Violations**

**Violation Date:** 11/01/2017      **Violation Source:** CERS

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction</b>	<b>Distance (mi/ft)</b>	<b>Elev/Diff (ft)</b>	<b>Site</b>	<b>DB</b>
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**Violation Program:** HMRRP **Violation Division:** Burbank Fire Department  
**Citation:** HSC 6.95 Multiple - California Health and Safety Code, Chapter 6.95, Section(s) Multiple  
**Violation Notes:**

Returned to compliance on 03/05/2018. Provide NFPA 704 placard.

**Violation Description:**

Business Plan Program - Operations/Maintenance - General

**Evaluations**

**Eval Date:** 11/01/2017  
**Violations Found:** Yes  
**Eval General Type:** Compliance Evaluation Inspection  
**Eval Type:** Routine done by local agency  
**Eval Division:** Burbank Fire Department  
**Eval Program:** HMRRP  
**Eval Source:** CERS  
**Eval Notes:**

Haz-Mat Inspection Completed; Note: data in [EVAL Notes] field for some records is truncated from the source.

**Affiliations**

**Affil Type Desc:** Identification Signer  
**Entity Name:** Jose Mancilla  
**Entity Title:** Chief Engineer  
**Address:**  
**City:**  
**State:**  
**Country:**  
**Zip Code:**  
**Phone:**

**Affil Type Desc:** Facility Mailing Address  
**Entity Name:** Mailing Address  
**Entity Title:**  
**Address:** 2600 W.Olive Ave Suite 110  
**City:** Burbank  
**State:** CA  
**Country:**  
**Zip Code:** 91505  
**Phone:**

**Affil Type Desc:** Parent Corporation  
**Entity Name:** GPI Maple LP  
**Entity Title:**  
**Address:**  
**City:**  
**State:**  
**Country:**  
**Zip Code:**  
**Phone:**

**Affil Type Desc:** CUPA District  
**Entity Name:** Los Angeles County Fire  
**Entity Title:**  
**Address:** 5825 Rickenbacker Road  
**City:** Commerce  
**State:** CA  
**Country:**  
**Zip Code:** 90040-3027  
**Phone:** (323) 890-4000

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
<hr/>						
<b>Affil Type Desc:</b>		Environmental Contact				
<b>Entity Name:</b>		Blackmon Mooring				
<b>Entity Title:</b>						
<b>Address:</b>		3310 S. Fairview St				
<b>City:</b>		Santa Ana				
<b>State:</b>		CA				
<b>Country:</b>						
<b>Zip Code:</b>		92704				
<b>Phone:</b>						
<b>Affil Type Desc:</b>		Legal Owner				
<b>Entity Name:</b>		GPI Maple, LP				
<b>Entity Title:</b>						
<b>Address:</b>		5601 Granite Parkway, Suite 800				
<b>City:</b>		Plano				
<b>State:</b>		TX				
<b>Country:</b>		United States				
<b>Zip Code:</b>		75024				
<b>Phone:</b>		(818) 265-7500				
<b>Affil Type Desc:</b>		Operator				
<b>Entity Name:</b>		GPI Maple. LP				
<b>Entity Title:</b>						
<b>Address:</b>						
<b>City:</b>						
<b>State:</b>						
<b>Country:</b>						
<b>Zip Code:</b>						
<b>Phone:</b>		(818) 265-7500				
<b>Affil Type Desc:</b>		Document Preparer				
<b>Entity Name:</b>		Jose Mancilla				
<b>Entity Title:</b>						
<b>Address:</b>						
<b>City:</b>						
<b>State:</b>						
<b>Country:</b>						
<b>Zip Code:</b>						
<b>Phone:</b>						
<hr/>						
<a href="#">16</a>	6 of 8	N	0.11 / 568.87	532.54 / 0	GPI MAPLE 2600 W OLIVE AVE 110 BURBANK CA 91505	LA COUNTY CUPA
<b>Facility ID:</b>		FA0034032				
<b>CERS ID:</b>		10619995				
<b><u>Active Facility Details</u></b>						
<b>PE:</b>		7020				
<b><u>Inactive Facility Details</u></b>						
<b>PE:</b>		7020				
<hr/>						
<a href="#">16</a>	7 of 8	N	0.11 / 568.87	532.54 / 0	VERIZON WIRELESS - MAGNOLIA PARK 2600 W OLIVE AVE B BURBANK CA 91505	LA COUNTY CUPA
<b>Facility ID:</b>		FA0019169				
<b>CERS ID:</b>		10163357				
<b><u>Active Facility Details</u></b>						

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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PE: 7020

Inactive Facility Details

PE: 7020

<a href="#">16</a>	8 of 8	N	0.11 / 568.87	532.54 / 0	GRANITE PROP 2600 W Olive Burbank CA 91505	ALT FUELS
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<b>ID:</b>	160276	<b>CNG Dispenser No:</b>	
<b>Federal Agency ID:</b>		<b>CNG Fill Type Code:</b>	
<b>Federal Agency:</b>		<b>CNG Site Renew Src:</b>	
<b>Fed Agency Name:</b>		<b>CNG PSI:</b>	
<b>Status:</b>	Open: The station is open.	<b>CNG Storage Cap:</b>	
<b>Facility Type:</b>		<b>CNG Tot Compr Cap:</b>	
<b>Fuel Type Code:</b>	ELEC: Electric	<b>CNG Vehicle Class:</b>	
<b>Owner Type Desc:</b>		<b>LPG Nozzle Types:</b>	
<b>Expected Date:</b>		<b>LNG Site Renew Src:</b>	
<b>Dt Last Confirmed:</b>	2020-09-24	<b>LNG Vehicle Class:</b>	
<b>Open Date:</b>		<b>Hydrogen is Retail:</b>	
<b>Updated at:</b>	2020-09-24 09:24:32 UTC	<b>Hydrogen Pressures:</b>	
<b>BD Blends:</b>		<b>Hydrogen Standards:</b>	
<b>NG PSI:</b>		<b>Station Phone:</b>	888-758-4389
<b>NG Fill Type Code:</b>		<b>Latitude:</b>	34.159569
<b>NG Fill Type Desc:</b>		<b>Longitude:</b>	-118.330268
<b>NG Vehicle Class:</b>			
<b>NG Vehicle Class Desc:</b>			
<b>E85 Blender Pump:</b>			
<b>E85 Blender Pump Desc:</b>			
<b>E85 Other Ethanol Blends:</b>			
<b>EV Pricing:</b>	Pricing is based on length of time. \$0 per hour for the first 2 hours, and \$5 per additional hour		
<b>EV Pricing French:</b>			
<b>EV on Site Renewable Source:</b>			
<b>LPG Primary:</b>			
<b>LPG Primary Desc:</b>			
<b>Intersection Directions:</b>	2600 W OLIVE 1 2600 W OLIVE 2		
<b>Geocode Status Desc:</b>	Premise (building name, property name, shopping center, etc.) level accuracy.		
<b>Hydrogen Status Link:</b>			

<a href="#">17</a>	1 of 1	SW	0.12 / 635.08	532.47 / 0	OCEAN WEST MANAGEMENT SERVICES 2910 W ALAMEDA AVE BURBANK CA 91505	RCRA NON GEN
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<b>EPA Handler ID:</b>	CAL000437807
<b>Gen Status Universe:</b>	No Report
<b>Contact Name:</b>	RICHARD BERG
<b>Contact Address:</b>	2910 , W ALAMEDA AVE , , BURBANK , CA, 91505 , US
<b>Contact Phone No and Ext:</b>	818-533-6027
<b>Contact Email:</b>	2901ALAMEDA-ENG@ABLESERVE.COM
<b>Contact Country:</b>	US
<b>County Name:</b>	LOS ANGELES
<b>EPA Region:</b>	09
<b>Land Type:</b>	Private
<b>Receive Date:</b>	20191106

Violation/Evaluation Summary

**Note:** NO RECORDS: As of May 2020, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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**Handler Summary**

**Importer Activity:** No  
**Mixed Waste Generator:** No  
**Transporter Activity:** Yes  
**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:** 20191106  
**Handler Name:** OCEAN WEST MANAGEMENT SERVICES  
**Source Type:** Notification  
**Federal Waste Generator Code:** N  
**Generator Code Description:** Not a Generator, Verified

**Owner/Operator Details**

<b>Owner/Operator Ind:</b>	Current Operator	<b>Street No:</b>	1
<b>Type:</b>	Other	<b>Street 1:</b>	MACARTHUR PL STE 140
<b>Name:</b>	OCEAN WEST MANAGEMENT SERVICES	<b>Street 2:</b>	
<b>Date Became Current:</b>		<b>City:</b>	SANTA ANA
<b>Date Ended Current:</b>		<b>State:</b>	CA
<b>Phone:</b>	657-261-8891	<b>Country:</b>	US
<b>Source Type:</b>	Notification	<b>Zip Code:</b>	92707

<b>Owner/Operator Ind:</b>	Current Owner	<b>Street No:</b>	1
<b>Type:</b>	Other	<b>Street 1:</b>	MACARTHUR PL STE 140
<b>Name:</b>	OCEAN WEST MANAGEMENT SERVICES	<b>Street 2:</b>	
<b>Date Became Current:</b>		<b>City:</b>	SANTA ANA
<b>Date Ended Current:</b>		<b>State:</b>	CA
<b>Phone:</b>	657-261-8891	<b>Country:</b>	US
<b>Source Type:</b>	Notification	<b>Zip Code:</b>	92707

<a href="#">18</a>	1 of 6	N	0.12 / 635.90	532.36 / 0	FINE AUTO SERVICE 2601 W OLIVE AVE BURBANK CA 91505	RCRA SQG
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**EPA Handler ID:** CAD982479446  
**Gen Status Universe:** Small Quantity Generator  
**Contact Name:** KEVORK HAZARIAN  
**Contact Address:** 2601 W OLIVE AVE , , BURBANK , CA, 91505 , US  
**Contact Phone No and Ext:** 818-559-9555  
**Contact Email:**  
**Contact Country:** US  
**County Name:** LOS ANGELES  
**EPA Region:** 09  
**Land Type:** Private  
**Receive Date:** 19911108

**Violation/Evaluation Summary**

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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**Note:** NO RECORDS: As of May 2020, 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:** 19911108  
**Handler Name:** FINE AUTO SERVICE  
**Federal Waste Generator Code:** 2  
**Generator Code Description:** Small Quantity Generator  
**Source Type:** Notification

**Owner/Operator Details**

<b>Owner/Operator Ind:</b> Current Operator	<b>Street No:</b>	
<b>Type:</b> Private	<b>Street 1:</b>	NOT REQUIRED
<b>Name:</b> NOT REQUIRED	<b>Street 2:</b>	
<b>Date Became Current:</b>	<b>City:</b>	NOT REQUIRED
<b>Date Ended Current:</b>	<b>State:</b>	ME
<b>Phone:</b> 415-555-1212	<b>Country:</b>	
<b>Source Type:</b> Notification	<b>Zip Code:</b>	99999

<b>Owner/Operator Ind:</b> Current Owner	<b>Street No:</b>	
<b>Type:</b> Private	<b>Street 1:</b>	2601 W OLIVE AVE
<b>Name:</b> BENITO DE SANTIS	<b>Street 2:</b>	
<b>Date Became Current:</b>	<b>City:</b>	BURBANK
<b>Date Ended Current:</b>	<b>State:</b>	CA
<b>Phone:</b> 818-761-4154	<b>Country:</b>	
<b>Source Type:</b> Notification	<b>Zip Code:</b>	91505

<a href="#">18</a>	2 of 6	N	0.12 / 635.90	532.36 / 0	2601 W OLIVE AVE BURBANK CA 91523	LA HMS
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**Site No:** 025919  
**Area:** 3E

**Detail Info**

<b>Permit No:</b>		<b>Permit Status Code:</b>	
<b>Permit Cat Desc:</b>		<b>Permit Category:</b>	
<b>Status Code:</b> OPEN		<b>File No:</b>	035405
<b>Status Desc:</b> File Opened, no permit exists		<b>File Name:</b>	RILEY AUTOMOTIVE
<b>Permit Status Desc:</b>			
<b>Permit Type:</b>			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
<b>Permit Type Desc:</b>						
<a href="#">18</a>	3 of 6	N	0.12 / 635.90	532.36 / 0	AUTO FLM INC 2601 W OLIVE AV BURBANK CA 91505	EMISSIONS

**1987 Criteria Data**

Facility ID:	42751	CERR Code:	
Facility SIC Code:	7538	TOGT:	.7
CO:	19	ROGT:	.6776
Air Basin:	SC	COT:	
District:	SC	NOXT:	
COID:	LA	SOXT:	
DISN:	SOUTH COAST AQMD	PMT:	0
CHAPIS:		PM10T:	0

**1987 Toxic Data**

Facility ID:	42751	COID:	LA
Facility SIC Code:	7538	DISN:	SOUTH COAST AQMD
CO:	19	CHAPIS:	
Air Basin:	SC	CERR Code:	
District:	SC		
TS:			
Health Risk Asmt:			
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

**1990 Criteria Data**

Facility ID:	42751	CERR Code:	
Facility SIC Code:	7538	TOGT:	.7
CO:	19	ROGT:	.6776
Air Basin:	SC	COT:	
District:	SC	NOXT:	
COID:	LA	SOXT:	
DISN:	SOUTH COAST AQMD	PMT:	0
CHAPIS:		PM10T:	0

**1990 Toxic Data**

Facility ID:	42751	COID:	LA
Facility SIC Code:	7538	DISN:	SOUTH COAST AQMD
CO:	19	CHAPIS:	
Air Basin:	SC	CERR Code:	
District:	SC		
TS:			
Health Risk Asmt:			
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

<a href="#">18</a>	4 of 6	N	0.12 / 635.90	532.36 / 0	CALSTATE AUTO REPAIR 2601 W OLIVE AVE BURBANK CA 91505	CERS HAZ
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Site ID:	15806
Latitude:	34.160748
Longitude:	-118.330406
County:	Los Angeles County

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction</b>	<b>Distance (mi/ft)</b>	<b>Elev/Diff (ft)</b>	<b>Site</b>	<b>DB</b>
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**Regulated Programs**

**EI ID:** 10229680 **EI Description:** Hazardous Waste Generator

**Violations**

**Violation Date:** 11/28/2017 **Violation Source:** CERS  
**Violation Program:** HW **Violation Division:** Los Angeles County Fire Department  
**Citation:** HSC 6.5 25250.22 - California Health and Safety Code, Chapter 6.5, Section(s) 25250.22  
**Violation Notes:**

Returned to compliance on 11/30/2017. OBSERVATION: 1x55 gal drum and 1x30 gal poly drum of used oil and fuel filters located in the shop were observed: WITHOUT LIDS and WITHOUT A LABEL. CORRECTIVE ACTION: Submit photos to the CUPA demonstrating that the used oil and fuel filters are being properly managed or submit a bill of lading to this department demonstrating proper disposal.

**Violation Description:**

Failure to properly manage used oil and/or fuel filters in accordance with the requirements.

**Violations**

**Violation Date:** 11/28/2017 **Violation Source:** CERS  
**Violation Program:** HW **Violation Division:** Los Angeles County Fire Department  
**Citation:** 22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)  
**Violation Notes:**

Returned to compliance on 11/30/2017. OBSERVATION: 2x55 gal drum used oil located in the shop was observed without a hazardous waste label. CORRECTIVE ACTION: Submit a photo to the CUPA demonstrating that the container listed above has been properly labeled.

**Violation Description:**

Failure to properly label hazardous waste accumulation containers and portable tanks with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.

**Evaluations**

**Eval Date:** 11/30/2017  
**Violations Found:** No  
**Eval General Type:** Other/Unknown  
**Eval Type:** Other, not routine, done by local agency  
**Eval Division:** Los Angeles County Fire Department  
**Eval Program:** HW  
**Eval Source:** CERS  
**Eval Notes:**

**Eval Date:** 11/28/2017  
**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:** HW  
**Eval Source:** CERS  
**Eval Notes:**

Leon Mouradian ; Note: data in [EVAL Notes] field for some records is truncated from the source.

**Eval Date:** 01/07/2016  
**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:** HW

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction</b>	<b>Distance (mi/ft)</b>	<b>Elev/Diff (ft)</b>	<b>Site</b>	<b>DB</b>
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**Eval Source:** CERS  
**Eval Notes:**

Levon Mouradian. 4x55-gal used oil drums. 05/14/15 Millenium Waste Oil 200 gal used oil 011954665JJK, 02/25/15 Millenium 200 gal used oil 011954623JJK. CAL000352272. calstateauto@yahoo.com; Note: data in [EVAL Notes] field for some records is truncated from the source.

**Affiliations**

**Affil Type Desc:** Parent Corporation  
**Entity Name:** CALSTATE AUTO REPAIR  
**Entity Title:**  
**Address:**  
**City:**  
**State:**  
**Country:**  
**Zip Code:**  
**Phone:**

**Affil Type Desc:** Legal Owner  
**Entity Name:** CALSTATE AUTO REPAIR, INC  
**Entity Title:**  
**Address:** 2601 W OLIVE AVENUE  
**City:** BURBANK  
**State:** CA  
**Country:** United States  
**Zip Code:** 91605  
**Phone:** (818) 848-8800

**Affil Type Desc:** Facility Mailing Address  
**Entity Name:** Mailing Address  
**Entity Title:**  
**Address:** 2601 W OLIVE AVENUE  
**City:** BURBANK  
**State:** CA  
**Country:**  
**Zip Code:** 91505  
**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:** Operator  
**Entity Name:** LEON MOURADIAN  
**Entity Title:**  
**Address:**  
**City:**  
**State:**  
**Country:**  
**Zip Code:**  
**Phone:** (818) 848-8800

**Affil Type Desc:** Environmental Contact  
**Entity Name:** Anita Mouradian  
**Entity Title:**  
**Address:** 2601 W Olive Ave  
**City:** Burbank  
**State:** ca  
**Country:**  
**Zip Code:** 91505  
**Phone:**

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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**Coordinates**

<b>Env Int Type Code:</b>	HWG	<b>Longitude:</b>	-118.330410
<b>Program ID:</b>	10229680	<b>Coord Name:</b>	
<b>Latitude:</b>	34.160750	<b>Ref Point Type Desc:</b>	Center of a facility or station.

<a href="#">18</a>	5 of 6	N	0.12 / 635.90	532.36 / 0	CALSTATE AUTO REPAIR, INC 2601 W OLIVE AVE BURBANK CA 91505-4526	RCRA NON GEN
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<b>EPA Handler ID:</b>	CAL000352272
<b>Gen Status Universe:</b>	No Report
<b>Contact Name:</b>	ANITA MOURADIAN
<b>Contact Address:</b>	2601 W OLIVE AVE , , BURBANK , CA, 91505 ,
<b>Contact Phone No and Ext:</b>	818-848-8800
<b>Contact Email:</b>	CALSTATEAUTO@YAHOO.COM
<b>Contact Country:</b>	
<b>County Name:</b>	LOS ANGELES
<b>EPA Region:</b>	09
<b>Land Type:</b>	
<b>Receive Date:</b>	20100505

**Violation/Evaluation Summary**

**Note:** NO RECORDS: As of May 2020, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

**Handler Summary**

<b>Importer Activity:</b>	No
<b>Mixed Waste Generator:</b>	No
<b>Transporter Activity:</b>	No
<b>Transfer Facility:</b>	No
<b>Onsite Burner Exemption:</b>	No
<b>Furnace Exemption:</b>	No
<b>Underground Injection Activity:</b>	No
<b>Commercial TSD:</b>	No
<b>Used Oil Transporter:</b>	No
<b>Used Oil Transfer Facility:</b>	No
<b>Used Oil Processor:</b>	No
<b>Used Oil Refiner:</b>	No
<b>Used Oil Burner:</b>	No
<b>Used Oil Market Burner:</b>	No
<b>Used Oil Spec Marketer:</b>	No

**Hazardous Waste Handler Details**

<b>Sequence No:</b>	1
<b>Receive Date:</b>	20100505
<b>Handler Name:</b>	CALSTATE AUTO REPAIR, INC
<b>Source Type:</b>	Implementer
<b>Federal Waste Generator Code:</b>	N
<b>Generator Code Description:</b>	Not a Generator, Verified

**Owner/Operator Details**

<b>Owner/Operator Ind:</b>	Current Owner	<b>Street No:</b>	
<b>Type:</b>	Other	<b>Street 1:</b>	2601 W OLIVE AVE
<b>Name:</b>	CALSTATE AUTO REPAIR, INC	<b>Street 2:</b>	
<b>Date Became Current:</b>		<b>City:</b>	BURBANK
<b>Date Ended Current:</b>		<b>State:</b>	CA

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
<b>Phone:</b>	818-848-8800				<b>Country:</b>	
<b>Source Type:</b>	Implementer				<b>Zip Code:</b>	91505-4526
<b>Owner/Operator Ind:</b>	Current Operator				<b>Street No:</b>	
<b>Type:</b>	Other				<b>Street 1:</b>	2601 W OLIVE AVE
<b>Name:</b>	ANITA MOURADIAN				<b>Street 2:</b>	
<b>Date Became Current:</b>					<b>City:</b>	BURBANK
<b>Date Ended Current:</b>					<b>State:</b>	CA
<b>Phone:</b>	818-848-8800				<b>Country:</b>	
<b>Source Type:</b>	Implementer				<b>Zip Code:</b>	91505

[18](#)      6 of 6      **N**      0.12 / 635.90      532.36 / 0      **CALSTATE AUTO REPAIR  
2601 W OLIVE AVE  
BURBANK CA 91505**      **LA COUNTY CUPA**

**Facility ID:** FA0019155  
**CERS ID:** 10229680

Active Facility Details

**PE:** 1000

Inactive Facility Details

**PE:** 7020

[19](#)      1 of 3      **W**      0.12 / 658.04      535.87 / 3      **4MC BURBANK INC STUDIO SVC  
2820 WEST OLIVE AVE  
BURBANK CA 91505-4455**      **RCRA SQG**

**EPA Handler ID:** CAR000001230  
**Gen Status Universe:** Small Quantity Generator  
**Contact Name:** MERLE SHARP  
**Contact Address:** 2813 W ALAMEDA AVE , , BURBANK , CA, 91505-4455 , US  
**Contact Phone No and Ext:** 818-840-7239  
**Contact Email:**  
**Contact Country:** US  
**County Name:** LOS ANGELES  
**EPA Region:** 09  
**Land Type:** Private  
**Receive Date:** 19971217

Violation/Evaluation Summary

**Note:** NO RECORDS: As of May 2020, 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

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Used Oil Spec Marketer: No

**Hazardous Waste Handler Details**

Sequence No: 1  
 Receive Date: 19950307  
 Handler Name: 4MC BURBANK INC STUDIO SVC  
 Federal Waste Generator Code: 2  
 Generator Code Description: Small Quantity Generator  
 Source Type: Notification

**Hazardous Waste Handler Details**

Sequence No: 2  
 Receive Date: 19971217  
 Handler Name: 4MC BURBANK INC STUDIO SVC  
 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, TRICHLOROETHYLENE, 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:** 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.

**Owner/Operator Details**

<b>Owner/Operator Ind:</b> Current Owner	<b>Street No:</b>	
<b>Type:</b> Private	<b>Street 1:</b>	2813 W ALAMEDA AVE
<b>Name:</b> 4MC BURBANK INC	<b>Street 2:</b>	
<b>Date Became Current:</b>	<b>City:</b>	BURBANK
<b>Date Ended Current:</b>	<b>State:</b>	CA
<b>Phone:</b> 818-840-7000	<b>Country:</b>	
<b>Source Type:</b> Notification	<b>Zip Code:</b>	91505-4455

**Historical Handler Details**

Receive Dt: 19950307  
 Generator Code Description: Small Quantity Generator  
 Handler Name: 4MC BURBANK INC STUDIO SVC

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<a href="#">19</a>	2 of 3	W	0.12 / 658.04	535.87 / 3	4MC-BURBANK, INC. 2820 W OLIVE AVE BURBANK CA 91505	EMISSIONS
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**1997 Criteria Data**

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Facility ID:	103166				CERR Code:	
Facility SIC Code:	7819				TOGT:	3.825
CO:	19				ROGT:	0
Air Basin:	SC				COT:	
District:	SC				NOXT:	
COID:	LA				SOXT:	
DISN:	SOUTH COAST AQMD				PMT:	
CHAPIS:					PM10T:	

**1997 Toxic Data**

Facility ID:	103166				COID:	LA
Facility SIC Code:	7819				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:	103166				CERR Code:	
Facility SIC Code:	7819				TOGT:	3.825
CO:	19				ROGT:	0
Air Basin:	SC				COT:	
District:	SC				NOXT:	
COID:	LA				SOXT:	
DISN:	SOUTH COAST AQMD				PMT:	
CHAPIS:					PM10T:	

**1998 Toxic Data**

Facility ID:	103166				COID:	LA
Facility SIC Code:	7819				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:	103166				CERR Code:	
Facility SIC Code:	7819				TOGT:	3.825
CO:	19				ROGT:	0
Air Basin:	SC				COT:	
District:	SC				NOXT:	
COID:	LA				SOXT:	
DISN:	SOUTH COAST AQMD				PMT:	
CHAPIS:					PM10T:	

**1999 Toxic Data**

Facility ID:	103166				COID:	LA
Facility SIC Code:	7819				DISN:	SOUTH COAST AQMD
CO:	19				CHAPIS:	
Air Basin:	SC				CERR Code:	
District:	SC					

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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TS:  
 Health Risk Asmt:  
 Non-Cancer Chronic Haz Ind:  
 Non-Cancer Acute Haz Ind:

2000 Criteria Data

Facility ID:	103166	CERR Code:	
Facility SIC Code:	7819	TOGT:	3.825
CO:	19	ROGT:	0
Air Basin:	SC	COT:	
District:	SC	NOXT:	
COID:	LA	SOXT:	
DISN:	SOUTH COAST AQMD	PMT:	
CHAPIS:		PM10T:	

2000 Toxic Data

Facility ID:	103166	COID:	LA
Facility SIC Code:	7819	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:	103166	CERR Code:	
Facility SIC Code:	7819	TOGT:	.39
CO:	19	ROGT:	.27
Air Basin:	SC	COT:	
District:	SC	NOXT:	
COID:	LA	SOXT:	
DISN:	SOUTH COAST AQMD	PMT:	
CHAPIS:		PM10T:	

2001 Toxic Data

Facility ID:	103166	COID:	LA
Facility SIC Code:	7819	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:

<a href="#">19</a>	3 of 3	W	0.12 / 658.04	535.87 / 3	4MC 2820 W OLIVE AVE BURBANK CA 91505	LA COUNTY CUPA
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Facility ID: FA0019139  
 CERS ID: 0

Inactive Facility Details

PE: 1003

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
<a href="#">20</a>	1 of 1	SW	0.13 / 679.25	532.36 / 0	COMPACT VIDEO INC 2813 W ALAMEDA AVE BURBANK CA 91505	RCRA NON GEN

**EPA Handler ID:** CAD059234336  
**Gen Status Universe:** No Report  
**Contact Name:** ALAN UNGER  
**Contact Address:** 2820 W OLIVE AVE , , BURBANK , CA, 91505 , US  
**Contact Phone No and Ext:** 818-840-7000  
**Contact Email:**  
**Contact Country:** US  
**County Name:** LOS ANGELES  
**EPA Region:** 09  
**Land Type:**  
**Receive Date:** 19950214

#### Violation/Evaluation Summary

**Note:** NO RECORDS: As of May 2020, 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:** 19950214  
**Handler Name:** COMPACT VIDEO INC  
**Source Type:** Notification  
**Federal Waste Generator Code:** N  
**Generator Code Description:** Not a Generator, Verified

#### Owner/Operator Details

<b>Owner/Operator Ind:</b>	Current Owner	<b>Street No:</b>	
<b>Type:</b>	Private	<b>Street 1:</b>	NOT REQUIRED
<b>Name:</b>	COMPACT VIDEO INC	<b>Street 2:</b>	
<b>Date Became Current:</b>		<b>City:</b>	NOT REQUIRED
<b>Date Ended Current:</b>		<b>State:</b>	ME
<b>Phone:</b>	415-555-1212	<b>Country:</b>	
<b>Source Type:</b>	Notification	<b>Zip Code:</b>	99999

<b>Owner/Operator Ind:</b>	Current Operator	<b>Street No:</b>	
<b>Type:</b>	Private	<b>Street 1:</b>	NOT REQUIRED
<b>Name:</b>	NOT REQUIRED	<b>Street 2:</b>	
<b>Date Became Current:</b>		<b>City:</b>	NOT REQUIRED
<b>Date Ended Current:</b>		<b>State:</b>	ME

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Phone:	415-555-1212				Country:	
Source Type:	Notification				Zip Code:	99999

<a href="#">21</a>	1 of 1	SSW	0.14 / 718.07	532.69 / 0	NATIONAL BROADCASTING STUDIOS 330 BOB HOPE DR. BURBANK CA 91523	CLEANUP SITES
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**Global ID:** SL603799014  
**Status:** COMPLETED - CASE CLOSED  
**Status Date:** 4/1/2020  
**Longitude:** -118.331228871947  
**Data Source:** Cleanup Program Sites from GeoTracker Search; Cleanup Sites from GeoTracker Cleanup Sites Data Download

**Site Facility Type:** CLEANUP PROGRAM SITE  
**County:** LOS ANGELES  
**Latitude:** 34.1564220614622

**Cleanup Sites from GeoTracker Cleanup Sites Data Download - Facilities Detail**

**RB Case No:** 110.0209  
**Local Case No:**  
**Begin Date:** 4/30/1990  
**Stop Method:**  
**Lead Agency:** LOS ANGELES RWQCB (REGION 4)  
**Local Agency:**  
**Potential COC:**  
**Potential Media of Concern:** Aquifer used for drinking water supply  
**How Discovered:**  
**How Discovered Description:**  
**Stop Description:**  
**Calwater Watershed Name:** Los Angeles River - San Fernando - Bull Canyon (412.21)  
**DWR GW Subbasin Name:** San Fernando Valley (4-012)  
**Disadvantaged Community:**  
**Site History:**

**CUF Case:** NO  
**Case Worker:** GJH  
**File Location:**

**Cleanup Sites from GeoTracker Cleanup Sites Data Download - Regulatory Activity**

**Action Type:** ENFORCEMENT  
**Date :** 2004-06-22 00:00:00  
**Action:** Closure/No Further Action Letter

**Action Type:** ENFORCEMENT  
**Date :** 2001-03-09 00:00:00  
**Action:** Notice of Violation

**Action Type:** ENFORCEMENT  
**Date :** 2000-11-09 00:00:00  
**Action:** Staff Letter

**Action Type:** RESPONSE  
**Date :** 1990-05-23 00:00:00  
**Action:** Technical Memos

**Action Type:** ENFORCEMENT  
**Date :** 1990-04-30 00:00:00  
**Action:** 13267 Requirement

**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:** 2020-04-01 00:00:00

**Status:** Completed - Case Closed

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction</b>	<b>Distance (mi/ft)</b>	<b>Elev/Diff (ft)</b>	<b>Site</b>	<b>DB</b>
<b>Status Date:</b>		2019-01-14 00:00:00				
<b>Status:</b>		Open - Inactive				
<b>Status Date:</b>		2019-01-14 00:00:00				
<b>Status:</b>		Open - Reopen Case				
<b>Status Date:</b>		2019-01-14 00:00:00				
<b>Status:</b>		Open - Inactive				
<b>Status Date:</b>		2014-10-30 00:00:00				
<b>Status:</b>		Completed - Case Closed				
<b>Status Date:</b>		2004-06-22 00:00:00				
<b>Status:</b>		Open - Inactive				
<b>Status Date:</b>		2004-01-01 00:00:00				
<b>Status:</b>		Open - Site Assessment				
<b>Status Date:</b>		1990-04-30 00:00:00				
<b>Status:</b>		Open - Case Begin Date				
<b>Status Date:</b>		1990-04-30 00:00:00				

**Cleanup Sites from GeoTracker Cleanup Sites Data Download - Regulatory Contacts**

**Contact Type:** Regional Board Caseworker  
**Contact Name:** JEFFREY HU  
**Phone No:**  
**Organization Name:** LOS ANGELES RWQCB (REGION 4)  
**Email:** ghu@waterboards.ca.gov  
**Address:** 320 W. 4TH ST., SUITE 200  
**City:** LOS ANGELES

**Cleanup Program Sites from GeoTracker Search - Regulatory Profile (as of Feb 24, 2020)**

**Project Status:**  
**CUF Claim:**  
**CUF Priority Assign:**  
**CUF Amount Paid:**  
**Facility Type:**  
**User Defined Beneficial Use:**  
**Designated Beneficial Use:** MUN, AGR, IND, PROC  
**Designated Beneficial 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=SL603799014](https://geotracker.waterboards.ca.gov/profile_report?global_id=SL603799014)  
**Cleanup Status Detail:** OPEN - INACTIVE AS OF 1/14/2019  
**Cleanup History Link:** [https://geotracker.waterboards.ca.gov/profile\\_report\\_include?global\\_id=SL603799014&tabname=regulatoryhistory](https://geotracker.waterboards.ca.gov/profile_report_include?global_id=SL603799014&tabname=regulatoryhistory)  
**Potential COC:** VOLATILE ORGANIC COMPOUNDS  
**Potential Media of Concern:** AQUIFER USED FOR DRINKING WATER SUPPLY  
**GW Monitoring Freq:**  
**DWR GW Sub Basin:** San Fernando Valley (4-012)  
**Calwater Watershed Name:** Los Angeles River - San Fernando - Bull Canyon (412.21)  
**Post Closure Site Management:**  
**Future Land Use:**  
**Cleanup Oversight Agencies:** LOS ANGELES RWQCB (REGION 4) (LEAD) - CASE #: 110.0209  
CASEWORKER: JEFFREY HU

**Site History:**

No site history available

**Sites from GeoTracker Search - Regulatory Activities (as of Feb 24, 2020)**

**Action Type:** Other Regulatory Actions  
**Action Date:** 6/22/2004  
**Received Issue Date:** 6/22/2004  
**Action:** Closure/No Further Action Letter  
**Doc Link:** [https://geotracker.waterboards.ca.gov/view\\_documents?](https://geotracker.waterboards.ca.gov/view_documents?)

global\_id=SL603799014&enforcement\_id=6381977&temptable=ENFORCEMENT

**Title Description Comments:**

No Further Requirements for CRIV Investigation

**Action Type:** Enforcement/Orders  
**Action Date:** 3/9/2001  
**Received Issue Date:** 3/9/2001  
**Action:** Notice of Violation

**Doc Link:**

**Title Description Comments:**

Notice of Violation sent 3/9/01 for overdue chemical use questionnaire.

**Action Type:** Enforcement/Orders  
**Action Date:** 3/9/2001  
**Received Issue Date:** 3/9/2001  
**Action:** Notice of Violation

**Doc Link:**

https://geotracker.waterboards.ca.gov/view\_documents?global\_id=SL603799014&enforcement\_id=6381974&temptable=ENFORCEMENT

**Title Description Comments:**

Merging of WIP# 110.0209 to WIP# 110.0208

**Action Type:** Other Regulatory Actions  
**Action Date:** 11/9/2000  
**Received Issue Date:** 11/9/2000  
**Action:** Staff Letter

**Doc Link:**

**Title Description Comments:**

**Action Type:** Response Requested - Reports  
**Action Date:** 5/23/1990  
**Received Issue Date:** 5/23/1990  
**Action:** Technical Memos

**Doc Link:**

https://geotracker.waterboards.ca.gov/view\_documents\_all?global\_id=SL603799014&doc\_id=6015611

**Title Description Comments:**

Completed Chemical Use Questionnaire

**Action Type:** Enforcement/Orders  
**Action Date:** 4/30/1990  
**Received Issue Date:** 4/30/1990  
**Action:** 13267 Requirement

**Doc Link:**

https://geotracker.waterboards.ca.gov/view\_documents?global\_id=SL603799014&enforcement\_id=6426986&temptable=ENFORCEMENT

**Title Description Comments:**

Request for Chemical Use Questionnaire 4-30-1990

**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 Feb 24, 2020)**

**Document Type:** Site Documents  
**Document Date:** 6/22/2004  
**Size :**

**Submitted:**  
**Submitted By:** CAITLIN GRAY (REGULATOR)

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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**Title:** NO FURTHER REQUIREMENTS FOR CRIV INVESTIGATION  
**Title Link:** [https://geotracker.waterboards.ca.gov/view\\_documents?global\\_id=SL603799014&enforcement\\_id=6381977](https://geotracker.waterboards.ca.gov/view_documents?global_id=SL603799014&enforcement_id=6381977)  
**Type:** CLOSURE/NO FURTHER ACTION LETTER

**Document Type:** Site Documents  
**Document Date:** 3/9/2001  
**Submitted:**  
**Submitted By:** CAITLIN GRAY (REGULATOR)

**Size :**  
**Title:** MERGING OF WIP# 110.0209 TO WIP# 110.0208  
**Title Link:** [https://geotracker.waterboards.ca.gov/view\\_documents?global\\_id=SL603799014&enforcement\\_id=6381974](https://geotracker.waterboards.ca.gov/view_documents?global_id=SL603799014&enforcement_id=6381974)  
**Type:** NOTICE OF VIOLATION

**Document Type:** Site Documents  
**Document Date:** 5/23/1990  
**Submitted:**  
**Submitted By:** CHRISTINA HUMPHREYS (REGULATOR)

**Size :**  
**Title:** COMPLETED CHEMICAL USE QUESTIONNAIRE  
**Title Link:** [https://geotracker.waterboards.ca.gov/view\\_documents?global\\_id=SL603799014&document\\_id=6015611](https://geotracker.waterboards.ca.gov/view_documents?global_id=SL603799014&document_id=6015611)  
**Type:** TECHNICAL MEMOS

**Document Type:** Site Documents  
**Document Date:** 4/30/1990  
**Submitted:**  
**Submitted By:** CHRISTINA HUMPHREYS (REGULATOR)

**Size :**  
**Title:** REQUEST FOR CHEMICAL USE QUESTIONNAIRE 4-30-1990  
**Title Link:** [https://geotracker.waterboards.ca.gov/view\\_documents?global\\_id=SL603799014&enforcement\\_id=6426986](https://geotracker.waterboards.ca.gov/view_documents?global_id=SL603799014&enforcement_id=6426986)  
**Type:** 13267 REQUIREMENT

**Sites from GeoTracker Search - Cleanup Status History (as of Feb 24, 2020)**

**Status:** Completed - Case Closed  
**Date :** 1/14/2019

**Status:** Open - Inactive  
**Date :** 1/14/2019

**Status:** Open - Reopen Case  
**Date :** 1/14/2019

**Status:** Open - Inactive  
**Date :** 10/30/2014

**Status:** Open - Case Begin Date  
**Date :** 4/30/1990

**Status:** Open - Site Assessment  
**Date :** 4/30/1990

<a href="#">22</a>	1 of 1	W	0.14 / 727.86	535.74 / 3	NANCY LEE DDS INC 2901 W OLIVE AVE BURBANK CA 91505-0000	RCRA NON GEN
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**EPA Handler ID:** CAL000194705  
**Gen Status Universe:** No Report  
**Contact Name:** NANCY LEE DDS  
**Contact Address:** 2901 W OLIVE AVE , , BURBANK , CA, 91505 ,  
**Contact Phone No and Ext:** 818-563-9888  
**Contact Email:** MEDIACENTERDENTAL@GMAIL.COM  
**Contact Country:**  
**County Name:** LOS ANGELES  
**EPA Region:** 09  
**Land Type:**  
**Receive Date:** 19981109

**Violation/Evaluation Summary**

**Note:** NO RECORDS: As of May 2020, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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**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:** 19981109  
**Handler Name:** NANCY LEE DDS INC  
**Source Type:** Implementer  
**Federal Waste Generator Code:** N  
**Generator Code Description:** Not a Generator, Verified

**Owner/Operator Details**

<b>Owner/Operator Ind:</b>	Current Owner	<b>Street No:</b>	
<b>Type:</b>	Other	<b>Street 1:</b>	2901 W OLIVE AVE
<b>Name:</b>	NANCY LEE DDS	<b>Street 2:</b>	
<b>Date Became Current:</b>		<b>City:</b>	BURBANK
<b>Date Ended Current:</b>		<b>State:</b>	CA
<b>Phone:</b>	818-563-9888	<b>Country:</b>	
<b>Source Type:</b>	Implementer	<b>Zip Code:</b>	91505-0000

<b>Owner/Operator Ind:</b>	Current Operator	<b>Street No:</b>	
<b>Type:</b>	Other	<b>Street 1:</b>	2901 W OLIVE AVE
<b>Name:</b>	NANCY LEE DDS	<b>Street 2:</b>	
<b>Date Became Current:</b>		<b>City:</b>	BURBANK
<b>Date Ended Current:</b>		<b>State:</b>	CA
<b>Phone:</b>	818-563-9888	<b>Country:</b>	
<b>Source Type:</b>	Implementer	<b>Zip Code:</b>	91505

<a href="#">23</a>	1 of 1	N	0.14 / 743.34	532.39 / 0	2509 W OLIVE AVE BURBANK CA 91523	LA HMS
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**Site No:** 025918  
**Area:** 3E

**Detail Info**

<b>Permit No:</b>		<b>Permit Status Code:</b>	
<b>Permit Cat Desc:</b>		<b>Permit Category:</b>	
<b>Status Code:</b>	OPEN	<b>File No:</b>	035403
<b>Status Desc:</b>	File Opened, no permit exists	<b>File Name:</b>	AVIS RENT-A-CAR
<b>Permit Status Desc:</b>			
<b>Permit Type:</b>			
<b>Permit Type Desc:</b>			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
<a href="#">24</a>	1 of 1	WSW	0.14 / 749.51	534.13 / 1	CF BURBANK OFFICE LP C/O TRANSWESTERN 2901 W Alameda Ave. Burbank CA 91505	UST

**Facility ID:** LACoFA0002069 **Latitude:** 34.15735  
**CERS ID:** 10397452 **Longitude:** -118.33261  
**County:** Los Angeles  
**Permitting Agency:** Los Angeles County Fire Department  
**Note:** Information related to facilities can be searched on Geo Tracker Website: <https://geotracker.waterboards.ca.gov/search>  
**Site Facility Type:** PERMITTED UNDERGROUND STORAGE TANK (UST)  
**Source:** Permitted Underground Storage Tank (UST) Data Download

<a href="#">25</a>	1 of 5	SW	0.15 / 782.43	531.98 / -1	2901 W ALAMEDA AVE BURBANK CA 91505	LA HMS
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**Site No:** 012996  
**Area:** 3E

**Detail Info**

**Permit No:** 00005421T **Permit Status Code:** REM  
**Permit Cat Desc:** Underground Storage Tank **Permit Category:** T  
**Status Code:** REM **File No:** 013254  
**Status Desc:** Equipment Removed **File Name:** C S BURBANK LTD  
**Permit Status Desc:** Equipment Removed  
**Permit Type:** 0  
**Permit Type Desc:** Underground Storage Tank Operating Permit

<a href="#">25</a>	2 of 5	SW	0.15 / 782.43	531.98 / -1	CF Burbank Office LP 2901 W Alameda AVE Burbank CA 91505	BURBANK CUPA
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**CERS ID:** 10397452  
**Status:** Active  
**Program Element:** HazMat/UST

<a href="#">25</a>	3 of 5	SW	0.15 / 782.43	531.98 / -1	COMPACT VIDEO SERVICES INC (A) 2901 W ALAMEDA AVE BURBANK CA 91505	EMISSIONS
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**1990 Criteria Data**

<b>Facility ID:</b>	76683	<b>CERR Code:</b>	
<b>Facility SIC Code:</b>	7812	<b>TOGT:</b>	0
<b>CO:</b>	19	<b>ROGT:</b>	0
<b>Air Basin:</b>	SC	<b>COT:</b>	.1
<b>District:</b>	SC	<b>NOXT:</b>	.8
<b>COID:</b>	LA	<b>SOXT:</b>	0
<b>DISN:</b>	SOUTH COAST AQMD	<b>PMT:</b>	0
<b>CHAPIS:</b>		<b>PM10T:</b>	0

**1990 Toxic Data**

<b>Facility ID:</b>	76683	<b>COID:</b>	LA
<b>Facility SIC Code:</b>	7812	<b>DISN:</b>	SOUTH COAST AQMD
<b>CO:</b>	19	<b>CHAPIS:</b>	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Air Basin:	SC				CERR Code:	
District:	SC					
TS:						
Health Risk Asmt:						
Non-Cancer Chronic Haz Ind:						
Non-Cancer Acute Haz Ind:						

[25](#)      4 of 5      SW      0.15 / 782.43      531.98 / -1      CF BURBANK OFFICE LP C/O TRANSWESTERN 2901 W ALAMEDA AVE. BURBANK CA 91505      CERS TANK

Site ID: 104388      Latitude: 34.157350  
County: Los Angeles County      Longitude: -118.332610

**Regulated Programs**

El ID: 10397452  
El Description: Chemical Storage Facilities

El ID: 10397452  
El Description: Underground Storage Tank

**Violations**

Violation Date: 03/07/2018      Violation Source: CERS  
Violation Program: UST      Violation Division: Burbank Fire Department  
Citation: HSC 6.7 25290.1(c),25290.2(c),25291(a)(2),2529.1(e) - California Health and Safety Code, Chapter 6.7, Section(s) 25290.1(c),25290.2(c),25291(a)(2),2529.1(e)

Violation Notes:  
Returned to compliance on 06/15/2018.

Violation Description:  
Failure to maintain secondary containment (e.g., failure of secondary containment testing).

**Violations**

Violation Date: 03/07/2018      Violation Source: CERS  
Violation Program: UST      Violation Division: Burbank Fire Department  
Citation: HSC 6.7 25290.1(c),25290.2(c),25291(a)(2),2529.1(e) - California Health and Safety Code, Chapter 6.7, Section(s) 25290.1(c),25290.2(c),25291(a)(2),2529.1(e)

Violation Notes:  
Returned to compliance on 06/18/2018.

Violation Description:  
Failure to maintain secondary containment (e.g., failure of secondary containment testing).

**Violations**

Violation Date: 03/29/2019      Violation Source: CERS  
Violation Program: UST      Violation Division: Burbank Fire Department  
Citation: HSC 6.7 25284.2 - California Health and Safety Code, Chapter 6.7, Section(s) 25284.2

Violation Notes:  
Spill container has a leak. Bid went out for repair.

Violation Description:  
"Failure to meet one or more of the following requirements:

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction</b>	<b>Distance (mi/ft)</b>	<b>Elev/Diff (ft)</b>	<b>Site</b>	<b>DB</b>
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Install or maintain a liquid-tight spill container.

Have a minimum capacity of five gallons.

Have a functional drain valve or other method for the removal of liquid from the spill container.

Be resistant to galvanic corrosion.

Perform a tightness test at installation, every 12 months thereafter, or within 30 days after a repair to the spill container.

Tested using applicable manufacturer guidelines, industry codes, engineering standards, or a method approved by a professional engineer.

Tested by a certified UST service technician.

Maintain records of spill containment testing for 36 months.

"

**Evaluations**

**Eval Date:** 02/20/2015  
**Violations Found:** No  
**Eval General Type:** Compliance Evaluation Inspection  
**Eval Type:** Routine done by local agency  
**Eval Division:** Burbank Fire Department  
**Eval Program:** UST  
**Eval Source:** CERS  
**Eval Notes:**

Completed Annual Inspection, Monitoring, Spill Bucket and Secondary Containment Testing. No Violations.; Note: data in [EVAL Notes] field for some records is truncated from the source.

**Eval Date:** 07/18/2017  
**Violations Found:** No  
**Eval General Type:** Compliance Evaluation Inspection  
**Eval Type:** Routine done by local agency  
**Eval Division:** Burbank Fire Department  
**Eval Program:** HMRRP  
**Eval Source:** CERS  
**Eval Notes:**

Hazmat Inspection Completed.; Note: data in [EVAL Notes] field for some records is truncated from the source.

**Eval Date:** 02/19/2016  
**Violations Found:** No  
**Eval General Type:** Compliance Evaluation Inspection  
**Eval Type:** Routine done by local agency  
**Eval Division:** Burbank Fire Department  
**Eval Program:** UST  
**Eval Source:** CERS  
**Eval Notes:**

Annual Inspection Completed by Daniel King. Monitoring Certification Completed By UST Compliance Services.; Note: data in [EVAL Notes] field for some records is truncated from the source.

**Eval Date:** 03/07/2018  
**Violations Found:** Yes  
**Eval General Type:** Other/Unknown  
**Eval Type:** Other, not routine, done by local agency  
**Eval Division:** Burbank Fire Department  
**Eval Program:** UST  
**Eval Source:** CERS  
**Eval Notes:**

SB989 Fail.; Note: data in [EVAL Notes] field for some records is truncated from the source.

<i>Map Key</i>	<i>Number of Records</i>	<i>Direction</i>	<i>Distance (mi/ft)</i>	<i>Elev/Diff (ft)</i>	<i>Site</i>	<i>DB</i>
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**Eval Date:** 02/12/2014  
**Violations Found:** No  
**Eval General Type:** Compliance Evaluation Inspection  
**Eval Type:** Routine done by local agency  
**Eval Division:** Burbank Fire Department  
**Eval Program:** UST  
**Eval Source:** CERS  
**Eval Notes:**

INSPECTED BY DIRK DROSSEL NO VIOLATIONS; Note: data in [EVAL Notes] field for some records is truncated from the source.

**Eval Date:** 02/16/2017  
**Violations Found:** No  
**Eval General Type:** Compliance Evaluation Inspection  
**Eval Type:** Routine done by local agency  
**Eval Division:** Burbank Fire Department  
**Eval Program:** UST  
**Eval Source:** CERS  
**Eval Notes:**

Annual Inspection Completed By Daniel Kng.; Note: data in [EVAL Notes] field for some records is truncated from the source.

**Eval Date:** 03/29/2019  
**Violations Found:** Yes  
**Eval General Type:** Compliance Evaluation Inspection  
**Eval Type:** Routine done by local agency  
**Eval Division:** Burbank Fire Department  
**Eval Program:** UST  
**Eval Source:** CERS  
**Eval Notes:**

Annual Inspection Completed By Daniel King.; Note: data in [EVAL Notes] field for some records is truncated from the source.

**Eval Date:** 03/06/2018  
**Violations Found:** No  
**Eval General Type:** Compliance Evaluation Inspection  
**Eval Type:** Routine done by local agency  
**Eval Division:** Burbank Fire Department  
**Eval Program:** UST  
**Eval Source:** CERS  
**Eval Notes:**

Annual Inspection Completed By Daniel King; Note: data in [EVAL Notes] field for some records is truncated from the source.

**Eval Date:** 03/21/2018  
**Violations Found:** No  
**Eval General Type:** Compliance Evaluation Inspection  
**Eval Type:** Routine done by local agency  
**Eval Division:** Burbank Fire Department  
**Eval Program:** UST  
**Eval Source:** CERS  
**Eval Notes:**

Annual Inspection Completed By Daniel King.; 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:** 200 W. Santa Ana Blvd., Suite 200  
**City:** Santa Ana,

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction</b>	<b>Distance (mi/ft)</b>	<b>Elev/Diff (ft)</b>	<b>Site</b>	<b>DB</b>
<b>State:</b>		CA				
<b>Country:</b>						
<b>Zip Code:</b>		92701				
<b>Phone:</b>						
<b>Affil Type Desc:</b>		Parent Corporation				
<b>Entity Name:</b>		FRO OW ALAMEDIA, LLC C/O OCEAN WEST MANAGEMENT SERVICES				
<b>Entity Title:</b>						
<b>Address:</b>						
<b>City:</b>						
<b>State:</b>						
<b>Country:</b>						
<b>Zip Code:</b>						
<b>Phone:</b>						
<b>Affil Type Desc:</b>		UST Tank Owner				
<b>Entity Name:</b>		FRO OW Alameda, LLC, C/O OW MGMT SRV INC				
<b>Entity Title:</b>						
<b>Address:</b>		2901 W. Alameda Ave. #800				
<b>City:</b>		Burbank				
<b>State:</b>		CA				
<b>Country:</b>		United States				
<b>Zip Code:</b>		91505				
<b>Phone:</b>		(818) 900-8295				
<b>Affil Type Desc:</b>		Document Preparer				
<b>Entity Name:</b>		Vicky Amador				
<b>Entity Title:</b>						
<b>Address:</b>						
<b>City:</b>						
<b>State:</b>						
<b>Country:</b>						
<b>Zip Code:</b>						
<b>Phone:</b>						
<b>Affil Type Desc:</b>		Legal Owner				
<b>Entity Name:</b>		FRO OW Alameda, LLC				
<b>Entity Title:</b>						
<b>Address:</b>		200 W. Santa Ana Blvd., Suite 200				
<b>City:</b>		Santa Ana,				
<b>State:</b>		CA				
<b>Country:</b>		United States				
<b>Zip Code:</b>		92701				
<b>Phone:</b>		(714) 356-1244				
<b>Affil Type Desc:</b>		CUPA District				
<b>Entity Name:</b>		Los Angeles County Fire				
<b>Entity Title:</b>						
<b>Address:</b>		5825 Rickenbacker Road				
<b>City:</b>		Commerce				
<b>State:</b>		CA				
<b>Country:</b>						
<b>Zip Code:</b>		90040-3027				
<b>Phone:</b>		(323) 890-4000				
<b>Affil Type Desc:</b>		UST Tank Operator				
<b>Entity Name:</b>		Charles E Thomas Company				
<b>Entity Title:</b>						
<b>Address:</b>		13701 S Alma Ave				
<b>City:</b>		Gardena				
<b>State:</b>		CA				
<b>Country:</b>		United States				
<b>Zip Code:</b>		90249				
<b>Phone:</b>		(310) 323-6730				
<b>Affil Type Desc:</b>		Operator				
<b>Entity Name:</b>		Ocean West Management Services				
<b>Entity Title:</b>						
<b>Address:</b>						



Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
<b>Permitting Agency:</b>		BURBANK, CITY OF		<b>Longitude:</b>		-118.33228
<b>County:</b>		Los Angeles				
<b>Original Source:</b>		UST				
<b>Record Date:</b>		30-JAN-2017				

[27](#) 1 of 4 WSW 0.15 / 798.91 535.46 / 3 2909 W OLIVE AVE #A BURBANK CA 91523 LA HMS

Site No: 025923  
Area: 3E

**Detail Info**

<b>Permit No:</b>		<b>Permit Status Code:</b>	
<b>Permit Cat Desc:</b>		<b>Permit Category:</b>	
<b>Status Code:</b>	OPEN	<b>File No:</b>	035408
<b>Status Desc:</b>	File Opened, no permit exists	<b>File Name:</b>	SPEED TRONICS
<b>Permit Status Desc:</b>			
<b>Permit Type:</b>			
<b>Permit Type Desc:</b>			

[27](#) 2 of 4 WSW 0.15 / 798.91 535.46 / 3 2909 W OLIVE AVE BURBANK CA 91523 LA HMS

Site No: 025921  
Area: 3E

**Detail Info**

<b>Permit No:</b>		<b>Permit Status Code:</b>	
<b>Permit Cat Desc:</b>		<b>Permit Category:</b>	
<b>Status Code:</b>	OPEN	<b>File No:</b>	035407
<b>Status Desc:</b>	File Opened, no permit exists	<b>File Name:</b>	BETHLEHEM MOTORS INC
<b>Permit Status Desc:</b>			
<b>Permit Type:</b>			
<b>Permit Type Desc:</b>			

[27](#) 3 of 4 WSW 0.15 / 798.91 535.46 / 3 All American Auto 2909 W Olive AVE Burbank CA 91505 DELISTED COUNTY

**Original Source Facility ID:**  
**Original Source Name:** Los Angeles County - Burbank City CUPA List  
**Record Date:** 05-NOV-2018

[27](#) 4 of 4 WSW 0.15 / 798.91 535.46 / 3 ALL AMERICAN AUTO 2909 W OLIVE AVE BURBANK CA 91505 LA COUNTY CUPA

Facility ID: FA0019135  
CERS ID: 10665907

**Active Facility Details**

PE: 1000

**Inactive Facility Details**

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
PE:		7020				

[28](#) 1 of 7 **NNE** 0.15 / 800.55 532.23 / -1 **MOBIL GAS STATION  
2501 OLIVE AVE W  
BURBANK CA 91505** **LUST**

**Global ID:** T0603700179 **County:** LOS ANGELES  
**Status:** COMPLETED - CASE CLOSED **Latitude:** 34.1610976  
**Status Date:** 11/30/1995 **Longitude:** -118.329658  
**Case Type:** LUST CLEANUP SITE  
**Date Source:** LUST Cleanup Sites from GeoTracker Search; LUST Cleanup Sites from GeoTracker Cleanup Sites Data Download

**LUST Cleanup Sites from GeoTracker Cleanup Sites Data Download - Facilities Detail**

**RB Case No:** 110.0282 **Potential COC:** Gasoline  
**Local Case No:** **How Discovered:** Tank Closure  
**Begin Date:** 11/30/1995 **Stop Method:**  
**Lead Agency:** LOS ANGELES RWQCB (REGION 4) **Stop Description:**  
**Local Agency:** BURBANK, CITY OF **Case Worker:** WIP  
**CUF Case:** NO **File Location:**  
**Potential Media of Concern:** Soil  
**How Discovered Description:**  
**Calwater Watershed Name:** Los Angeles River - San Fernando - Bull Canyon (412.21)  
**DWR GW Subbasin Name:** San Fernando Valley (4-012)  
**Disadvantaged Community:**  
**Site History:**

**Regulatory Activity**

**Action Type:** Other  
**Date :** 2/25/1997  
**Action:** Leak Discovery

**Action Type:** Other  
**Date :** 2/25/1997  
**Action:** Leak Reported

**Action Type:** Other  
**Date :** 2/17/1997  
**Action:** Leak Stopped

**Regulatory Contacts**

**Contact Type:** Local Agency Caseworker **Address:** 311 E ORANGE GROVE AVE  
**Contact Name:** JORGE MARTINEZ **Email:** jmartinez@ci.burbank.ca.us  
**City:** BURBANK **Phone No:**  
**Organization Name:** BURBANK, CITY OF

**Contact Type:** Regional Board Caseworker **Address:** 320 W. 4TH ST., SUITE 200  
**Contact Name:** WELL INVESTIGATION PROGRAM **Email:**  
**City:** LOS ANGELES **Phone No:**  
**Organization Name:** LOS ANGELES RWQCB (REGION 4)

**Status History**

**Status:** Completed - Case Closed  
**Status Date:** 11/30/1995

**Status:** Open - Case Begin Date  
**Status Date:** 11/30/1995

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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**LUST Sites from GeoTracker Search - Regulatory Profile (as of Feb 24, 2020)**

<b>Site Facility Name:</b>	MOBIL GAS STATION	<b>Potential COC:</b>	GASOLINE
<b>Site Facility Type:</b>	LUST CLEANUP SITE	<b>Facility Type:</b>	
<b>Cleanup Status:</b>	COMPLETED - CASE CLOSED	<b>Composting Method:</b>	
<b>Project Status:</b>		<b>Address:</b>	2501 OLIVE AVE W
<b>WDR Place Type:</b>		<b>City:</b>	BURBANK
<b>WDR File:</b>		<b>Zip:</b>	91505
<b>WDR Order:</b>		<b>County:</b>	LOS ANGELES
<b>CUF Priority Assig:</b>		<b>CUF Claim:</b>	
<b>CUF Amount Paid:</b>			
<b>File Location:</b>			
<b>Designated Beneficial Use:</b>	MUN, AGR, IND, PROC		
<b>Project Oversight Agencies:</b>			
<b>Report Link:</b>	<a href="https://geotracker.waterboards.ca.gov/profile_report?global_id=T0603700179">https://geotracker.waterboards.ca.gov/profile_report?global_id=T0603700179</a>		
<b>Cleanup Status Detail:</b>	COMPLETED - CASE CLOSED AS OF 11/30/1995		
<b>Cleanup History Link:</b>	<a href="https://geotracker.waterboards.ca.gov/profile_report_include?global_id=T0603700179&amp;tabname=regulatoryhistory">https://geotracker.waterboards.ca.gov/profile_report_include?global_id=T0603700179&amp;tabname=regulatoryhistory</a>		
<b>Potential Media of Concern:</b>	SOIL		
<b>User Defined Beneficial Use:</b>			
<b>DWR GW Sub Basin:</b>	San Fernando Valley (4-012)		
<b>Calwater Watershed Name:</b>	Los Angeles River - San Fernando - Bull Canyon (412.21)		
<b>Post Closure Site Management:</b>			
<b>Future Land Use:</b>			
<b>Cleanup Oversight Agencies:</b>	LOS ANGELES RWQCB (REGION 4) (LEAD) - CASE #: 110.0282 CASEWORKER: WELL INVESTIGATION PROGRAM BURBANK, CITY OF CASEWORKER: JORGE MARTINEZ		
<b>Gndwater Monitoring Freque:</b>			
<b>Designated Beneficial Use Desc:</b>	Municipal and Domestic Supply, Agricultural Supply, Industrial Service Supply, Industrial Process Supply		
<b>Site History:</b>			

No site history available

**LUST Sites from GeoTracker Search - Cleanup Status History (as of Feb 24, 2020)**

<b>Status:</b>	Completed - Case Closed
<b>Date :</b>	11/30/1995
<b>Status:</b>	Open - Case Begin Date
<b>Date :</b>	11/30/1995

**LUST Sites from GeoTracker Search - Regulatory Activities (as of Feb 24, 2020)**

<b>Action Type:</b>	Leak Action
<b>Action Date:</b>	2/25/1997
<b>Received Issue Date:</b>	
<b>Action:</b>	Leak Discovery
<b>Doc Link:</b>	
<b>Title Description Comments:</b>	
<b>Action Type:</b>	Leak Action
<b>Action Date:</b>	2/25/1997
<b>Received Issue Date:</b>	
<b>Action:</b>	Leak Reported
<b>Doc Link:</b>	
<b>Title Description Comments:</b>	
<b>Action Type:</b>	Leak Action
<b>Action Date:</b>	2/17/1997
<b>Received Issue Date:</b>	
<b>Action:</b>	Leak Stopped
<b>Doc Link:</b>	
<b>Title Description Comments:</b>	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
<a href="#">28</a>	2 of 7	NNE	0.15 / 800.55	532.23 / -1	2501 W OLIVE AVE BURBANK CA 91505	LA HMS

Site No: 009548  
Area: 3E

**Detail Info**

Permit No:	00000452T	Permit Status Code:	REM
Permit Cat Desc:	Underground Storage Tank	Permit Category:	T
Status Code:	REM	File No:	009368
Status Desc:	Equipment Removed	File Name:	SARQUIZ MOBIL SERVICE STATION
Permit Status Desc:	Equipment Removed		
Permit Type:	0		
Permit Type Desc:	Underground Storage Tank Operating Permit		

<a href="#">28</a>	3 of 7	NNE	0.15 / 800.55	532.23 / -1	Chevron G & M #75 2501 W Olive AVE Burbank CA 91505	BURBANK CUPA
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CERS ID: 10138289  
Status: Active  
Program Element: HazMat/UST

<a href="#">28</a>	4 of 7	NNE	0.15 / 800.55	532.23 / -1	G & M OIL CO, LLC #75 2501 W OLIVE AVE BURBANK CA 91504	EMISSIONS
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**2015 Toxic Data**

Facility ID:	116019	COID:	LA
Facility SIC Code:	9999	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 Toxic Data**

Facility ID:	116019	TS:	
Facility SIC Code:	5541	HRA:	
CERR CODE:		CH Index:	
COID:	LA	AH Index:	
CO:	19	Air Basin:	SC
DISN:	SOUTH COAST AQMD	District:	SC
CHAPIS:			

**2017 Toxic Data**

Facility ID:	116019	COID:	LA
Facility SIC Code:	9999	DISN:	SOUTH COAST AQMD
CO:	19	CHAPIS:	
Air Basin:	SC	CERR Code:	
District:	SC		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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TS:  
 Health Risk Asmt:  
 Non-Cancer Chronic Haz Ind:  
 Non-Cancer Acute Haz Ind:

**2018 Toxic Data**

Facility ID:	116019	COID:	LA
Facility SIC Code:	9999	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:

<a href="#">28</a>	5 of 7	NNE	0.15 / 800.55	532.23 / -1	<b>Chevron (G&amp;M #75) 2501 W OLIVE AVE BURBANK CA 91504</b>	<b>CERS TANK</b>
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Site ID:	18271	Latitude:	34.161150
County:	Los Angeles County	Longitude:	-118.329960

**Regulated Programs**

EI ID: 10138289  
 EI Description: Underground Storage Tank

EI ID: 10138289  
 EI Description: Chemical Storage Facilities

EI ID: 10138289  
 EI Description: Hazardous Waste Generator

**Violations**

Violation Date:	06/15/2016	Violation Source:	CERS
Violation Program:	UST	Violation Division:	Burbank Fire Department
Citation:	23 CCR 16 2643(b)(2) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2643(b)(2)		
Violation Notes:			

Returned to compliance on 10/14/2016. Repair of ATG. Another attempt was made on 9-30-16 ATG Failed again. Company will schedule another test. Repair made.

**Violation Description:**

Failure of the automatic tank gauge (ATG) to test the tank at least once per month when the product level in the tank is at least three feet and shall be capable of detecting a release of 0.1 gallons per hour.

**Violations**

Violation Date:	06/25/2015	Violation Source:	CERS
Violation Program:	UST	Violation Division:	Burbank Fire Department
Citation:	23 CCR 16 2715(c)(2) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2715(c)(2)		
Violation Notes:			

Returned to compliance on 08/28/2015. Spill Bucket failed Testing Was repaired and Retested on 8-28-15 By Steve Loera of Clean Air Testing. Bucket Passed.

**Violation Description:**

Failure to comply with one or more of the following: maintain the spill bucket in good condition, containment free of debris/liquid, and/or to remove the

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction</b>	<b>Distance (mi/ft)</b>	<b>Elev/Diff (ft)</b>	<b>Site</b>	<b>DB</b>
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contents of the spill bucket when a release/leak/spill was observed.

**Violations**

**Violation Date:** 06/16/2017  
**Violation Program:** UST  
**Citation:** HSC 6.7 25291(a)(1) - California Health and Safety Code, Chapter 6.7, Section(s) 25291(a)(1)  
**Violation Notes:**

**Violation Source:** CERS  
**Violation Division:** Burbank Fire Department

Returned to compliance on 07/25/2017. 87 Turbine would not turn on per testing company they believe it might be a 208 sensor or leak detector. Repair is set for 7-25-17.

**Violation Description:**

Failure to construct, operate, and maintain primary containment as product-tight.

**Evaluations**

**Eval Date:** 03/21/2014  
**Violations Found:** No  
**Eval General Type:** Compliance Evaluation Inspection  
**Eval Type:** Routine done by local agency  
**Eval Division:** Burbank Fire Department  
**Eval Program:** UST  
**Eval Source:** CERS  
**Eval Notes:**

SB 989 Test No Violations.; Note: data in [EVAL Notes] field for some records is truncated from the source.

**Eval Date:** 06/16/2017  
**Violations Found:** No  
**Eval General Type:** Compliance Evaluation Inspection  
**Eval Type:** Routine done by local agency  
**Eval Division:** Burbank Fire Department  
**Eval Program:** HMRRP  
**Eval Source:** CERS  
**Eval Notes:**

Inspection Complete.; Note: data in [EVAL Notes] field for some records is truncated from the source.

**Eval Date:** 06/15/2016  
**Violations Found:** No  
**Eval General Type:** Compliance Evaluation Inspection  
**Eval Type:** Routine done by local agency  
**Eval Division:** Burbank Fire Department  
**Eval Program:** UST  
**Eval Source:** CERS  
**Eval Notes:**

Annual Inspection Completed By Daniel King.; Note: data in [EVAL Notes] field for some records is truncated from the source.

**Eval Date:** 08/20/2019  
**Violations Found:** No  
**Eval General Type:** Compliance Evaluation Inspection  
**Eval Type:** Routine done by local agency  
**Eval Division:** Burbank Fire Department  
**Eval Program:** UST  
**Eval Source:** CERS  
**Eval Notes:**

Annual Inspection Completed By Daniel King.; Note: data in [EVAL Notes] field for some records is truncated from the source.

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction</b>	<b>Distance (mi/ft)</b>	<b>Elev/Diff (ft)</b>	<b>Site</b>	<b>DB</b>
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**Eval Date:** 08/03/2015  
**Violations Found:** No  
**Eval General Type:** Other/Unknown  
**Eval Type:** Other, not routine, done by local agency  
**Eval Division:** Burbank Fire Department  
**Eval Program:** UST  
**Eval Source:** CERS  
**Eval Notes:**

ATG was Tested By Tank-Tek and Passed. \*Inspection Type changed to Other to reflect date of re-inspection/Return to Compliance Date\*; Note: data in [EVAL Notes] field for some records is truncated from the source.

**Eval Date:** 06/16/2017  
**Violations Found:** Yes  
**Eval General Type:** Compliance Evaluation Inspection  
**Eval Type:** Routine done by local agency  
**Eval Division:** Burbank Fire Department  
**Eval Program:** UST  
**Eval Source:** CERS  
**Eval Notes:**

Annual Inspection Completed By Daniel King. Sensor not working in 87 Turbine.; Note: data in [EVAL Notes] field for some records is truncated from the source.

**Eval Date:** 06/19/2020  
**Violations Found:** No  
**Eval General Type:** Compliance Evaluation Inspection  
**Eval Type:** Routine done by local agency  
**Eval Division:** Burbank Fire Department  
**Eval Program:** UST  
**Eval Source:** CERS  
**Eval Notes:**

Annual Inspection Completed by Daniel King.; Note: data in [EVAL Notes] field for some records is truncated from the source.

**Eval Date:** 06/25/2015  
**Violations Found:** Yes  
**Eval General Type:** Compliance Evaluation Inspection  
**Eval Type:** Routine done by local agency  
**Eval Division:** Burbank Fire Department  
**Eval Program:** UST  
**Eval Source:** CERS  
**Eval Notes:**

Completed Annual Inspection.Monitoring Syatem Certification was completed by Tank - Tek Enviromental Corporation. Tank - Tek stated that they were uable to test ATG Function on 87(N), Diesel and 91 due to not having enough fuel. Also the 87(S) vapor Bucket failed. The ATG was retested on 8-3-15 and passed.per testing company.; Note: data in [EVAL Notes] field for some records is truncated from the source.

**Eval Date:** 06/25/2015  
**Violations Found:** No  
**Eval General Type:** Compliance Evaluation Inspection  
**Eval Type:** Routine done by local agency  
**Eval Division:** Burbank Fire Department  
**Eval Program:** HMRRP  
**Eval Source:** CERS  
**Eval Notes:**

Completed Hazardous material Inspection.; Note: data in [EVAL Notes] field for some records is truncated from the source.

**Eval Date:** 02/28/2017  
**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:** HW

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction</b>	<b>Distance (mi/ft)</b>	<b>Elev/Diff (ft)</b>	<b>Site</b>	<b>DB</b>
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**Eval Source:** CERS  
**Eval Notes:**

Mario Reyes; Note: data in [EVAL Notes] field for some records is truncated from the source.

**Eval Date:** 06/15/2016  
**Violations Found:** Yes  
**Eval General Type:** Compliance Evaluation Inspection  
**Eval Type:** Routine done by local agency  
**Eval Division:** Burbank Fire Department  
**Eval Program:** UST  
**Eval Source:** CERS  
**Eval Notes:**

ATG Functional Test Was done By Tank-Tek Both 87 Tanks Failed. Significant Operational Compliance updated to "With both Release Detection and Release Prevention" on 12/29/2016; Note: data in [EVAL Notes] field for some records is truncated from the source.

**Eval Date:** 06/14/2018  
**Violations Found:** No  
**Eval General Type:** Compliance Evaluation Inspection  
**Eval Type:** Routine done by local agency  
**Eval Division:** Burbank Fire Department  
**Eval Program:** UST  
**Eval Source:** CERS  
**Eval Notes:**

Annual Inspection Completed By Daniel King; Note: data in [EVAL Notes] field for some records is truncated from the source.

**Eval Date:** 07/13/2020  
**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:** HW  
**Eval Source:** CERS  
**Eval Notes:**

Mario Reyes; 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:** 16868 A LANE  
**City:** HUNTINGTON BEACH  
**State:** CA  
**Country:**  
**Zip Code:** 92647  
**Phone:**

**Affil Type Desc:** UST Property Owner Name  
**Entity Name:** G&M GAPCO LLC  
**Entity Title:**  
**Address:** 16868 A LANE  
**City:** HUNTINGTON BEACH  
**State:** CA  
**Country:** United States  
**Zip Code:** 92647  
**Phone:** (714) 375-4700

**Affil Type Desc:** Parent Corporation  
**Entity Name:** G&M OIL CO.  
**Entity Title:**  
**Address:**

City:  
State:  
Country:  
Zip Code:  
Phone:

**Affil Type Desc:** Legal Owner  
**Entity Name:** G&M OIL CO, LLC  
**Entity Title:**  
**Address:** 16868 A LANE  
**City:** HUNTINGTON BEACH  
**State:** CA  
**Country:** United States  
**Zip Code:** 92647  
**Phone:** (714) 375-4700

**Affil Type Desc:** Environmental Contact  
**Entity Name:** MICHAEL GRAY  
**Entity Title:**  
**Address:** 16868 A LANE  
**City:** HUNTINGTON BEACH  
**State:** CA  
**Country:**  
**Zip Code:** 92647  
**Phone:**

**Affil Type Desc:** UST Tank Operator  
**Entity Name:** G&M OIL CO LLC  
**Entity Title:**  
**Address:** 16868 A LANE  
**City:** HUNTINGTON BEACH  
**State:** CA  
**Country:** United States  
**Zip Code:** 92647  
**Phone:** (714) 375-4700

**Affil Type Desc:** UST Tank Owner  
**Entity Name:** G&M OIL CO LLC  
**Entity Title:**  
**Address:** 16868 A LANE  
**City:** HUNTINGTON BEACH  
**State:** CA  
**Country:** United States  
**Zip Code:** 92647  
**Phone:** (714) 375-4700

**Affil Type Desc:** Operator  
**Entity Name:** G&M OIL CO., LLC  
**Entity Title:**  
**Address:**  
**City:**  
**State:**  
**Country:**  
**Zip Code:**  
**Phone:** (714) 375-4700

**Affil Type Desc:** Identification Signer  
**Entity Name:** SOLEDAD GERMAN  
**Entity Title:** COMPLIANCE ADMINISTRATOR  
**Address:**  
**City:**  
**State:**  
**Country:**  
**Zip Code:**  
**Phone:**

**Affil Type Desc:** UST Permit Applicant  
**Entity Name:** SOLEDAD GERMAN for G&M OIL CO.  
**Entity Title:** COMPLIANCE ADMINISTRATOR

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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**Address:**  
**City:**  
**State:**  
**Country:**  
**Zip Code:**  
**Phone:** (714) 475-6375

**Affil Type Desc:** CUPA District  
**Entity Name:** Los Angeles County Fire  
**Entity Title:**  
**Address:** 5825 Rickenbacker Road  
**City:** Commerce  
**State:** CA  
**Country:**  
**Zip Code:** 90040-3027  
**Phone:** (323) 890-4000

**Affil Type Desc:** Document Preparer  
**Entity Name:** HORTENSIA NAVARRO  
**Entity Title:**  
**Address:**  
**City:**  
**State:**  
**Country:**  
**Zip Code:**  
**Phone:**

<a href="#">28</a>	6 of 7	NNE	0.15 / 800.55	532.23 / -1	G & M OIL CO 2501 W OLIVE AVE BURBANK CA 91505-4524	RCRA NON GEN
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**EPA Handler ID:** CAL000190914  
**Gen Status Universe:** No Report  
**Contact Name:** SOLEDAD GERMAN  
**Contact Address:** 16868 A LANE , , HUNTINGTON BEACH , CA, 92647 ,  
**Contact Phone No and Ext:** 714-375-4700  
**Contact Email:** SGERMAN@GMOC.COM  
**Contact Country:**  
**County Name:** LOS ANGELES  
**EPA Region:** 09  
**Land Type:**  
**Receive Date:** 20000121

**Violation/Evaluation Summary**

**Note:** NO RECORDS: As of May 2020, 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

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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**Hazardous Waste Handler Details**

Sequence No: 1  
 Receive Date: 20000121  
 Handler Name: G & M OIL CO  
 Source Type: Implementer  
 Federal Waste Generator Code: N  
 Generator Code Description: Not a Generator, Verified

**Owner/Operator Details**

<b>Owner/Operator Ind:</b>	Current Owner	<b>Street No:</b>	
<b>Type:</b>	Other	<b>Street 1:</b>	16868 A LN
<b>Name:</b>	G & M OIL CO LLC	<b>Street 2:</b>	
<b>Date Became Current:</b>		<b>City:</b>	HUNTINGTON BEACH
<b>Date Ended Current:</b>		<b>State:</b>	CA
<b>Phone:</b>	714-375-4700	<b>Country:</b>	
<b>Source Type:</b>	Implementer	<b>Zip Code:</b>	92647-0000

<b>Owner/Operator Ind:</b>	Current Operator	<b>Street No:</b>	
<b>Type:</b>	Other	<b>Street 1:</b>	16868 A LANE
<b>Name:</b>	SOLEDAD GERMAN	<b>Street 2:</b>	
<b>Date Became Current:</b>		<b>City:</b>	HUNTINGTON BEACH
<b>Date Ended Current:</b>		<b>State:</b>	CA
<b>Phone:</b>	714-375-4700	<b>Country:</b>	
<b>Source Type:</b>	Implementer	<b>Zip Code:</b>	92647

<a href="#">28</a>	7 of 7	NNE	0.15 / 800.55	532.23 / -1	CHEVRON (G&M #75) 2501 W OLIVE AVE BURBANK CA 91504	LA COUNTY CUPA
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Facility ID: FA0019162  
 CERS ID: 10138289

**Active Facility Details**

PE: 7020  
 PE: 1001  
 PE: 7024

**Inactive Facility Details**

PE: 7024  
 PE: 7020

<a href="#">29</a>	1 of 1	N	0.16 / 852.19	533.36 / 1	Chevron (G&M #75) 2501 W OLIVE AVE Burbank CA 91504	UST
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Facility ID: 00691  
 CERS ID: 10138289  
 County: Los Angeles  
 Permitting Agency: Los Angeles County Fire Department  
 Note: Information related to facilities can be searched on Geo Tracker Website: <https://geotracker.waterboards.ca.gov/search>  
 Site Facility Type: PERMITTED UNDERGROUND STORAGE TANK (UST)  
 Source: Permitted Underground Storage Tank (UST) Data Download

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
<a href="#">30</a>	1 of 1	N	0.16 / 853.56	533.36 / 1	SARQUIZ CHEVRON (FORMER MEPCO SERVICE STA.) 2501 OLIVE AVE BURBANK CA 91504	LUST

**Global ID:** T0603700180  
**Status:** COMPLETED - CASE CLOSED  
**Status Date:** 12/22/2004  
**Case Type:** LUST CLEANUP SITE  
**Date Source:** LUST Cleanup Sites from GeoTracker Search; LUST Cleanup Sites from GeoTracker Cleanup Sites Data Download

**County:** LOS ANGELES  
**Latitude:** 34.161123  
**Longitude:** -118.329978

**LUST Cleanup Sites from GeoTracker Cleanup Sites Data Download - Facilities Detail**

**RB Case No:** 110.0282A  
**Local Case No:**  
**Begin Date:** 12/10/1999  
**Lead Agency:** LOS ANGELES RWQCB (REGION 4)  
**Local Agency:** BURBANK, CITY OF  
**CUF Case:** YES  
**Potential Media of Concern:** Soil  
**How Discovered Description:**  
**Calwater Watershed Name:** Los Angeles River - San Fernando - Bull Canyon (412.21)  
**DWR GW Subbasin Name:** San Fernando Valley (4-012)  
**Disadvantaged Community:**  
**Site History:**

**Potential COC:** Gasoline  
**How Discovered:**  
**Stop Method:**  
**Stop Description:**  
**Case Worker:** MB  
**File Location:**

**Regulatory Activity**

**Action Type:** ENFORCEMENT  
**Date :** 12/22/2004  
**Action:** Closure/No Further Action Letter

**Action Type:** ENFORCEMENT  
**Date :** 12/13/2004  
**Action:** Site Visit / Inspection / Sampling

**Action Type:** RESPONSE  
**Date :** 7/15/2003  
**Action:** Monitoring Report - Quarterly

**Action Type:** RESPONSE  
**Date :** 4/15/2003  
**Action:** Monitoring Report - Quarterly

**Action Type:** RESPONSE  
**Date :** 1/15/2003  
**Action:** Monitoring Report - Quarterly

**Action Type:** RESPONSE  
**Date :** 10/15/2002  
**Action:** Monitoring Report - Quarterly

**Action Type:** ENFORCEMENT  
**Date :** 2/5/2002  
**Action:** Staff Letter

**Action Type:** Other  
**Date :** 12/10/1999  
**Action:** Leak Reported

**Regulatory Contacts**

**Contact Type:** Local Agency Caseworker  
**Contact Name:** JORGE MARTINEZ  
**Address:** 311 E ORANGE GROVE AVE  
**Email:** jmartinez@ci.burbank.ca.us

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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<b>City:</b>	BURBANK	<b>Phone No:</b>	
<b>Organization Name:</b>	BURBANK, CITY OF		
<b>Contact Type:</b>	Regional Board Caseworker	<b>Address:</b>	320 W. 4TH ST., SUITE 200
<b>Contact Name:</b>	MAGDY BAIADY	<b>Email:</b>	mbaiady@waterboards.ca.gov
<b>City:</b>	LOS ANGELES	<b>Phone No:</b>	2135766699
<b>Organization Name:</b>	LOS ANGELES RWQCB (REGION 4)		

**Status History**

<b>Status:</b>	Completed - Case Closed
<b>Status Date:</b>	12/22/2004
<b>Status:</b>	Open - Site Assessment
<b>Status Date:</b>	2/5/2002
<b>Status:</b>	Open - Case Begin Date
<b>Status Date:</b>	12/10/1999
<b>Status:</b>	Open - Site Assessment
<b>Status Date:</b>	12/10/1999

**LUST Sites from GeoTracker Search - Regulatory Profile (as of Feb 24, 2020)**

<b>Site Facility Name:</b>	SARQUIZ CHEVRON (FORMER MEPCO SERVICE STA.)	<b>Potential COC:</b>	GASOLINE
<b>Site Facility Type:</b>	LUST CLEANUP SITE	<b>Facility Type:</b>	
<b>Cleanup Status:</b>	COMPLETED - CASE CLOSED	<b>Composting Method:</b>	
<b>Project Status:</b>		<b>Address:</b>	2501 OLIVE AVE
<b>WDR Place Type:</b>		<b>City:</b>	BURBANK
<b>WDR File:</b>		<b>Zip:</b>	91504
<b>WDR Order:</b>		<b>County:</b>	LOS ANGELES
<b>CUF Priority Assig:</b>	B	<b>CUF Claim:</b>	12480
<b>CUF Amount Paid:</b>	\$87,939		
<b>File Location:</b>			
<b>Designated Beneficial Use:</b>	MUN, AGR, IND, PROC		
<b>Project Oversight Agencies:</b>			
<b>Report Link:</b>	<a href="https://geotracker.waterboards.ca.gov/profile_report?global_id=T0603700180">https://geotracker.waterboards.ca.gov/profile_report?global_id=T0603700180</a>		
<b>Cleanup Status Detail:</b>	COMPLETED - CASE CLOSED AS OF 12/22/2004		
<b>Cleanup History Link:</b>	<a href="https://geotracker.waterboards.ca.gov/profile_report_include?global_id=T0603700180&amp;tabname=regulatoryhistory">https://geotracker.waterboards.ca.gov/profile_report_include?global_id=T0603700180&amp;tabname=regulatoryhistory</a>		
<b>Potential Media of Concern:</b>	SOIL		
<b>User Defined Beneficial Use:</b>			
<b>DWR GW Sub Basin:</b>	San Fernando Valley (4-012)		
<b>Calwater Watershed Name:</b>	Los Angeles River - San Fernando - Bull Canyon (412.21)		
<b>Post Closure Site Management:</b>			
<b>Future Land Use:</b>			
<b>Cleanup Oversight Agencies:</b>	LOS ANGELES RWQCB (REGION 4) (LEAD) - CASE #: 110.0282A CASEWORKER: MAGDY BAIADY BURBANK, CITY OF CASEWORKER: JORGE MARTINEZ		
<b>Gndwater Monitoring Freque:</b>			
<b>Designated Beneficial Use Desc:</b>	Municipal and Domestic Supply, Agricultural Supply, Industrial Service Supply, Industrial Process Supply		
<b>Site History:</b>			

No site history available

**LUST Sites from GeoTracker Search - Cleanup Status History (as of Feb 24, 2020)**

<b>Status:</b>	Completed - Case Closed
<b>Date :</b>	12/22/2004
<b>Status:</b>	Open - Site Assessment
<b>Date :</b>	2/5/2002

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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**Status:** Open - Site Assessment  
**Date :** 12/10/1999

**Status:** Open - Case Begin Date  
**Date :** 12/10/1999

**LUST Sites from GeoTracker Search - Regulatory Activities (as of Feb 24, 2020)**

**Action Type:** Other Regulatory Actions  
**Action Date:** 12/22/2004  
**Received Issue Date:** 12/22/2004  
**Action:** Closure/No Further Action Letter  
**Doc Link:**  
**Title Description Comments:**

**Action Type:** Other Regulatory Actions  
**Action Date:** 12/13/2004  
**Received Issue Date:** 12/13/2004  
**Action:** Site Visit / Inspection / Sampling  
**Doc Link:**  
**Title Description Comments:**

**Action Type:** Response Requested - Reports  
**Action Date:** 7/15/2003  
**Received Issue Date:** 9/2/2003  
**Action:** Monitoring Report - Quarterly  
**Doc Link:**  
**Title Description Comments:**

Monitoring Report - Quarterly

**Action Type:** Response Requested - Reports  
**Action Date:** 4/15/2003  
**Received Issue Date:** 5/5/2003  
**Action:** Monitoring Report - Quarterly  
**Doc Link:**  
**Title Description Comments:**

Monitoring Report - Quarterly

**Action Type:** Response Requested - Reports  
**Action Date:** 1/15/2003  
**Received Issue Date:** 2/13/2003  
**Action:** Monitoring Report - Quarterly  
**Doc Link:**  
**Title Description Comments:**

Monitoring Report - Quarterly

**Action Type:** Response Requested - Reports  
**Action Date:** 10/15/2002  
**Received Issue Date:** 10/15/2002  
**Action:** Monitoring Report - Quarterly  
**Doc Link:**  
**Title Description Comments:**

Monitoring Report - Quarterly

**Action Type:** Other Regulatory Actions  
**Action Date:** 2/5/2002  
**Received Issue Date:** 2/5/2002  
**Action:** Staff Letter  
**Doc Link:**

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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**Title Description Comments:**

**Action Type:** Leak Action  
**Action Date:** 12/10/1999  
**Received Issue Date:**  
**Action:** Leak Reported  
**Doc Link:**  
**Title Description Comments:**

<a href="#">31</a>	1 of 4	NNE	0.17 / 906.02	532.71 / 0	Valvoline Instant Oil Change 2420 W Olive AVE Burbank CA 91506	BURBANK CUPA
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**CERS ID:** 10160719  
**Status:** Active  
**Program Element:** HazMat

<a href="#">31</a>	2 of 4	NNE	0.17 / 906.02	532.71 / 0	Valvoline Instant Oil Change GN0052 2420 W OLIVE AVE BURBANK CA 91506	CERS TANK
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**Site ID:** 165826  
**County:** Los Angeles County  
**Latitude:** 34.161057  
**Longitude:** -118.329193

**Regulated Programs**

**EI ID:** 10160719  
**EI Description:** Aboveground Petroleum Storage  
**EI ID:** 10160719  
**EI Description:** Chemical Storage Facilities  
**EI ID:** 10160719  
**EI Description:** Hazardous Waste Generator

**Violations**

**Violation Date:** 10/02/2019  
**Violation Program:** HW  
**Citation:** 22 CCR 15 66265.173 - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.173  
**Violation Notes:**  
**Violation Source:** CERS  
**Violation Division:** Los Angeles County Fire Department

OBSERVATION: 1x700 gal used oil container located in the service pit was observed open. Missing vent cap. CORRECTIVE ACTION: Submit photos to the CUPA demonstrating that the container listed above has been properly closed.

**Violation Description:**

Failure to meet the following container management requirements:  
(a) A container holding hazardous waste must always be closed during storage, except when it is necessary to add or remove waste.  
(b) A container holding hazardous waste must not be opened, handled, or stored in a manner which may rupture the container or cause it to leak.

**Evaluations**

**Eval Date:** 10/02/2019  
**Violations Found:** Yes  
**Eval General Type:** Compliance Evaluation Inspection  
**Eval Type:** Routine done by local agency  
**Eval Division:** Los Angeles County Fire Department  
**Eval Program:** HW  
**Eval Source:** CERS

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction</b>	<b>Distance (mi/ft)</b>	<b>Elev/Diff (ft)</b>	<b>Site</b>	<b>DB</b>
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**Eval Notes:**

Art Gazaryan; Note: data in [EVAL Notes] field for some records is truncated from the source.

**Eval Date:** 10/20/2016  
**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:** HW  
**Eval Source:** CERS  
**Eval Notes:**

Joe; Note: data in [EVAL Notes] field for some records is truncated from the source.

**Eval Date:** 10/02/2019  
**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:**

Art Gazaryan; Note: data in [EVAL Notes] field for some records is truncated from the source.

**Eval Date:** 10/20/2016  
**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:** APSA  
**Eval Source:** CERS  
**Eval Notes:**

Joe Cruz Art Gazaryan Service Center Manager AGazaryan@VIOC.net; Note: data in [EVAL Notes] field for some records is truncated from the source.

**Eval Date:** 02/24/2017  
**Violations Found:** No  
**Eval General Type:** Compliance Evaluation Inspection  
**Eval Type:** Routine done by local agency  
**Eval Division:** Burbank Fire Department  
**Eval Program:** HMRRP  
**Eval Source:** CERS  
**Eval Notes:**

Inspection by K. Kacmar. Consent by Joseph Cruz. No HMRRP violations.; Note: data in [EVAL Notes] field for some records is truncated from the source.

**Affiliations**

**Affil Type Desc:** Operator  
**Entity Name:** Henley Pacific LA LLC  
**Entity Title:**  
**Address:**  
**City:**  
**State:**  
**Country:**  
**Zip Code:**  
**Phone:** (617) 243-0404

**Affil Type Desc:** Facility Mailing Address  
**Entity Name:** Mailing Address  
**Entity Title:**

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction</b>	<b>Distance (mi/ft)</b>	<b>Elev/Diff (ft)</b>	<b>Site</b>	<b>DB</b>
<b>Address:</b>			17802 Sky Park Circle Ste 104			
<b>City:</b>			Irvine			
<b>State:</b>			CA			
<b>Country:</b>						
<b>Zip Code:</b>			92614-6405			
<b>Phone:</b>						
<b>Affil Type Desc:</b>			Document Preparer			
<b>Entity Name:</b>			Keith Rondeau			
<b>Entity Title:</b>						
<b>Address:</b>						
<b>City:</b>						
<b>State:</b>						
<b>Country:</b>						
<b>Zip Code:</b>						
<b>Phone:</b>						
<b>Affil Type Desc:</b>			Identification Signer			
<b>Entity Name:</b>			Keith Rondeau			
<b>Entity Title:</b>			Asset Protection and EH&S Manager			
<b>Address:</b>						
<b>City:</b>						
<b>State:</b>						
<b>Country:</b>						
<b>Zip Code:</b>						
<b>Phone:</b>						
<b>Affil Type Desc:</b>			Property Owner			
<b>Entity Name:</b>			Tradewinds Properties LLC			
<b>Entity Title:</b>						
<b>Address:</b>			1452 W. Horizon Ridge Parkway, #551			
<b>City:</b>			Henderson			
<b>State:</b>			NV			
<b>Country:</b>			United States			
<b>Zip Code:</b>			89012			
<b>Phone:</b>			(843) 816-3413			
<b>Affil Type Desc:</b>			Legal Owner			
<b>Entity Name:</b>			Henley Pacific LA LLC			
<b>Entity Title:</b>						
<b>Address:</b>			54 Jaconnet St Ste 100			
<b>City:</b>			Newton Highlands			
<b>State:</b>			MA			
<b>Country:</b>			United States			
<b>Zip Code:</b>			02461			
<b>Phone:</b>			(617) 243-0404			
<b>Affil Type Desc:</b>			Environmental Contact			
<b>Entity Name:</b>			Keith Rondeau			
<b>Entity Title:</b>						
<b>Address:</b>			54 Jaconnet St Ste 100			
<b>City:</b>			Newton			
<b>State:</b>			MA			
<b>Country:</b>						
<b>Zip Code:</b>			02461			
<b>Phone:</b>						
<b>Affil Type Desc:</b>			CUPA District			
<b>Entity Name:</b>			Los Angeles County Fire			
<b>Entity Title:</b>						
<b>Address:</b>			5825 Rickenbacker Road			
<b>City:</b>			Commerce			
<b>State:</b>			CA			
<b>Country:</b>						
<b>Zip Code:</b>			90040-3027			
<b>Phone:</b>			(323) 890-4000			
<b>Affil Type Desc:</b>			Parent Corporation			
<b>Entity Name:</b>			Henley Pacific LA LLC dba Valvoline Instant Oil Change			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Entity Title:  
Address:  
City:  
State:  
Country:  
Zip Code:  
Phone:

**Coordinates**

Env Int Type Code:	HWG	Longitude:	-118.329190
Program ID:	10160719	Coord Name:	
Latitude:	34.161060	Ref Point Type Desc:	Center of a facility or station.

<a href="#">31</a>	3 of 4	NNE	0.17 / 906.02	532.71 / 0	VALVOLINE INSTANT OIL CHANGE GN0052 2420 W OLIVE AVE BURBANK CA 91506	RCRA NON GEN
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EPA Handler ID: CAL000370631  
Gen Status Universe: No Report  
Contact Name: JOSE HERRERA  
Contact Address: 17802 SKY PARK CIRCLE STE 104 , , IRVINE , CA, 92614 ,  
Contact Phone No and Ext: 949-474-1300  
Contact Email: LICENSING@VIOC.NET  
Contact Country:  
County Name: LOS ANGELES  
EPA Region: 09  
Land Type:  
Receive Date: 20120109

**Violation/Evaluation Summary**

Note: NO RECORDS: As of May 2020, 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: 20120109  
Handler Name: VALVOLINE INSTANT OIL CHANGE GN0052  
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
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**Owner/Operator Details**

<b>Owner/Operator Ind:</b>	Current Operator	<b>Street No:</b>	
<b>Type:</b>	Other	<b>Street 1:</b>	17802 SKY PARK CIRCLE STE 104
<b>Name:</b>	JOSE HERRERA	<b>Street 2:</b>	
<b>Date Became Current:</b>		<b>City:</b>	IRVINE
<b>Date Ended Current:</b>		<b>State:</b>	CA
<b>Phone:</b>	949-474-1300	<b>Country:</b>	
<b>Source Type:</b>	Implementer	<b>Zip Code:</b>	92614

<b>Owner/Operator Ind:</b>	Current Owner	<b>Street No:</b>	
<b>Type:</b>	Other	<b>Street 1:</b>	54 JACONNET ST STE 100
<b>Name:</b>	HENLEY PACIFIC LA LLC	<b>Street 2:</b>	
<b>Date Became Current:</b>		<b>City:</b>	NEWTON HIGHLANDS
<b>Date Ended Current:</b>		<b>State:</b>	MA
<b>Phone:</b>	617-243-0404	<b>Country:</b>	
<b>Source Type:</b>	Implementer	<b>Zip Code:</b>	02461-1956

<a href="#"><u>31</u></a>	4 of 4	<b>NNE</b>	0.17 / 906.02	532.71 / 0	<b>VALVOLINE INSTANT OIL CHANGE GN0052 2420 W OLIVE AVE BURBANK CA 91506</b>	<b>LA COUNTY CUPA</b>
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**Facility ID:** FA0019122  
**CERS ID:** 10160719

**Active Facility Details**

**PE:** 1002  
**PE:** 3701  
**PE:** 7020

**Inactive Facility Details**

**PE:** 7020

<a href="#"><u>32</u></a>	1 of 2	<b>N</b>	0.19 / 978.12	534.29 / 2	<b>113 N BUENA VISTA ST BURBANK CA 91502</b>	<b>LA HMS</b>
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**Site No:** 025365  
**Area:** 3E

**Detail Info**

<b>Permit No:</b>		<b>Permit Status Code:</b>	
<b>Permit Cat Desc:</b>		<b>Permit Category:</b>	
<b>Status Code:</b>	OPEN	<b>File No:</b>	034758
<b>Status Desc:</b>	File Opened, no permit exists	<b>File Name:</b>	WALTERS GARAGE
<b>Permit Status Desc:</b>			
<b>Permit Type:</b>			
<b>Permit Type Desc:</b>			

<a href="#"><u>32</u></a>	2 of 2	<b>N</b>	0.19 / 978.12	534.29 / 2	<b>DON WALTERS GARAGE 113 N BUENA VISTA ST BURBANK CA 91505</b>	<b>LA COUNTY CUPA</b>
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**Facility ID:** FA0006010  
**CERS ID:** 0

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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**Inactive Facility Details**

PE: 1001

<a href="#">33</a>	1 of 1	ESE	0.20 / 1,046.17	523.80 / -9	ST JOSEPHS MEDICAL CENTER 501 S BUENA VISTA ST BURBANK CA 91505	DELISTED TNK
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**Delisted Storage Tanks**

<b>Facility ID:</b>	501000	<b>Latitude:</b>	34.1571566
<b>Permitting Agency:</b>	BURBANK, CITY OF	<b>Longitude:</b>	-118.3268647
<b>County:</b>	Los Angeles		
<b>Original Source:</b>	UST		
<b>Record Date:</b>	30-JAN-2017		

<a href="#">34</a>	1 of 1	WSW	0.21 / 1,130.62	533.79 / 1	STUDIO STAR MOBIL 3020 OLIVE AVE W BURBANK CA 91505	LUST
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<b>Global ID:</b>	T0603790017	<b>County:</b>	LOS ANGELES
<b>Status:</b>	COMPLETED - CASE CLOSED	<b>Latitude:</b>	34.157005
<b>Status Date:</b>	7/12/2007	<b>Longitude:</b>	-118.333807
<b>Case Type:</b>	LUST CLEANUP SITE		
<b>Date Source:</b>	LUST Cleanup Sites from GeoTracker Search; LUST Cleanup Sites from GeoTracker Cleanup Sites Data Download		

**LUST Cleanup Sites from GeoTracker Cleanup Sites Data Download - Facilities Detail**

<b>RB Case No:</b>	915050252	<b>Potential COC:</b>	Gasoline
<b>Local Case No:</b>		<b>How Discovered:</b>	* TR
<b>Begin Date:</b>	11/5/1998	<b>Stop Method:</b>	
<b>Lead Agency:</b>	LOS ANGELES RWQCB (REGION 4)	<b>Stop Description:</b>	
<b>Local Agency:</b>	BURBANK, CITY OF	<b>Case Worker:</b>	
<b>CUF Case:</b>	YES	<b>File Location:</b>	Regional Board
<b>Potential Media of Concern:</b>	Aquifer used for drinking water supply		
<b>How Discovered Description:</b>			
<b>Calwater Watershed Name:</b>	Los Angeles River - San Fernando - Bull Canyon (412.21)		
<b>DWR GW Subbasin Name:</b>	San Fernando Valley (4-012)		
<b>Disadvantaged Community:</b>			
<b>Site History:</b>			

**Regulatory Activity**

<b>Action Type:</b>	ENFORCEMENT
<b>Date :</b>	7/12/2007
<b>Action:</b>	Closure/No Further Action Letter
<b>Action Type:</b>	RESPONSE
<b>Date :</b>	4/15/2007
<b>Action:</b>	Soil and Water Investigation Report
<b>Action Type:</b>	RESPONSE
<b>Date :</b>	4/15/2007
<b>Action:</b>	Monitoring Report - Quarterly
<b>Action Type:</b>	ENFORCEMENT
<b>Date :</b>	3/5/2007
<b>Action:</b>	Site Visit / Inspection / Sampling
<b>Action Type:</b>	RESPONSE
<b>Date :</b>	1/15/2007

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction</b>	<b>Distance (mi/ft)</b>	<b>Elev/Diff (ft)</b>	<b>Site</b>	<b>DB</b>
<b>Action:</b>					Soil and Water Investigation Report	
<b>Action Type:</b>					RESPONSE	
<b>Date :</b>					1/15/2007	
<b>Action:</b>					Monitoring Report - Quarterly	
<b>Action Type:</b>					RESPONSE	
<b>Date :</b>					1/12/2007	
<b>Action:</b>					Request for Closure	
<b>Action Type:</b>					RESPONSE	
<b>Date :</b>					10/15/2006	
<b>Action:</b>					Monitoring Report - Quarterly	
<b>Action Type:</b>					RESPONSE	
<b>Date :</b>					10/15/2006	
<b>Action:</b>					Soil and Water Investigation Report	
<b>Action Type:</b>					RESPONSE	
<b>Date :</b>					7/21/2006	
<b>Action:</b>					Other Report / Document	
<b>Action Type:</b>					ENFORCEMENT	
<b>Date :</b>					7/21/2006	
<b>Action:</b>					Staff Letter	
<b>Action Type:</b>					RESPONSE	
<b>Date :</b>					7/15/2006	
<b>Action:</b>					Monitoring Report - Quarterly	
<b>Action Type:</b>					RESPONSE	
<b>Date :</b>					7/15/2006	
<b>Action:</b>					Soil and Water Investigation Report	
<b>Action Type:</b>					RESPONSE	
<b>Date :</b>					4/15/2006	
<b>Action:</b>					Soil and Water Investigation Report	
<b>Action Type:</b>					RESPONSE	
<b>Date :</b>					1/31/2006	
<b>Action:</b>					Soil and Water Investigation Report	
<b>Action Type:</b>					RESPONSE	
<b>Date :</b>					1/15/2006	
<b>Action:</b>					Soil and Water Investigation Report	
<b>Action Type:</b>					RESPONSE	
<b>Date :</b>					1/15/2006	
<b>Action:</b>					Monitoring Report - Quarterly	
<b>Action Type:</b>					ENFORCEMENT	
<b>Date :</b>					1/10/2006	
<b>Action:</b>					13267 Requirement	
<b>Action Type:</b>					RESPONSE	
<b>Date :</b>					10/15/2005	
<b>Action:</b>					Soil and Water Investigation Report	
<b>Action Type:</b>					RESPONSE	
<b>Date :</b>					7/15/2005	
<b>Action:</b>					Soil and Water Investigation Report	
<b>Action Type:</b>					RESPONSE	
<b>Date :</b>					7/15/2005	
<b>Action:</b>					Interim Remedial Action Plan	
<b>Action Type:</b>					RESPONSE	
<b>Date :</b>					4/15/2005	
<b>Action:</b>					Soil and Water Investigation Report	

<i>Map Key</i>	<i>Number of Records</i>	<i>Direction</i>	<i>Distance (mi/ft)</i>	<i>Elev/Diff (ft)</i>	<i>Site</i>	<i>DB</i>
<b>Action Type:</b>		ENFORCEMENT				
<b>Date :</b>		3/30/2005				
<b>Action:</b>		Staff Letter				
<b>Action Type:</b>		RESPONSE				
<b>Date :</b>		1/15/2005				
<b>Action:</b>		Interim Remedial Action Plan				
<b>Action Type:</b>		RESPONSE				
<b>Date :</b>		11/15/2004				
<b>Action:</b>		Soil and Water Investigation Report				
<b>Action Type:</b>		ENFORCEMENT				
<b>Date :</b>		8/10/2004				
<b>Action:</b>		Staff Letter				
<b>Action Type:</b>		RESPONSE				
<b>Date :</b>		10/15/2003				
<b>Action:</b>		Soil and Water Investigation Report				
<b>Action Type:</b>		RESPONSE				
<b>Date :</b>		7/15/2003				
<b>Action:</b>		Soil and Water Investigation Workplan				
<b>Action Type:</b>		ENFORCEMENT				
<b>Date :</b>		2/20/2003				
<b>Action:</b>		13267 Requirement				
<b>Action Type:</b>		ENFORCEMENT				
<b>Date :</b>		11/21/1998				
<b>Action:</b>		Staff Letter				
<b>Action Type:</b>		Other				
<b>Date :</b>		11/21/1998				
<b>Action:</b>		Leak Reported				
<b>Action Type:</b>		REMEDIATION				
<b>Date :</b>		11/5/1998				
<b>Action:</b>		Excavation				
<b>Action Type:</b>		Other				
<b>Date :</b>		11/5/1998				
<b>Action:</b>		Leak Discovery				

**Regulatory Contacts**

<b>Contact Type:</b>	Local Agency Caseworker	<b>Address:</b>	311 E ORANGE GROVE AVE
<b>Contact Name:</b>	JORGE MARTINEZ	<b>Email:</b>	jmartinez@ci.burbank.ca.us
<b>City:</b>	BURBANK	<b>Phone No:</b>	
<b>Organization Name:</b>	BURBANK, CITY OF		

**Status History**

<b>Status:</b>	Completed - Case Closed
<b>Status Date:</b>	7/12/2007
<b>Status:</b>	Open - Site Assessment
<b>Status Date:</b>	8/10/2004
<b>Status:</b>	Open - Site Assessment
<b>Status Date:</b>	11/21/1998
<b>Status:</b>	Open - Verification Monitoring
<b>Status Date:</b>	11/21/1998
<b>Status:</b>	Open - Case Begin Date

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Status Date: 11/5/1998

**LUST Sites from GeoTracker Search - Regulatory Profile (as of Feb 24, 2020)**

<b>Site Facility Name:</b>	STUDIO STAR MOBIL	<b>Potential COC:</b>	GASOLINE
<b>Site Facility Type:</b>	LUST CLEANUP SITE	<b>Facility Type:</b>	
<b>Cleanup Status:</b>	COMPLETED - CASE CLOSED	<b>Composting Method:</b>	
<b>Project Status:</b>		<b>Address:</b>	3020 OLIVE AVE W
<b>WDR Place Type:</b>		<b>City:</b>	BURBANK
<b>WDR File:</b>		<b>Zip:</b>	91505
<b>WDR Order:</b>		<b>County:</b>	LOS ANGELES
<b>CUF Priority Assig:</b>	B	<b>CUF Claim:</b>	13823
<b>CUF Amount Paid:</b>	\$329,472		
<b>File Location:</b>	REGIONAL BOARD		
<b>Designated Beneficial Use:</b>	MUN, AGR, IND, PROC		
<b>Project Oversight Agencies:</b>			
<b>Report Link:</b>	<a href="https://geotracker.waterboards.ca.gov/profile_report?global_id=T0603790017">https://geotracker.waterboards.ca.gov/profile_report?global_id=T0603790017</a>		
<b>Cleanup Status Detail:</b>	COMPLETED - CASE CLOSED AS OF 7/12/2007		
<b>Cleanup History Link:</b>	<a href="https://geotracker.waterboards.ca.gov/profile_report_include?global_id=T0603790017&amp;tabname=regulatoryhistory">https://geotracker.waterboards.ca.gov/profile_report_include?global_id=T0603790017&amp;tabname=regulatoryhistory</a>		
<b>Potential Media of Concern:</b>	AQUIFER USED FOR DRINKING WATER SUPPLY		
<b>User Defined Beneficial Use:</b>			
<b>DWR GW Sub Basin:</b>	San Fernando Valley (4-012)		
<b>Calwater Watershed Name:</b>	Los Angeles River - San Fernando - Bull Canyon (412.21)		
<b>Post Closure Site Management:</b>			
<b>Future Land Use:</b>			
<b>Cleanup Oversight Agencies:</b>	LOS ANGELES RWQCB (REGION 4) (LEAD) - CASE #: 915050252 BURBANK, CITY OF CASEWORKER: JORGE MARTINEZ		
<b>Gndwater Monitoring Freque:</b>			
<b>Designated Beneficial Use Desc:</b>	Municipal and Domestic Supply, Agricultural Supply, Industrial Service Supply, Industrial Process Supply		
<b>Site History:</b>			

No site history available

**LUST Sites from GeoTracker Search - Cleanup Status History (as of Feb 24, 2020)**

<b>Status:</b>	Completed - Case Closed
<b>Date :</b>	7/12/2007
<b>Status:</b>	Open - Site Assessment
<b>Date :</b>	8/10/2004
<b>Status:</b>	Open - Site Assessment
<b>Date :</b>	11/21/1998
<b>Status:</b>	Open - Verification Monitoring
<b>Date :</b>	11/21/1998
<b>Status:</b>	Open - Case Begin Date
<b>Date :</b>	11/5/1998

**LUST Sites from GeoTracker Search - Cleanup Action Report (as of Feb 24, 2020)**

<b>Action Type:</b>	EXCAVATION	<b>Begin Date:</b>	11/5/1998
<b>Phase:</b>	Soil	<b>End Date:</b>	12/5/1998
<b>Contaminant Mass Removed:</b>			
<b>Description:</b>			

**LUST Sites from GeoTracker Search - Regulatory Activities (as of Feb 24, 2020)**

<b>Action Type:</b>	Other Regulatory Actions
<b>Action Date:</b>	7/12/2007
<b>Received Issue Date:</b>	7/12/2007

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction</b>	<b>Distance (mi/ft)</b>	<b>Elev/Diff (ft)</b>	<b>Site</b>	<b>DB</b>
<b>Action:</b>					Closure/No Further Action Letter	
<b>Doc Link:</b>						
<b>Title Description Comments:</b>						
<b>Action Type:</b>					Response Requested - Reports	
<b>Action Date:</b>					4/15/2007	
<b>Received Issue Date:</b>					4/24/2007	
<b>Action:</b>					Monitoring Report - Quarterly	
<b>Doc Link:</b>						
<b>Title Description Comments:</b>						
					Monitoring Report - Quarterly	
<b>Action Type:</b>					Response Requested - Reports	
<b>Action Date:</b>					4/15/2007	
<b>Received Issue Date:</b>					4/24/2007	
<b>Action:</b>					Soil and Water Investigation Report	
<b>Doc Link:</b>						
<b>Title Description Comments:</b>						
					Site Conceptual Model Report	
<b>Action Type:</b>					Other Regulatory Actions	
<b>Action Date:</b>					3/5/2007	
<b>Received Issue Date:</b>					3/5/2007	
<b>Action:</b>					Site Visit / Inspection / Sampling	
<b>Doc Link:</b>						
<b>Title Description Comments:</b>						
<b>Action Type:</b>					Response Requested - Reports	
<b>Action Date:</b>					1/15/2007	
<b>Received Issue Date:</b>					1/11/2007	
<b>Action:</b>					Monitoring Report - Quarterly	
<b>Doc Link:</b>						
<b>Title Description Comments:</b>						
					Monitoring Report - Quarterly	
<b>Action Type:</b>					Response Requested - Reports	
<b>Action Date:</b>					1/15/2007	
<b>Received Issue Date:</b>					1/11/2007	
<b>Action:</b>					Soil and Water Investigation Report	
<b>Doc Link:</b>						
<b>Title Description Comments:</b>						
					Site Conceptual Model Report	
<b>Action Type:</b>					Response Requested - Other	
<b>Action Date:</b>					1/12/2007	
<b>Received Issue Date:</b>					1/12/2007	
<b>Action:</b>					Request for Closure	
<b>Doc Link:</b>						
<b>Title Description Comments:</b>						
					Request for Closure	
<b>Action Type:</b>					Response Requested - Reports	
<b>Action Date:</b>					10/15/2006	
<b>Received Issue Date:</b>					10/23/2006	
<b>Action:</b>					Soil and Water Investigation Report	
<b>Doc Link:</b>						
<b>Title Description Comments:</b>						

Site Conceptual Model Report

**Action Type:** Response Requested - Reports  
**Action Date:** 10/15/2006  
**Received Issue Date:** 10/23/2006  
**Action:** Monitoring Report - Quarterly  
**Doc Link:**  
**Title Description Comments:**

Monitoring Report - Quarterly

**Action Type:** Other Regulatory Actions  
**Action Date:** 7/21/2006  
**Received Issue Date:** 7/21/2006  
**Action:** Staff Letter  
**Doc Link:**  
**Title Description Comments:**

**Action Type:** Response Requested - Other  
**Action Date:** 7/21/2006  
**Received Issue Date:** 7/21/2006  
**Action:** Other Report / Document  
**Doc Link:**  
**Title Description Comments:**

Technical Report - site plan for mw-5 & mw-6

**Action Type:** Response Requested - Reports  
**Action Date:** 7/15/2006  
**Received Issue Date:** 7/24/2006  
**Action:** Monitoring Report - Quarterly  
**Doc Link:**  
**Title Description Comments:**

Monitoring Report - Quarterly

**Action Type:** Response Requested - Reports  
**Action Date:** 7/15/2006  
**Received Issue Date:** 7/24/2006  
**Action:** Soil and Water Investigation Report  
**Doc Link:**  
**Title Description Comments:**

Site Conceptual Model Report

**Action Type:** Response Requested - Reports  
**Action Date:** 4/15/2006  
**Received Issue Date:** 7/21/2006  
**Action:** Soil and Water Investigation Report  
**Doc Link:**  
**Title Description Comments:**

Site Conceptual Model Report

**Action Type:** Response Requested - Reports  
**Action Date:** 1/31/2006  
**Received Issue Date:** 7/21/2006  
**Action:** Soil and Water Investigation Report  
**Doc Link:**  
**Title Description Comments:**

Soil and Water Investigation Report

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction</b>	<b>Distance (mi/ft)</b>	<b>Elev/Diff (ft)</b>	<b>Site</b>	<b>DB</b>
<b>Action Type:</b>					Response Requested - Reports	
<b>Action Date:</b>				*1/31/2006		
<b>Received Issue Date:</b>				7/21/2006		
<b>Action:</b>					Soil and Water Investigation Report	
<b>Doc Link:</b>						
<b>Title Description Comments:</b>						
					Soil and Water Investigation Report	
<b>Action Type:</b>					Response Requested - Reports	
<b>Action Date:</b>				1/15/2006		
<b>Received Issue Date:</b>				2/27/2006		
<b>Action:</b>					Monitoring Report - Quarterly	
<b>Doc Link:</b>						
<b>Title Description Comments:</b>						
					Monitoring Report - Quarterly	
<b>Action Type:</b>					Response Requested - Reports	
<b>Action Date:</b>				1/15/2006		
<b>Received Issue Date:</b>				2/27/2006		
<b>Action:</b>					Soil and Water Investigation Report	
<b>Doc Link:</b>						
<b>Title Description Comments:</b>						
					Site Conceptual Model Report	
<b>Action Type:</b>					Enforcement/Orders	
<b>Action Date:</b>				1/10/2006		
<b>Received Issue Date:</b>				1/10/2006		
<b>Action:</b>					13267 Requirement	
<b>Doc Link:</b>						
<b>Title Description Comments:</b>						
<b>Action Type:</b>					Response Requested - Reports	
<b>Action Date:</b>				10/15/2005		
<b>Received Issue Date:</b>				11/28/2005		
<b>Action:</b>					Soil and Water Investigation Report	
<b>Doc Link:</b>						
<b>Title Description Comments:</b>						
					Estimated Plume Travel Time	
<b>Action Type:</b>					Response Requested - Reports	
<b>Action Date:</b>				10/15/2005		
<b>Received Issue Date:</b>				11/28/2005		
<b>Action:</b>					Soil and Water Investigation Report	
<b>Doc Link:</b>						
<b>Title Description Comments:</b>						
					Site Conceptual Model Report	
<b>Action Type:</b>					Response Requested - Workplans	
<b>Action Date:</b>				7/15/2005		
<b>Received Issue Date:</b>				8/10/2005		
<b>Action:</b>					Interim Remedial Action Plan	
<b>Doc Link:</b>						
<b>Title Description Comments:</b>						
					Interim Remedial Action Plan	
<b>Action Type:</b>					Response Requested - Reports	
<b>Action Date:</b>				7/15/2005		

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction</b>	<b>Distance (mi/ft)</b>	<b>Elev/Diff (ft)</b>	<b>Site</b>	<b>DB</b>
<b>Received Issue Date:</b>			8/10/2005			
<b>Action:</b>			Soil and Water Investigation Report			
<b>Doc Link:</b>						
<b>Title Description Comments:</b>						
			Site Conceptual Model Report			
<b>Action Type:</b>			Response Requested - Reports			
<b>Action Date:</b>			4/15/2005			
<b>Received Issue Date:</b>			6/6/2005			
<b>Action:</b>			Soil and Water Investigation Report			
<b>Doc Link:</b>						
<b>Title Description Comments:</b>						
			Site Conceptual Model Report			
<b>Action Type:</b>			Response Requested - Reports			
<b>Action Date:</b>			*4/15/2005			
<b>Received Issue Date:</b>			2/17/2005			
<b>Action:</b>			Soil and Water Investigation Report			
<b>Doc Link:</b>						
<b>Title Description Comments:</b>						
			Site Conceptual Model Report			
<b>Action Type:</b>			Other Regulatory Actions			
<b>Action Date:</b>			3/30/2005			
<b>Received Issue Date:</b>			3/30/2005			
<b>Action:</b>			Staff Letter			
<b>Doc Link:</b>						
<b>Title Description Comments:</b>						
<b>Action Type:</b>			Response Requested - Workplans			
<b>Action Date:</b>			*1/15/2005			
<b>Received Issue Date:</b>			2/17/2005			
<b>Action:</b>			Interim Remedial Action Plan			
<b>Doc Link:</b>						
<b>Title Description Comments:</b>						
			Interim Remedial Action Plan			
<b>Action Type:</b>			Response Requested - Reports			
<b>Action Date:</b>			11/15/2004			
<b>Received Issue Date:</b>			2/17/2005			
<b>Action:</b>			Soil and Water Investigation Report			
<b>Doc Link:</b>						
<b>Title Description Comments:</b>						
			Soil and Water Investigation Report			
<b>Action Type:</b>			Other Regulatory Actions			
<b>Action Date:</b>			8/10/2004			
<b>Received Issue Date:</b>			8/10/2004			
<b>Action:</b>			Staff Letter			
<b>Doc Link:</b>						
<b>Title Description Comments:</b>						
<b>Action Type:</b>			Response Requested - Reports			
<b>Action Date:</b>			10/15/2003			
<b>Received Issue Date:</b>			7/28/2004			
<b>Action:</b>			Soil and Water Investigation Report			
<b>Doc Link:</b>						
<b>Title Description Comments:</b>						

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction</b>	<b>Distance (mi/ft)</b>	<b>Elev/Diff (ft)</b>	<b>Site</b>	<b>DB</b>
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Estimated Plume Travel Time - PLUME TRAVEL TIME

**Action Type:** Response Requested - Workplans  
**Action Date:** 7/15/2003  
**Received Issue Date:** 7/28/2004  
**Action:** Soil and Water Investigation Workplan  
**Doc Link:**  
**Title Description Comments:**

MTBE Investigation Workplan

**Action Type:** Enforcement/Orders  
**Action Date:** 2/20/2003  
**Received Issue Date:** 2/20/2003  
**Action:** 13267 Requirement  
**Doc Link:**  
**Title Description Comments:**

**Action Type:** Other Regulatory Actions  
**Action Date:** 11/21/1998  
**Received Issue Date:** 11/21/1998  
**Action:** Staff Letter  
**Doc Link:**  
**Title Description Comments:**

**Action Type:** Leak Action  
**Action Date:** 11/21/1998  
**Received Issue Date:**  
**Action:** Leak Reported  
**Doc Link:**  
**Title Description Comments:**

**Action Type:** Leak Action  
**Action Date:** 11/5/1998  
**Received Issue Date:**  
**Action:** Leak Discovery  
**Doc Link:**  
**Title Description Comments:**

**Action Type:** Cleanup Action  
**Action Date:** 11/5/1998  
**Received Issue Date:**  
**Action:** Excavation  
**Doc Link:**  
**Title Description Comments:**

**LUST Sites from GeoTracker Search - Site Maps (as of Feb 24, 2020)**

**Title:** GEO\_BORE (MW-6)  
**Link:** [https://geotracker.waterboards.ca.gov/esi/uploads/geo\\_bore/7893751382/T0603790017.pdf](https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/7893751382/T0603790017.pdf)  
**Size :** 41 KB  
**Submitted By:** AMI ADINI & ASSOC. (AUTH\_RP)  
**Submitted:** 1/4/2007

**Title:** GEO\_BORE (MW-5)  
**Link:** [https://geotracker.waterboards.ca.gov/esi/uploads/geo\\_bore/7880802750/T0603790017.pdf](https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/7880802750/T0603790017.pdf)  
**Size :** 41 KB  
**Submitted By:** AMI ADINI & ASSOC. (AUTH\_RP)  
**Submitted:** 1/4/2007

**Title:** GEO\_MAP

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
<b>Link:</b>					https://geotracker.waterboards.ca.gov/esi/uploads/geo_map/9657057046/T0603790017.pdf	
<b>Size :</b>					77 KB	
<b>Submitted By:</b>					AMI ADINI & ASSOC. (AUTH_RP)	
<b>Submitted:</b>					12/26/2006	
<b>Title:</b>					GEO_MAP	
<b>Link:</b>					https://geotracker.waterboards.ca.gov/esi/uploads/geo_map/9075408756/T0603790017.pdf	
<b>Size :</b>					333 KB	
<b>Submitted By:</b>					AMI ADINI & ASSOC. (AUTH_RP)	
<b>Submitted:</b>					12/29/2005	
<b>Title:</b>					GEO_MAP	
<b>Link:</b>					https://geotracker.waterboards.ca.gov/esi/uploads/geo_map/1639508903/T0603790017.pdf	
<b>Size :</b>					43 KB	
<b>Submitted By:</b>					AMI ADINI & ASSOC. (AUTH_RP)	
<b>Submitted:</b>					12/29/2005	

**LUST Sites from GeoTracker Search - Documents (as of Feb 24, 2020)**

<b>Document Type:</b>	Site Documents	<b>Size :</b>	1,279 KB
<b>Document Date:</b>	1/15/2010*	<b>Submitted By:</b>	AMI ADINI & ASSOC. (AUTH_RP)
<b>Type:</b>	WELL DESTRUCTION REPORT	<b>Submitted:</b>	
<b>Title:</b>	WELL ABANDONMENT REPORT - JANUARY 2010		
<b>Title Link:</b>	https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/3001382291/T0603790017.PDF		
<b>Document Type:</b>	Monitoring Reports	<b>Size :</b>	5,853 KB
<b>Document Date:</b>	9/25/2007	<b>Submitted By:</b>	AMI ADINI & ASSOC. (AUTH_RP)
<b>Type:</b>	MONITORING REPORT - QUARTERLY	<b>Submitted:</b>	
<b>Title:</b>	GW MONITORING REPORT 2NDQTR 2007		
<b>Title Link:</b>	https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/4406100213/T0603790017.PDF		
<b>Document Type:</b>	Monitoring Reports	<b>Size :</b>	6,906 KB
<b>Document Date:</b>	4/25/2007	<b>Submitted By:</b>	AMI ADINI & ASSOC. (AUTH_RP)
<b>Type:</b>	MONITORING REPORT - QUARTERLY	<b>Submitted:</b>	
<b>Title:</b>	SCMU 1STQTR 2007		
<b>Title Link:</b>	https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/2139469981/T0603790017.PDF		
<b>Document Type:</b>	Site Documents	<b>Size :</b>	14,438 KB
<b>Document Date:</b>	1/15/2007	<b>Submitted By:</b>	AMI ADINI & ASSOC. (AUTH_RP)
<b>Type:</b>	REPORTS - CLOSURE RPT.	<b>Submitted:</b>	
<b>Title:</b>	SITE CLOSURE APPLICATION PACKAGE 2007 (PART 2)		
<b>Title Link:</b>	https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/4536191642/T0603790017.PDF		
<b>Document Type:</b>	Site Documents	<b>Size :</b>	6,085 KB
<b>Document Date:</b>	1/15/2007	<b>Submitted By:</b>	AMI ADINI & ASSOC. (AUTH_RP)
<b>Type:</b>	REPORTS - CLOSURE RPT.	<b>Submitted:</b>	
<b>Title:</b>	SITE CLOSURE APPLICATION PACKAGE 2007 (PART 3)		
<b>Title Link:</b>	https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/3765185296/T0603790017.PDF		
<b>Document Type:</b>	Monitoring Reports	<b>Size :</b>	6,763 KB
<b>Document Date:</b>	1/15/2007	<b>Submitted By:</b>	AMI ADINI & ASSOC. (AUTH_RP)
<b>Type:</b>	MONITORING REPORT - QUARTERLY	<b>Submitted:</b>	
<b>Title:</b>	SCMU_4THQTR2006		
<b>Title Link:</b>	https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/1322356998/T0603790017.PDF		
<b>Document Type:</b>	Site Documents	<b>Size :</b>	9,187 KB
<b>Document Date:</b>	1/15/2007	<b>Submitted By:</b>	AMI ADINI & ASSOC. (AUTH_RP)
<b>Type:</b>	REPORTS - CLOSURE RPT.	<b>Submitted:</b>	
<b>Title:</b>	SITE CLOSURE APPLICATION PACKAGE 2007		
<b>Title Link:</b>	https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/2665865838/T0603790017.PDF		
<b>Document Type:</b>	Monitoring Reports	<b>Size :</b>	7,632 KB
<b>Document Date:</b>	12/26/2006	<b>Submitted By:</b>	AMI ADINI & ASSOC. (AUTH_RP)
<b>Type:</b>	MONITORING REPORT - QUARTERLY	<b>Submitted:</b>	
<b>Title:</b>	SCMU & WELLINSTALL_3RDQTR_2006 REPORT		
<b>Title Link:</b>	https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/4959538102/T0603790017.PDF		
<b>Document Type:</b>	Monitoring Reports	<b>Size :</b>	5,581 KB

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
<b>Document Date:</b>	9/13/2006				<b>Submitted By:</b> AMI ADINI & ASSOC. (AUTH_RP)	
<b>Type:</b>	MONITORING REPORT - QUARTERLY				<b>Submitted:</b>	
<b>Title:</b>	SCMU_2NDQTR2006					
<b>Title Link:</b>	https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/1159502923/T0603790017.PDF					
<b>Document Type:</b>	Monitoring Reports			<b>Size :</b>	4,836 KB	
<b>Document Date:</b>	4/26/2006			<b>Submitted By:</b>	AMI ADINI & ASSOC. (AUTH_RP)	
<b>Type:</b>	MONITORING REPORT - QUARTERLY			<b>Submitted:</b>		
<b>Title:</b>	SCMU_2005_APRIL					
<b>Title Link:</b>	https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/5532239615/T0603790017.PDF					
<b>Document Type:</b>	Site Documents			<b>Size :</b>	5,310 KB	
<b>Document Date:</b>	3/21/2006			<b>Submitted By:</b>	AMI ADINI & ASSOC. (AUTH_RP)	
<b>Type:</b>	REPORTS - OTHER			<b>Submitted:</b>		
<b>Title:</b>	WEBB_P15_SCMU_REPORT_FEB2006_FULLREPORT.PDF					
<b>Title Link:</b>	https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/6406339347/T0603790017.PDF					
<b>Document Type:</b>	Monitoring Reports			<b>Size :</b>	6,068 KB	
<b>Document Date:</b>	12/29/2005			<b>Submitted By:</b>	AMI ADINI & ASSOC. (AUTH_RP)	
<b>Type:</b>	MONITORING REPORT - QUARTERLY			<b>Submitted:</b>		
<b>Title:</b>	SCMU_2005_AUGUST_FULLREPORT					
<b>Title Link:</b>	https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/3972318351/T0603790017.PDF					
<b>Document Type:</b>	Monitoring Reports			<b>Size :</b>	5,431 KB	
<b>Document Date:</b>	12/27/2005			<b>Submitted By:</b>	AMI ADINI & ASSOC. (AUTH_RP)	
<b>Type:</b>	MONITORING REPORT - QUARTERLY			<b>Submitted:</b>		
<b>Title:</b>	WEBB_P15_SCMU_2005_NOVEMBER_FULLREPORT					
<b>Title Link:</b>	https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/3880445182/T0603790017.PDF					

[35](#) 1 of 1 SE 0.22 / 523.94 / THE WALT DISNEY COMPANY EMISSIONS  
1,137.50 -9 500 S BUENA VISTA & 2101 RIVER  
BURBANK CA 91521

**1997 Criteria Data**

<b>Facility ID:</b>	2852	<b>CERR Code:</b>	
<b>Facility SIC Code:</b>	7812	<b>TOGT:</b>	26.45603
<b>CO:</b>	19	<b>ROGT:</b>	12.992031974
<b>Air Basin:</b>	SC	<b>COT:</b>	.099
<b>District:</b>	SC	<b>NOXT:</b>	.37
<b>COID:</b>	LA	<b>SOXT:</b>	.213
<b>DISN:</b>	SOUTH COAST AQMD	<b>PMT:</b>	.022
<b>CHAPIS:</b>		<b>PM10T:</b>	.021928

**1997 Toxic Data**

<b>Facility ID:</b>	2852	<b>COID:</b>	LA
<b>Facility SIC Code:</b>	7812	<b>DISN:</b>	SOUTH COAST AQMD
<b>CO:</b>	19	<b>CHAPIS:</b>	
<b>Air Basin:</b>	SC	<b>CERR Code:</b>	
<b>District:</b>	SC		
<b>TS:</b>			
<b>Health Risk Asmt:</b>	6.4		
<b>Non-Cancer Chronic Haz Ind:</b>	.02		
<b>Non-Cancer Acute Haz Ind:</b>	.02		

**1998 Criteria Data**

<b>Facility ID:</b>	2852	<b>CERR Code:</b>	
<b>Facility SIC Code:</b>	7812	<b>TOGT:</b>	21.882
<b>CO:</b>	19	<b>ROGT:</b>	9.7064606
<b>Air Basin:</b>	SC	<b>COT:</b>	.099
<b>District:</b>	SC	<b>NOXT:</b>	.37
<b>COID:</b>	LA	<b>SOXT:</b>	.213

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
DISN:		SOUTH COAST AQMD			PMT:	.022
CHAPIS:					PM10T:	.021928

**1998 Toxic Data**

Facility ID:	2852			COID:	LA
Facility SIC Code:	7812			DISN:	SOUTH COAST AQMD
CO:	19			CHAPIS:	
Air Basin:	SC			CERR Code:	
District:	SC				
TS:					
Health Risk Asmt:		6.4			
Non-Cancer Chronic Haz Ind:		.02			
Non-Cancer Acute Haz Ind:		.02			

**1999 Criteria Data**

Facility ID:	2852			CERR Code:	
Facility SIC Code:	7812			TOGT:	26.45603
CO:	19			ROGT:	12.992031974
Air Basin:	SC			COT:	.099
District:	SC			NOXT:	.37
COID:	LA			SOXT:	.213
DISN:	SOUTH COAST AQMD			PMT:	.022
CHAPIS:				PM10T:	.021928

**1999 Toxic Data**

Facility ID:	2852			COID:	LA
Facility SIC Code:	7812			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:	2852			CERR Code:	
Facility SIC Code:	7812			TOGT:	26.45603
CO:	19			ROGT:	12.99
Air Basin:	SC			COT:	.099
District:	SC			NOXT:	.37
COID:	LA			SOXT:	.213
DISN:	SOUTH COAST AQMD			PMT:	.022
CHAPIS:				PM10T:	.02

**2000 Toxic Data**

Facility ID:	2852			COID:	LA
Facility SIC Code:	7812			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**

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Facility ID:	2852				<b>CERR Code:</b>	
Facility SIC Code:	7812				<b>TOGT:</b>	8.74
CO:	19				<b>ROGT:</b>	5.72
Air Basin:	SC				<b>COT:</b>	2.4
District:	SC				<b>NOXT:</b>	2.86
COID:	LA				<b>SOXT:</b>	.02
DISN:	SOUTH COAST AQMD				<b>PMT:</b>	.22
CHAPIS:	Y				<b>PM10T:</b>	.22

**2001 Toxic Data**

Facility ID:	2852				<b>COID:</b>	LA
Facility SIC Code:	7812				<b>DISN:</b>	SOUTH COAST AQMD
CO:	19				<b>CHAPIS:</b>	Y
Air Basin:	SC				<b>CERR Code:</b>	
District:	SC					
TS:						
Health Risk Asmt:		6.4				
Non-Cancer Chronic Haz Ind:		.02				
Non-Cancer Acute Haz Ind:		.02				

**2002 Criteria Data**

Facility ID:	2852				<b>CERR Code:</b>	
Facility SIC Code:	7812				<b>TOGT:</b>	6.561396
CO:	19				<b>ROGT:</b>	5.219212293
Air Basin:	SC				<b>COT:</b>	1.7706
District:	SC				<b>NOXT:</b>	2.211
COID:	LA				<b>SOXT:</b>	.01453
DISN:	SOUTH COAST AQMD				<b>PMT:</b>	.1671
CHAPIS:	Y				<b>PM10T:</b>	.1668576

**2002 Toxic Data**

Facility ID:	2852				<b>COID:</b>	LA
Facility SIC Code:	7812				<b>DISN:</b>	SOUTH COAST AQMD
CO:	19				<b>CHAPIS:</b>	Y
Air Basin:	SC				<b>CERR Code:</b>	
District:	SC					
TS:						
Health Risk Asmt:						
Non-Cancer Chronic Haz Ind:						
Non-Cancer Acute Haz Ind:						

**2003 Criteria Data**

Facility ID:	2852				<b>CERR Code:</b>	
Facility SIC Code:	7812				<b>TOGT:</b>	6.560796
CO:	19				<b>ROGT:</b>	5.2
Air Basin:	SC				<b>COT:</b>	1.7706
District:	SC				<b>NOXT:</b>	2.211
COID:	LA				<b>SOXT:</b>	.01453
DISN:	SOUTH COAST AQMD				<b>PMT:</b>	.1671
CHAPIS:	Y				<b>PM10T:</b>	.17

**2003 Toxic Data**

Facility ID:	2852				<b>COID:</b>	LA
Facility SIC Code:	7812				<b>DISN:</b>	SOUTH COAST AQMD
CO:	19				<b>CHAPIS:</b>	Y
Air Basin:	SC				<b>CERR Code:</b>	
District:	SC					

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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**TS:**  
**Health Risk Asmt:** 6.4  
**Non-Cancer Chronic Haz Ind:** .02  
**Non-Cancer Acute Haz Ind:** .02

**2004 Criteria Data**

<b>Facility ID:</b>	2852	<b>CERR Code:</b>	
<b>Facility SIC Code:</b>	7812	<b>TOGT:</b>	4.630565
<b>CO:</b>	19	<b>ROGT:</b>	3.933641338
<b>Air Basin:</b>	SC	<b>COT:</b>	1.8299
<b>District:</b>	SC	<b>NOXT:</b>	2.424
<b>COID:</b>	LA	<b>SOXT:</b>	.01749
<b>DISN:</b>	SOUTH COAST AQMD	<b>PMT:</b>	.1824
<b>CHAPIS:</b>	Y	<b>PM10T:</b>	.1818408

**2004 Toxic Data**

<b>Facility ID:</b>	2852	<b>COID:</b>	LA
<b>Facility SIC Code:</b>	7812	<b>DISN:</b>	SOUTH COAST AQMD
<b>CO:</b>	19	<b>CHAPIS:</b>	Y
<b>Air Basin:</b>	SC	<b>CERR Code:</b>	
<b>District:</b>	SC		
<b>TS:</b>			
<b>Health Risk Asmt:</b>	6.4		
<b>Non-Cancer Chronic Haz Ind:</b>	.02		
<b>Non-Cancer Acute Haz Ind:</b>	.02		

**2005 Criteria Data**

<b>Facility ID:</b>	2852	<b>CERR Code:</b>	
<b>Facility SIC Code:</b>	7812	<b>TOGT:</b>	4.860457097010436053982753868898059336 11
<b>CO:</b>	19	<b>ROGT:</b>	3.682
<b>Air Basin:</b>	SC	<b>COT:</b>	1.839
<b>District:</b>	SC	<b>NOXT:</b>	2.342
<b>COID:</b>	LA	<b>SOXT:</b>	.016
<b>DISN:</b>	SOUTH COAST AQMD	<b>PMT:</b>	.178
<b>CHAPIS:</b>	Y	<b>PM10T:</b>	.178

**2005 Toxic Data**

<b>Facility ID:</b>	2852	<b>COID:</b>	LA
<b>Facility SIC Code:</b>	7812	<b>DISN:</b>	SOUTH COAST AQMD
<b>CO:</b>	19	<b>CHAPIS:</b>	Y
<b>Air Basin:</b>	SC	<b>CERR Code:</b>	
<b>District:</b>	SC		
<b>TS:</b>			
<b>Health Risk Asmt:</b>	6.4		
<b>Non-Cancer Chronic Haz Ind:</b>	.02		
<b>Non-Cancer Acute Haz Ind:</b>	.02		

**2006 Criteria Data**

<b>Facility ID:</b>	2852	<b>CERR Code:</b>	
<b>Facility SIC Code:</b>	7812	<b>TOGT:</b>	6.162755485039811216061885188179642425 4
<b>CO:</b>	19	<b>ROGT:</b>	4.605
<b>Air Basin:</b>	SC	<b>COT:</b>	2.992
<b>District:</b>	SC	<b>NOXT:</b>	3.648
<b>COID:</b>	LA	<b>SOXT:</b>	.023
<b>DISN:</b>	SOUTH COAST AQMD	<b>PMT:</b>	.276
<b>CHAPIS:</b>	Y	<b>PM10T:</b>	.276

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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**2006 Toxic Data**

Facility ID:	2852				COID:	LA
Facility SIC Code:	7812				DISN:	SOUTH COAST AQMD
CO:	19				CHAPIS:	Y
Air Basin:	SC				CERR Code:	
District:	SC					
TS:						
Health Risk Asmt:		6.4				
Non-Cancer Chronic Haz Ind:		.02				
Non-Cancer Acute Haz Ind:		.02				

**2007 Criteria Data**

Facility ID:	2852				CERR Code:	
Facility SIC Code:	7812				TOGT:	6.06010255152189570163301885224714164287
CO:	19				ROGT:	4.605
Air Basin:	SC				COT:	2.992
District:	SC				NOXT:	3.648
COID:	LA				SOXT:	.023
DISN:	SOUTH COAST AQMD				PMT:	.276
CHAPIS:					PM10T:	.276

**2007 Toxic Data**

Facility ID:	2852				COID:	LA
Facility SIC Code:	7812				DISN:	SOUTH COAST AQMD
CO:	19				CHAPIS:	
Air Basin:	SC				CERR Code:	
District:	SC					
TS:						
Health Risk Asmt:		6.4				
Non-Cancer Chronic Haz Ind:		.02				
Non-Cancer Acute Haz Ind:		.02				

**2008 Criteria Data**

Facility ID:	2852				CERR Code:	
Facility SIC Code:	6794				TOGT:	4.65674616965491650573203426565852147241
CO:	19				ROGT:	3.490371876
Air Basin:	SC				COT:	4.85403
District:	SC				NOXT:	5.88775
COID:	LA				SOXT:	.03661
DISN:	SOUTH COAST AQMD				PMT:	.44675
CHAPIS:					PM10T:	.44675

**2008 Toxic Data**

Facility ID:	2852				COID:	LA
Facility SIC Code:	6794				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**

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Facility ID:	2852				<b>CERR Code:</b>	
Facility SIC Code:	6794				<b>TOGT:</b>	1.94140918700153217027747788235314371085
CO:	19				<b>ROGT:</b>	1.50068054
Air Basin:	SC				<b>COT:</b>	5.03213
District:	SC				<b>NOXT:</b>	6.25938
COID:	LA				<b>SOXT:</b>	.040918
DISN:	SOUTH COAST AQMD				<b>PMT:</b>	.457308
CHAPIS:					<b>PM10T:</b>	.456652608

**2009 Toxic Data**

Facility ID:	2852				<b>COID:</b>	LA
Facility SIC Code:	6794				<b>DISN:</b>	SOUTH COAST AQMD
CO:	19				<b>CHAPIS:</b>	
Air Basin:	SC				<b>CERR Code:</b>	
District:	SC					
TS:						
Health Risk Asmt:		6.4				
Non-Cancer Chronic Haz Ind:		.02				
Non-Cancer Acute Haz Ind:		.02				

**2010 Toxic Data**

Facility ID:	2852				<b>COID:</b>	LA
Facility SIC Code:	6794				<b>DISN:</b>	SOUTH COAST AQMD
CO:	19				<b>CHAPIS:</b>	
Air Basin:	SC				<b>CERR Code:</b>	
District:	SC					
TS:						
Health Risk Asmt:						
Non-Cancer Chronic Haz Ind:						
Non-Cancer Acute Haz Ind:						

**2011 Criteria Data**

Facility ID:	2852				<b>CERR Code:</b>	
Facility SIC Code:	6794				<b>TOGT:</b>	1.8780722848173466274193304804125220295
CO:	19				<b>ROGT:</b>	1.34807
Air Basin:	SC				<b>COT:</b>	5.80844
District:	SC				<b>NOXT:</b>	7.2193
COID:	LA				<b>SOXT:</b>	.047
DISN:	SOUTH COAST AQMD				<b>PMT:</b>	.54672
CHAPIS:					<b>PM10T:</b>	.54601704

**2011 Toxic Data**

Facility ID:	2852				<b>COID:</b>	LA
Facility SIC Code:	6794				<b>DISN:</b>	SOUTH COAST AQMD
CO:	19				<b>CHAPIS:</b>	
Air Basin:	SC				<b>CERR Code:</b>	
District:	SC					
TS:						
Health Risk Asmt:						
Non-Cancer Chronic Haz Ind:						
Non-Cancer Acute Haz Ind:						

[36](#)

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1,144.62

541.36 /  
9

LARRY SUTTON CONCRETE  
PUMPING,  
214 N NAOMI ST.  
BURBANK CA 91505

EMISSIONS

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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**1990 Criteria Data**

Facility ID:	77227	CERR Code:	
Facility SIC Code:	3561	TOGT:	.2
CO:	19	ROGT:	.1757
Air Basin:	SC	COT:	.5
District:	SC	NOXT:	1.9
COID:	LA	SOXT:	0
DISN:	SOUTH COAST AQMD	PMT:	.2
CHAPIS:		PM10T:	.1952

**1990 Toxic Data**

Facility ID:	77227	COID:	LA
Facility SIC Code:	3561	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:			

<a href="#">37</a>	1 of 1	W	0.22 / 1,146.55	537.44 / 5	MOBIL 3020 W OLIVE AVE BURBANK CA 91505	DELISTED TNK
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**Delisted Storage Tanks**

Facility ID:	3020	Latitude:	34.1578868
Permitting Agency:	BURBANK, CITY OF	Longitude:	-118.3326859
County:	Los Angeles		
Original Source:	UST		
Record Date:	30-JAN-2017		

<a href="#">38</a>	1 of 1	ENE	0.23 / 1,195.90	533.86 / 1	MAZZEO PAINTING CO INC 249 S LINCOLN ST BURBANK CA 91506	RCRA NON GEN
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EPA Handler ID:	CAD982325656
Gen Status Universe:	No Report
Contact Name:	ENVIRONMENTAL MANAGER
Contact Address:	249 S LINCOLN ST , , BURBANK , CA, 91506 , US
Contact Phone No and Ext:	213-849-7439
Contact Email:	
Contact Country:	US
County Name:	LOS ANGELES
EPA Region:	09
Land Type:	
Receive Date:	19880125

**Violation/Evaluation Summary**

**Note:** NO RECORDS: As of May 2020, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

**Handler Summary**

Importer Activity: No

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
<b>Mixed Waste Generator:</b>		No				
<b>Transporter Activity:</b>		No				
<b>Transfer Facility:</b>		No				
<b>Onsite Burner Exemption:</b>		No				
<b>Furnace Exemption:</b>		No				
<b>Underground Injection Activity:</b>		No				
<b>Commercial TSD:</b>		No				
<b>Used Oil Transporter:</b>		No				
<b>Used Oil Transfer Facility:</b>		No				
<b>Used Oil Processor:</b>		No				
<b>Used Oil Refiner:</b>		No				
<b>Used Oil Burner:</b>		No				
<b>Used Oil Market Burner:</b>		No				
<b>Used Oil Spec Marketer:</b>		No				

**Hazardous Waste Handler Details**

**Sequence No:** 1  
**Receive Date:** 19880125  
**Handler Name:** MAZZEO PAINTING CO INC  
**Source Type:** Notification  
**Federal Waste Generator Code:** N  
**Generator Code Description:** Not a Generator, Verified

**Owner/Operator Details**

<b>Owner/Operator Ind:</b>	Current Operator	<b>Street No:</b>	
<b>Type:</b>	Private	<b>Street 1:</b>	NOT REQUIRED
<b>Name:</b>	NOT REQUIRED	<b>Street 2:</b>	
<b>Date Became Current:</b>		<b>City:</b>	NOT REQUIRED
<b>Date Ended Current:</b>		<b>State:</b>	ME
<b>Phone:</b>	415-555-1212	<b>Country:</b>	
<b>Source Type:</b>	Notification	<b>Zip Code:</b>	99999

<b>Owner/Operator Ind:</b>	Current Owner	<b>Street No:</b>	
<b>Type:</b>	Private	<b>Street 1:</b>	NOT REQUIRED
<b>Name:</b>	MAZZEO PAINTING CO INC	<b>Street 2:</b>	
<b>Date Became Current:</b>		<b>City:</b>	NOT REQUIRED
<b>Date Ended Current:</b>		<b>State:</b>	ME
<b>Phone:</b>	415-555-1212	<b>Country:</b>	
<b>Source Type:</b>	Notification	<b>Zip Code:</b>	99999

<a href="#">39</a>	1 of 1	N	0.23 / 1,200.30	542.00 / 9	212 N BUENA VISTA ST BURBANK CA 91502	LA HMS
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**Site No:** 025366  
**Area:** 3E

**Detail Info**

<b>Permit No:</b>		<b>Permit Status Code:</b>	
<b>Permit Cat Desc:</b>		<b>Permit Category:</b>	
<b>Status Code:</b>	OPEN	<b>File No:</b>	034759
<b>Status Desc:</b>	File Opened, no permit exists	<b>File Name:</b>	HOME PACK BEVERAGES
<b>Permit Status Desc:</b>			
<b>Permit Type:</b>			
<b>Permit Type Desc:</b>			

<a href="#">40</a>	1 of 16	E	0.23 / 1,218.25	525.32 / -7	WALT DISNEY PICTURES AND TELEVISION 500 S. BUENA VISTA ST BURBANK CA 91521-0000	RCRA LQG
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<b>Map Key</b>	<b>Number of Records</b>	<b>Direction</b>	<b>Distance (mi/ft)</b>	<b>Elev/Diff (ft)</b>	<b>Site</b>	<b>DB</b>
<b>EPA Handler ID:</b>			CAD981399348			
<b>Gen Status Universe:</b>			Large Quantity Generator			
<b>Contact Name:</b>			CHRISTINE LANSEN			
<b>Contact Address:</b>			500 , S. BUENA VISTA ST , , BURBANK , CA, 91521-0000 , US			
<b>Contact Phone No and Ext:</b>			818-560-6785			
<b>Contact Email:</b>			CHRIS.LANSEN@DISNEY.COM			
<b>Contact Country:</b>			US			
<b>County Name:</b>			LOS ANGELES			
<b>EPA Region:</b>			09			
<b>Land Type:</b>			Private			
<b>Receive Date:</b>			20180213			

**Violation/Evaluation Summary**

**Note:** NO RECORDS: As of May 2020, 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:** 19860425  
**Handler Name:** WALT DISNEY COMPANY  
**Federal Waste Generator Code:** 2  
**Generator Code Description:** Small Quantity Generator  
**Source Type:** Notification

**Hazardous Waste Handler Details**

**Sequence No:** 1  
**Receive Date:** 19910328  
**Handler Name:** WALT DISNEY COMPANY  
**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:** 19920229  
**Handler Name:** WALT DISNEY CO  
**Federal Waste Generator Code:** 1  
**Generator Code Description:** Large Quantity Generator  
**Source Type:** Annual/Biennial Report

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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**Hazardous Waste Handler Details**

Sequence No: 3  
 Receive Date: 19940328  
 Handler Name: WALT DISNEY PICTURES & TELEVISION  
 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: 19960226  
 Handler Name: WALT DISNEY PICTURES & TELEVISION  
 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: WALT DISNEY COMPANY  
 Federal Waste Generator Code: 1  
 Generator Code Description: Large Quantity Generator  
 Source Type: Implementer

**Hazardous Waste Handler Details**

Sequence No: 5  
 Receive Date: 19990415  
 Handler Name: WALT DISNEY PICT. & TV  
 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: WALT DISNEY PICTURES AND TELEVISION  
 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: 20020207  
 Handler Name: WALT DISNEY PICTURES AND TELEVISION  
 Federal Waste Generator Code: 1  
 Generator Code Description: Large Quantity Generator  
 Source Type: Annual/Biennial Report

**Hazardous Waste Handler Details**

Sequence No: 8  
 Receive Date: 20040308  
 Handler Name: WALT DISNEY PICTURES AND TELEVISION  
 Federal Waste Generator Code: 1  
 Generator Code Description: Large Quantity Generator  
 Source Type: Annual/Biennial Report

<i>Map Key</i>	<i>Number of Records</i>	<i>Direction</i>	<i>Distance (mi/ft)</i>	<i>Elev/Diff (ft)</i>	<i>Site</i>	<i>DB</i>
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**Waste Code Details**

<b>Hazardous Waste Code:</b>	D001
<b>Waste Code Description:</b>	IGNITABLE WASTE
<b>Hazardous Waste Code:</b>	D002
<b>Waste Code Description:</b>	CORROSIVE WASTE
<b>Hazardous Waste Code:</b>	D006
<b>Waste Code Description:</b>	CADMIUM
<b>Hazardous Waste Code:</b>	D008
<b>Waste Code Description:</b>	LEAD
<b>Hazardous Waste Code:</b>	D011
<b>Waste Code Description:</b>	SILVER
<b>Hazardous Waste Code:</b>	F005
<b>Waste Code Description:</b>	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**

<b>Sequence No:</b>	9
<b>Receive Date:</b>	20060120
<b>Handler Name:</b>	WALT DISNEY PICTURES & TELEVISION
<b>Federal Waste Generator Code:</b>	1
<b>Generator Code Description:</b>	Large Quantity Generator
<b>Source Type:</b>	Annual/Biennial Report

**Waste Code Details**

<b>Hazardous Waste Code:</b>	181
<b>Waste Code Description:</b>	Other inorganic solid waste
<b>Hazardous Waste Code:</b>	212
<b>Waste Code Description:</b>	Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)
<b>Hazardous Waste Code:</b>	331
<b>Waste Code Description:</b>	Off-specification, aged, or surplus organics
<b>Hazardous Waste Code:</b>	352
<b>Waste Code Description:</b>	Other organic solids
<b>Hazardous Waste Code:</b>	541
<b>Waste Code Description:</b>	Photochemicals / photo processing waste
<b>Hazardous Waste Code:</b>	D001
<b>Waste Code Description:</b>	IGNITABLE WASTE
<b>Hazardous Waste Code:</b>	D002
<b>Waste Code Description:</b>	CORROSIVE WASTE
<b>Hazardous Waste Code:</b>	D006
<b>Waste Code Description:</b>	CADMIUM
<b>Hazardous Waste Code:</b>	D007
<b>Waste Code Description:</b>	CHROMIUM
<b>Hazardous Waste Code:</b>	D008
<b>Waste Code Description:</b>	LEAD

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction</b>	<b>Distance (mi/ft)</b>	<b>Elev/Diff (ft)</b>	<b>Site</b>	<b>DB</b>
<b>Hazardous Waste Code:</b>		D011				
<b>Waste Code Description:</b>		SILVER				
<b>Hazardous Waste Code:</b>		D018				
<b>Waste Code Description:</b>		BENZENE				
<b>Hazardous Waste Code:</b>		F003				
<b>Waste Code Description:</b>		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.				
<b>Hazardous Waste Code:</b>		F005				
<b>Waste Code Description:</b>		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.				
<b><u>Hazardous Waste Handler Details</u></b>						
<b>Sequence No:</b>		10				
<b>Receive Date:</b>		20080226				
<b>Handler Name:</b>		THE WALT DISNEY COMPANY				
<b>Federal Waste Generator Code:</b>		1				
<b>Generator Code Description:</b>		Large Quantity Generator				
<b>Source Type:</b>		Annual/Biennial Report				
<b><u>Waste Code Details</u></b>						
<b>Hazardous Waste Code:</b>		D001				
<b>Waste Code Description:</b>		IGNITABLE WASTE				
<b>Hazardous Waste Code:</b>		D002				
<b>Waste Code Description:</b>		CORROSIVE WASTE				
<b>Hazardous Waste Code:</b>		D003				
<b>Waste Code Description:</b>		REACTIVE WASTE				
<b>Hazardous Waste Code:</b>		D008				
<b>Waste Code Description:</b>		LEAD				
<b>Hazardous Waste Code:</b>		D011				
<b>Waste Code Description:</b>		SILVER				
<b>Hazardous Waste Code:</b>		D018				
<b>Waste Code Description:</b>		BENZENE				
<b>Hazardous Waste Code:</b>		D035				
<b>Waste Code Description:</b>		METHYL ETHYL KETONE				
<b>Hazardous Waste Code:</b>		D036				
<b>Waste Code Description:</b>		NITROBENZENE				
<b>Hazardous Waste Code:</b>		D039				
<b>Waste Code Description:</b>		TETRACHLOROETHYLENE				
<b>Hazardous Waste Code:</b>		F003				
<b>Waste Code Description:</b>		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				

<i>Map Key</i>	<i>Number of Records</i>	<i>Direction</i>	<i>Distance (mi/ft)</i>	<i>Elev/Diff (ft)</i>	<i>Site</i>	<i>DB</i>
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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 Handler Details**

**Sequence No:** 1  
**Receive Date:** 20100219  
**Handler Name:** THE WALT DISNEY COMPANY  
**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:** 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:** 261  
**Waste Code Description:** Polychlorinated biphenyls and material containing PCB's

**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:** 541  
**Waste Code Description:** Photochemicals / photo processing waste

**Hazardous Waste Code:** 725  
**Waste Code Description:** Liquids with mercury > 20 mg/l

**Hazardous Waste Code:** 731  
**Waste Code Description:** Liquids with polychlorinated biphenyls > 50 mg/l

**Hazardous Waste Code:** 792  
**Waste Code Description:** Liquids with pH < 2 with metals

**Hazardous Waste Code:** D001  
**Waste Code Description:** IGNITABLE WASTE

**Hazardous Waste Code:** D002  
**Waste Code Description:** CORROSIVE WASTE

**Hazardous Waste Code:** D003  
**Waste Code Description:** REACTIVE WASTE

**Hazardous Waste Code:** D006  
**Waste Code Description:** CADMIUM

**Hazardous Waste Code:** D008  
**Waste Code Description:** LEAD

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction</b>	<b>Distance (mi/ft)</b>	<b>Elev/Diff (ft)</b>	<b>Site</b>	<b>DB</b>
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<b>Hazardous Waste Code:</b>	D009
<b>Waste Code Description:</b>	MERCURY
<b>Hazardous Waste Code:</b>	D011
<b>Waste Code Description:</b>	SILVER
<b>Hazardous Waste Code:</b>	D018
<b>Waste Code Description:</b>	BENZENE
<b>Hazardous Waste Code:</b>	D035
<b>Waste Code Description:</b>	METHYL ETHYL KETONE
<b>Hazardous Waste Code:</b>	D039
<b>Waste Code Description:</b>	TETRACHLOROETHYLENE

**Hazardous Waste Handler Details**

<b>Sequence No:</b>	2
<b>Receive Date:</b>	20140301
<b>Handler Name:</b>	THE WALT DISNEY COMPANY
<b>Federal Waste Generator Code:</b>	1
<b>Generator Code Description:</b>	Large Quantity Generator
<b>Source Type:</b>	Annual/Biennial Report update with Notification

**Waste Code Details**

<b>Hazardous Waste Code:</b>	D001
<b>Waste Code Description:</b>	IGNITABLE WASTE
<b>Hazardous Waste Code:</b>	D002
<b>Waste Code Description:</b>	CORROSIVE WASTE
<b>Hazardous Waste Code:</b>	D008
<b>Waste Code Description:</b>	LEAD
<b>Hazardous Waste Code:</b>	D011
<b>Waste Code Description:</b>	SILVER
<b>Hazardous Waste Code:</b>	D018
<b>Waste Code Description:</b>	BENZENE
<b>Hazardous Waste Code:</b>	D035
<b>Waste Code Description:</b>	METHYL ETHYL KETONE
<b>Hazardous Waste Code:</b>	D039
<b>Waste Code Description:</b>	TETRACHLOROETHYLENE
<b>Hazardous Waste Code:</b>	F003
<b>Waste Code Description:</b>	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 Handler Details**

<b>Sequence No:</b>	3
<b>Receive Date:</b>	20160224
<b>Handler Name:</b>	THE WALT DISNEY COMPANY
<b>Federal Waste Generator Code:</b>	1
<b>Generator Code Description:</b>	Large Quantity Generator
<b>Source Type:</b>	Annual/Biennial Report update with Notification

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction</b>	<b>Distance (mi/ft)</b>	<b>Elev/Diff (ft)</b>	<b>Site</b>	<b>DB</b>
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**Waste Code Details**

<b>Hazardous Waste Code:</b>	122
<b>Waste Code Description:</b>	Alkaline solution without metals (pH > 12.5)
<b>Hazardous Waste Code:</b>	135
<b>Waste Code Description:</b>	Unspecified aqueous solution
<b>Hazardous Waste Code:</b>	181
<b>Waste Code Description:</b>	Other inorganic solid waste
<b>Hazardous Waste Code:</b>	212
<b>Waste Code Description:</b>	Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)
<b>Hazardous Waste Code:</b>	214
<b>Waste Code Description:</b>	Unspecified solvent mixture
<b>Hazardous Waste Code:</b>	272
<b>Waste Code Description:</b>	Polymeric resin waste
<b>Hazardous Waste Code:</b>	331
<b>Waste Code Description:</b>	Off-specification, aged, or surplus organics
<b>Hazardous Waste Code:</b>	343
<b>Waste Code Description:</b>	Unspecified organic liquid mixture
<b>Hazardous Waste Code:</b>	352
<b>Waste Code Description:</b>	Other organic solids
<b>Hazardous Waste Code:</b>	D001
<b>Waste Code Description:</b>	IGNITABLE WASTE
<b>Hazardous Waste Code:</b>	D002
<b>Waste Code Description:</b>	CORROSIVE WASTE
<b>Hazardous Waste Code:</b>	D008
<b>Waste Code Description:</b>	LEAD
<b>Hazardous Waste Code:</b>	F003
<b>Waste Code Description:</b>	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.
<b>Hazardous Waste Code:</b>	U002
<b>Waste Code Description:</b>	2-PROPANONE (I) (OR) ACETONE (I)

**Hazardous Waste Handler Details**

<b>Sequence No:</b>	4
<b>Receive Date:</b>	20180213
<b>Handler Name:</b>	WALT DISNEY PICTURES AND TELEVISION
<b>Federal Waste Generator Code:</b>	1
<b>Generator Code Description:</b>	Large Quantity Generator
<b>Source Type:</b>	Annual/Biennial Report update with Notification

**Waste Code Details**

<b>Hazardous Waste Code:</b>	151
<b>Waste Code Description:</b>	Asbestos-containing waste

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction</b>	<b>Distance (mi/ft)</b>	<b>Elev/Diff (ft)</b>	<b>Site</b>	<b>DB</b>
<b>Hazardous Waste Code:</b> <b>Waste Code Description:</b>			181		Other inorganic solid waste	
<b>Hazardous Waste Code:</b> <b>Waste Code Description:</b>			212		Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)	
<b>Hazardous Waste Code:</b> <b>Waste Code Description:</b>			213		Hydrocarbon solvents (benzene, hexane, Stoddard, etc.)	
<b>Hazardous Waste Code:</b> <b>Waste Code Description:</b>			214		Unspecified solvent mixture	
<b>Hazardous Waste Code:</b> <b>Waste Code Description:</b>			221		Waste oil and mixed oil	
<b>Hazardous Waste Code:</b> <b>Waste Code Description:</b>			223		Unspecified oil-containing waste	
<b>Hazardous Waste Code:</b> <b>Waste Code Description:</b>			261		Polychlorinated biphenyls and material containing PCB's	
<b>Hazardous Waste Code:</b> <b>Waste Code Description:</b>			272		Polymeric resin waste	
<b>Hazardous Waste Code:</b> <b>Waste Code Description:</b>			291		Latex waste	
<b>Hazardous Waste Code:</b> <b>Waste Code Description:</b>			331		Off-specification, aged, or surplus organics	
<b>Hazardous Waste Code:</b> <b>Waste Code Description:</b>			343		Unspecified organic liquid mixture	
<b>Hazardous Waste Code:</b> <b>Waste Code Description:</b>			352		Other organic solids	
<b>Hazardous Waste Code:</b> <b>Waste Code Description:</b>			D001		IGNITABLE WASTE	
<b>Hazardous Waste Code:</b> <b>Waste Code Description:</b>			D008		LEAD	
<b>Hazardous Waste Code:</b> <b>Waste Code Description:</b>			D018		BENZENE	
<b>Hazardous Waste Code:</b> <b>Waste Code Description:</b>			D035		METHYL ETHYL KETONE	
<b>Hazardous Waste Code:</b> <b>Waste Code Description:</b>			D039		TETRACHLOROETHYLENE	
<b>Hazardous Waste Code:</b> <b>Waste Code Description:</b>			F003		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.	
<b>Hazardous Waste Code:</b> <b>Waste Code Description:</b>			U002		2-PROPANONE (I) (OR) ACETONE (I)	

**Owner/Operator Details**

**Owner/Operator Ind:** Current Operator  
**Type:** Private

**Street No:**  
**Street 1:**

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction</b>	<b>Distance (mi/ft)</b>	<b>Elev/Diff (ft)</b>	<b>Site</b>	<b>DB</b>
<b>Name:</b>	CHRISTINE RUBINO				<b>Street 2:</b>	
<b>Date Became Current:</b>	19920101				<b>City:</b>	
<b>Date Ended Current:</b>					<b>State:</b>	
<b>Phone:</b>					<b>Country:</b>	
<b>Source Type:</b>	Annual/Biennial Report update with Notification				<b>Zip Code:</b>	
<b>Owner/Operator Ind:</b>	Current Operator				<b>Street No:</b>	
<b>Type:</b>	Private				<b>Street 1:</b>	NOT REQUIRED
<b>Name:</b>	NOT REQUIRED				<b>Street 2:</b>	
<b>Date Became Current:</b>					<b>City:</b>	NOT REQUIRED
<b>Date Ended Current:</b>					<b>State:</b>	ME
<b>Phone:</b>	415-555-1212				<b>Country:</b>	
<b>Source Type:</b>	Implementer				<b>Zip Code:</b>	99999
<b>Owner/Operator Ind:</b>	Current Owner				<b>Street No:</b>	
<b>Type:</b>	Private				<b>Street 1:</b>	500 SOUTH BUENA VISTA STREET
<b>Name:</b>	WALT DISNEY PICTURES AND TELEVISION				<b>Street 2:</b>	
<b>Date Became Current:</b>	19380614				<b>City:</b>	BURBANK
<b>Date Ended Current:</b>					<b>State:</b>	CA
<b>Phone:</b>					<b>Country:</b>	US
<b>Source Type:</b>	Annual/Biennial Report				<b>Zip Code:</b>	91521
<b>Owner/Operator Ind:</b>	Current Operator				<b>Street No:</b>	
<b>Type:</b>	Private				<b>Street 1:</b>	
<b>Name:</b>	WALT DISNEY PICTURES AND TELEVISION				<b>Street 2:</b>	
<b>Date Became Current:</b>	19380614				<b>City:</b>	
<b>Date Ended Current:</b>					<b>State:</b>	
<b>Phone:</b>					<b>Country:</b>	US
<b>Source Type:</b>	Annual/Biennial Report				<b>Zip Code:</b>	
<b>Owner/Operator Ind:</b>	Current Operator				<b>Street No:</b>	
<b>Type:</b>	Private				<b>Street 1:</b>	
<b>Name:</b>	THE WALT DISNEY COMPANY				<b>Street 2:</b>	
<b>Date Became Current:</b>	19380614				<b>City:</b>	
<b>Date Ended Current:</b>					<b>State:</b>	
<b>Phone:</b>					<b>Country:</b>	US
<b>Source Type:</b>	Annual/Biennial Report				<b>Zip Code:</b>	
<b>Owner/Operator Ind:</b>	Current Owner				<b>Street No:</b>	500
<b>Type:</b>	Private				<b>Street 1:</b>	S BUENA VISTA ST
<b>Name:</b>	THE WALT DISNEY CO				<b>Street 2:</b>	
<b>Date Became Current:</b>	19380614				<b>City:</b>	BURBANK
<b>Date Ended Current:</b>					<b>State:</b>	CA
<b>Phone:</b>	818-560-6785				<b>Country:</b>	
<b>Source Type:</b>	Annual/Biennial Report update with Notification				<b>Zip Code:</b>	91521
<b>Owner/Operator Ind:</b>	Current Owner				<b>Street No:</b>	500
<b>Type:</b>	Private				<b>Street 1:</b>	SOUTH BUENA VISTA STREET
<b>Name:</b>	THE WALT DISNEY COMPANY				<b>Street 2:</b>	
<b>Date Became Current:</b>	19380614				<b>City:</b>	BURBANK
<b>Date Ended Current:</b>					<b>State:</b>	CA
<b>Phone:</b>	818-560-6785				<b>Country:</b>	US
<b>Source Type:</b>	Annual/Biennial Report update with Notification				<b>Zip Code:</b>	91521
<b>Owner/Operator Ind:</b>	Current Owner				<b>Street No:</b>	
<b>Type:</b>	Private				<b>Street 1:</b>	500 SOUTH BUENA VISTA STREET
<b>Name:</b>	THE WALT DISNEY COMPANY				<b>Street 2:</b>	
<b>Date Became Current:</b>	19380614				<b>City:</b>	BURBANK
<b>Date Ended Current:</b>					<b>State:</b>	CA
<b>Phone:</b>					<b>Country:</b>	US
<b>Source Type:</b>	Annual/Biennial Report				<b>Zip Code:</b>	91521
<b>Owner/Operator Ind:</b>	Current Operator				<b>Street No:</b>	
<b>Type:</b>	Private				<b>Street 1:</b>	
<b>Name:</b>	CHRISTINE LANSEN				<b>Street 2:</b>	
<b>Date Became Current:</b>	19920101				<b>City:</b>	
<b>Date Ended Current:</b>					<b>State:</b>	
<b>Phone:</b>					<b>Country:</b>	
<b>Source Type:</b>	Annual/Biennial Report update with Notification				<b>Zip Code:</b>	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
<b>Owner/Operator Ind:</b>	Current Owner				<b>Street No:</b>	
<b>Type:</b>	Private				<b>Street 1:</b>	NOT REQUIRED
<b>Name:</b>	WALT DISNEY COMPANY				<b>Street 2:</b>	
<b>Date Became Current:</b>					<b>City:</b>	NOT REQUIRED
<b>Date Ended Current:</b>					<b>State:</b>	ME
<b>Phone:</b>	415-555-1212				<b>Country:</b>	
<b>Source Type:</b>	Notification				<b>Zip Code:</b>	99999
<b>Owner/Operator Ind:</b>	Current Owner				<b>Street No:</b>	
<b>Type:</b>	Private				<b>Street 1:</b>	
<b>Name:</b>	THE WALT DISNEY COMPANY				<b>Street 2:</b>	
<b>Date Became Current:</b>	19380614				<b>City:</b>	
<b>Date Ended Current:</b>					<b>State:</b>	
<b>Phone:</b>					<b>Country:</b>	US
<b>Source Type:</b>	Annual/Biennial Report				<b>Zip Code:</b>	
<b>Owner/Operator Ind:</b>	Current Operator				<b>Street No:</b>	500
<b>Type:</b>	Private				<b>Street 1:</b>	S. BUENA VISTA ST
<b>Name:</b>	CHRISTINE LANSEN				<b>Street 2:</b>	
<b>Date Became Current:</b>	19920101				<b>City:</b>	BURBANK
<b>Date Ended Current:</b>					<b>State:</b>	CA
<b>Phone:</b>	818-560-6785				<b>Country:</b>	US
<b>Source Type:</b>	Annual/Biennial Report update with Notification				<b>Zip Code:</b>	91521-0000
<b>Owner/Operator Ind:</b>	Current Owner				<b>Street No:</b>	500
<b>Type:</b>	Private				<b>Street 1:</b>	S. BUENA VISTA ST
<b>Name:</b>	THE WALT DISNEY COMPANY				<b>Street 2:</b>	
<b>Date Became Current:</b>	19380614				<b>City:</b>	BURBANK
<b>Date Ended Current:</b>					<b>State:</b>	CA
<b>Phone:</b>	818-560-6785				<b>Country:</b>	US
<b>Source Type:</b>	Annual/Biennial Report update with Notification				<b>Zip Code:</b>	91521-0000
<b>Owner/Operator Ind:</b>	Current Owner				<b>Street No:</b>	500
<b>Type:</b>	Private				<b>Street 1:</b>	S. BUENA VISTA ST
<b>Name:</b>	THE WALT DISNEY COMPANY				<b>Street 2:</b>	
<b>Date Became Current:</b>	19380614				<b>City:</b>	BURBANK
<b>Date Ended Current:</b>					<b>State:</b>	CA
<b>Phone:</b>	818-560-6785				<b>Country:</b>	US
<b>Source Type:</b>	Annual/Biennial Report update with Notification				<b>Zip Code:</b>	91521

**Historical Handler Details**

<b>Receive Dt:</b>	20160224
<b>Generator Code Description:</b>	Large Quantity Generator
<b>Handler Name:</b>	THE WALT DISNEY COMPANY
<b>Receive Dt:</b>	20140301
<b>Generator Code Description:</b>	Large Quantity Generator
<b>Handler Name:</b>	THE WALT DISNEY COMPANY
<b>Receive Dt:</b>	20100219
<b>Generator Code Description:</b>	Large Quantity Generator
<b>Handler Name:</b>	THE WALT DISNEY COMPANY
<b>Receive Dt:</b>	20080226
<b>Generator Code Description:</b>	Large Quantity Generator
<b>Handler Name:</b>	THE WALT DISNEY COMPANY
<b>Receive Dt:</b>	20060120
<b>Generator Code Description:</b>	Large Quantity Generator
<b>Handler Name:</b>	WALT DISNEY PICTURES & TELEVISION
<b>Receive Dt:</b>	20040308
<b>Generator Code Description:</b>	Large Quantity Generator
<b>Handler Name:</b>	WALT DISNEY PICTURES AND TELEVISION
<b>Receive Dt:</b>	20020207

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
<b>Generator Code Description:</b>		Large Quantity Generator				
<b>Handler Name:</b>		WALT DISNEY PICTURES AND TELEVISION				
<b>Receive Dt:</b>		20001012				
<b>Generator Code Description:</b>		Large Quantity Generator				
<b>Handler Name:</b>		WALT DISNEY PICTURES AND TELEVISION				
<b>Receive Dt:</b>		19990415				
<b>Generator Code Description:</b>		Large Quantity Generator				
<b>Handler Name:</b>		WALT DISNEY PICT. & TV				
<b>Receive Dt:</b>		19960901				
<b>Generator Code Description:</b>		Large Quantity Generator				
<b>Handler Name:</b>		WALT DISNEY COMPANY				
<b>Receive Dt:</b>		19960226				
<b>Generator Code Description:</b>		Large Quantity Generator				
<b>Handler Name:</b>		WALT DISNEY PICTURES & TELEVISION				
<b>Receive Dt:</b>		19940328				
<b>Generator Code Description:</b>		Large Quantity Generator				
<b>Handler Name:</b>		WALT DISNEY PICTURES & TELEVISION				
<b>Receive Dt:</b>		19920229				
<b>Generator Code Description:</b>		Large Quantity Generator				
<b>Handler Name:</b>		WALT DISNEY CO				
<b>Receive Dt:</b>		19910328				
<b>Generator Code Description:</b>		Large Quantity Generator				
<b>Handler Name:</b>		WALT DISNEY COMPANY				
<b>Receive Dt:</b>		19860425				
<b>Generator Code Description:</b>		Small Quantity Generator				
<b>Handler Name:</b>		WALT DISNEY COMPANY				

[40](#)    2 of 16    *E*    0.23 / 1,218.25    525.32 / -7    500 S BUENA VISTA ST BURBANK CA 915210001    LA HMS

**Site No:** 009903  
**Area:** 3E

Detail Info

<b>Permit No:</b>		<b>Permit Status Code:</b>	
<b>Permit Cat Desc:</b>		<b>Permit Category:</b>	
<b>Status Code:</b>	OPEN	<b>File No:</b>	109749
<b>Status Desc:</b>	File Opened, no permit exists	<b>File Name:</b>	WALT DISNEY PRODUCTIONS
<b>Permit Status Desc:</b>			
<b>Permit Type:</b>			
<b>Permit Type Desc:</b>			

Detail Info

<b>Permit No:</b>	00001030T	<b>Permit Status Code:</b>	REM
<b>Permit Cat Desc:</b>	Underground Storage Tank	<b>Permit Category:</b>	T
<b>Status Code:</b>	REM	<b>File No:</b>	009749
<b>Status Desc:</b>	Equipment Removed	<b>File Name:</b>	WALT DISNEY PRODUCTIONS
<b>Permit Status Desc:</b>	Equipment Removed		
<b>Permit Type:</b>	0		
<b>Permit Type Desc:</b>	Underground Storage Tank Operating Permit		

[40](#)    3 of 16    *E*    0.23 / 1,218.25    525.32 / -7    500 S BUENA VISTA ST BURBANK CA 91506    LA HMS

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Site No: 025367  
 Area: 3E

**Detail Info**

Permit No:		Permit Status Code:	
Permit Cat Desc:		Permit Category:	
Status Code:	OPEN	File No:	034760
Status Desc:	File Opened, no permit exists	File Name:	WALT DISNEY COMPUTER
Permit Status Desc:			
Permit Type:			
Permit Type Desc:			

<a href="#">40</a>	4 of 16	E	0.23 / 1,218.25	525.32 / -7	LEE GANOWEN SERVICE STATION 500 S. BUENA VISTA BURBANK CA 91521	HHSS
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County:  
 Pdf File Url: <http://geotracker.waterboards.ca.gov/ustpdfs/pdf/00028636.pdf>

<a href="#">40</a>	5 of 16	E	0.23 / 1,218.25	525.32 / -7	WALT DISNEY PICTURES 500 S. BUENA VISTA BURBANK CA 91521	HHSS
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County:  
 Pdf File Url: <http://geotracker.waterboards.ca.gov/ustpdfs/pdf/00028634.pdf>

<a href="#">40</a>	6 of 16	E	0.23 / 1,218.25	525.32 / -7	Disney Enterprises Inc 500 S Buena Vista ST Burbank CA 91521	BURBANK CUPA
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CERS ID: 10229134  
 Status: Active  
 Program Element: HazMat/UST

<a href="#">40</a>	7 of 16	E	0.23 / 1,218.25	525.32 / -7	WALT DISNEY CO. 500 SOUTH BUENA VISTA STREET BURBANK CA 91521	WASTE DISCHG
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Global ID: WDR100000021  
 Facility ID:  
 Status: HISTORICAL - WDR  
 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

Site Facility Type: \* WDR SITE  
 Site Code:  
 County: LOS ANGELES

**WDR Sites from GeoTracker Search - Facilities (as of Feb 24, 2020)**

Site Facility Name:	WALT DISNEY CO.	WDR Place Type:	Facility
Site Facility Type:	* WDR SITE	WDR File No:	92-060
Cleanup Status:	HISTORICAL - WDR	WDR Order No:	93-010
Cleanup Stat Detail:		File Location:	
Potential COC:		Address/Partial Add:	500 SOUTH BUENA VISTA STREET
Site History:	No site history available	City:	BURBANK
CUF Claimno No:		Zip:	91521
CUF Amount Paid:		County:	LOS ANGELES
Facility Type:			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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**Composting Method:**  
**Groundwater Monitoring**  
**Frequ:**  
**Potential Media of Concern:**  
**User Defined Beneficial Use:**  
**Designated Beneficial Use:** MUN, AGR, IND, PROC  
**Designated Beneficial 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 1/3/1995  
**DWR GW Sub Basin:** San Fernando Valley (4-012)  
**Calwater Watershed:** Los Angeles River - San Fernando - Bull Canyon (412.21)  
**Cleanup Oversight Agencies:**  
**Project Oversight Agencies:** LOS ANGELES RWQCB (REGION 4) (LEAD) - CI #: 7474  
CASEWORKER: CLARITA S. QUIDILLA  
**Report Link:** [https://geotracker.waterboards.ca.gov/profile\\_report?global\\_id=WDR100000021](https://geotracker.waterboards.ca.gov/profile_report?global_id=WDR100000021)  
**Cleanup History Link:** [https://geotracker.waterboards.ca.gov/profile\\_report\\_include?global\\_id=WDR100000021&tabname=regulatoryhistory](https://geotracker.waterboards.ca.gov/profile_report_include?global_id=WDR100000021&tabname=regulatoryhistory)

**WDR Sites from GeoTracker Search - Regulatory Activities (as of Feb 24, 2020)**

**Action:** Termination of WDR  
**Action Type:** Enforcement/Orders  
**Title Description Comments:** Walt Disney P&T\_Termination of WDR 93-010-001, CI 7474\_2010-04-14  
**Doclink:** [https://geotracker.waterboards.ca.gov/view\\_documents?global\\_id=WDR100000021&enforcement\\_id=6095153&temptable=ENFORCEMENT](https://geotracker.waterboards.ca.gov/view_documents?global_id=WDR100000021&enforcement_id=6095153&temptable=ENFORCEMENT)  
**Action Date:** 4/14/2010  
**Received Issue Date:** 4/14/2010

**WDR Sites from GeoTracker Search - Project Status History (as of Feb 24, 2020)**

**Status:** Historical - WDR  
**Date :** 1/3/1995  
  
**Status:** Open - Case Begin Date  
**Date :** 1/3/1995  
  
**Status:** Open - Case Begin Date  
**Date :** 3/22/1982

**WDR Sites from GeoTracker Search - Documents (as of Feb 24, 2020)**

**Type:** TERMINATION OF WDR  
**Document Type:** Site Documents  
**Title:** WALT DISNEY P&T\_TERMINATION OF WDR 93-010-001, CI 7474\_2010-04-14  
**Title Link:** [http://geotracker.waterboards.ca.gov/view\\_documents?global\\_id=WDR100000021&enforcement\\_id=6095153](http://geotracker.waterboards.ca.gov/view_documents?global_id=WDR100000021&enforcement_id=6095153)  
**Size:**  
**Document Date:** 4/14/2010  
**Submitted By:** (REGULATOR)  
**Submitted:**

**WDR Sites from GeoTracker Search - Related Cases (as of Feb 24, 2020)**

**Identifier:** SL603799015  
**Status:** COMPLETED - CASE CLOSED  
**Project Name:** WALT DISNEY STUDIOS  
**Association:** Related Global ID  
**Description:**  
**Address:** 500 SOUTH BUENA VISTA STREET  
**City:** BURBANK  
**Project Link:** [https://geotracker.waterboards.ca.gov/profile\\_report?global\\_id=SL603799015](https://geotracker.waterboards.ca.gov/profile_report?global_id=SL603799015)

<a href="#">40</a>	8 of 16	E	0.23 / 1,218.25	525.32 / -7	THE WALT DISNEY COMPANY 500 S BUENA VISTA	EMISSIONS
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Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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BURBANK CA 91521

**1996 Criteria Data**

<b>Facility ID:</b>	2852	<b>CERR Code:</b>	
<b>Facility SIC Code:</b>	7812	<b>TOGT:</b>	19.7
<b>CO:</b>	19	<b>ROGT:</b>	15.19227
<b>Air Basin:</b>	SC	<b>COT:</b>	.512
<b>District:</b>	SC	<b>NOXT:</b>	1.947
<b>COID:</b>	LA	<b>SOXT:</b>	.001
<b>DISN:</b>	SOUTH COAST AQMD	<b>PMT:</b>	.103
<b>CHAPIS:</b>		<b>PM10T:</b>	.09964

**1996 Toxic Data**

<b>Facility ID:</b>	2852	<b>COID:</b>	LA
<b>Facility SIC Code:</b>	7812	<b>DISN:</b>	SOUTH COAST AQMD
<b>CO:</b>	19	<b>CHAPIS:</b>	
<b>Air Basin:</b>	SC	<b>CERR Code:</b>	
<b>District:</b>	SC		
<b>TS:</b>			
<b>Health Risk Asmt:</b>	6.4		
<b>Non-Cancer Chronic Haz Ind:</b>	.02		
<b>Non-Cancer Acute Haz Ind:</b>	.02		

[40](#)

9 of 16

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0.23 /  
1,218.25

525.32 /  
-7

**THE WALT DISNEY COMPANY**  
**500 S BUENA VISTA ST**  
**BURBANK CA 91521**

**EMISSIONS**

**2012 Criteria Data**

<b>Facility ID:</b>	2852	<b>CERR Code:</b>	
<b>Facility SIC Code:</b>	6794	<b>TOGT:</b>	1.677095685126397893246201732239387952 65
<b>CO:</b>	19	<b>ROGT:</b>	1.27558
<b>Air Basin:</b>	SC	<b>COT:</b>	4.37683
<b>District:</b>	SC	<b>NOXT:</b>	5.58936
<b>COID:</b>	LA	<b>SOXT:</b>	.03064743
<b>DISN:</b>	SOUTH COAST AQMD	<b>PMT:</b>	.42238
<b>CHAPIS:</b>		<b>PM10T:</b>	.42150496

**2012 Toxic Data**

<b>Facility ID:</b>	2852	<b>COID:</b>	LA
<b>Facility SIC Code:</b>	6794	<b>DISN:</b>	SOUTH COAST AQMD
<b>CO:</b>	19	<b>CHAPIS:</b>	
<b>Air Basin:</b>	SC	<b>CERR Code:</b>	
<b>District:</b>	SC		
<b>TS:</b>			
<b>Health Risk Asmt:</b>			
<b>Non-Cancer Chronic Haz Ind:</b>			
<b>Non-Cancer Acute Haz Ind:</b>			

**2013 Criteria Data**

<b>Facility ID:</b>	2852	<b>CERR Code:</b>	
<b>Facility SIC Code:</b>	7812	<b>TOGT:</b>	2.025429109810257461899892080672881632 54
<b>CO:</b>	19	<b>ROGT:</b>	1.536168
<b>Air Basin:</b>	SC	<b>COT:</b>	4.066174

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
District:	SC			NOXT:	5.39818	
COID:	LA			SOXT:	.019996944	
DISN:	SOUTH COAST AQMD			PMT:	.374572	
CHAPIS:				PM10T:	.373742272	

**2013 Toxic Data**

Facility ID:	2852			COID:	LA	
Facility SIC Code:	7812			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:						

**2014 Criteria Data**

Facility ID:	2852			CERR Code:		
Facility SIC Code:	7812			TOGT:	4.601171893669437584910386203202756082	
CO:	19			ROGT:	3.43962	
Air Basin:	SC			COT:	3.68735	
District:	SC			NOXT:	5.25206	
COID:	LA			SOXT:	.024755	
DISN:	SOUTH COAST AQMD			PMT:	.38837	
CHAPIS:				PM10T:	.38642456	

**2014 Toxic Data**

Facility ID:	2852			COID:	LA	
Facility SIC Code:	7812			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:	2852			CERR CODE:		
Facility SIC Code:	7812			TOGT:	1.595031738738632309642420372208779269	
CO:	19			ROGT:	1.3312048	
Air Basin:	SC			COT:	3.02061	
District:	SC			NOXT:	3.97235	
COID:	LA			SOXT:	.02023413	
DISN:	SOUTH COAST AQMD			PMT:	.3229351	
CHAPIS:				PM10T:	.321015296	

**2016 Toxic Data**

Facility ID:	2852			TS:		
Facility SIC Code:	7812			HRA:	6.4	
CERR CODE:				CH Index:	0	
COID:	LA			AH Index:	0	
CO:	19			Air Basin:	SC	
DISN:	SOUTH COAST AQMD			District:	SC	
CHAPIS:						

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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**2017 Criteria Data**

Facility ID:	2852				<b>CERR Code:</b>	
Facility SIC Code:	7812				<b>TOGT:</b>	1.52357660151448311258613061429456926577
CO:	19				<b>ROGT:</b>	1.2625484
Air Basin:	SC				<b>COT:</b>	3.21234
District:	SC				<b>NOXT:</b>	5.11516
COID:	LA				<b>SOXT:</b>	.02079841
DISN:	SOUTH COAST AQMD				<b>PMT:</b>	.3881598
CHAPIS:					<b>PM10T:</b>	.384204592

**2017 Toxic Data**

Facility ID:	2852				<b>COID:</b>	LA
Facility SIC Code:	7812				<b>DISN:</b>	SOUTH COAST AQMD
CO:	19				<b>CHAPIS:</b>	
Air Basin:	SC				<b>CERR Code:</b>	
District:	SC					
TS:						
Health Risk Asmt:		6.4				
Non-Cancer Chronic Haz Ind:		.02				
Non-Cancer Acute Haz Ind:		.02				

**2018 Criteria Data**

Facility ID:	2852				<b>CERR Code:</b>	
Facility SIC Code:	7812				<b>TOGT:</b>	1.69174248649979982181431441492725841075
CO:	19				<b>ROGT:</b>	1.418306355
Air Basin:	SC				<b>COT:</b>	3.04469
District:	SC				<b>NOXT:</b>	3.9591675
COID:	LA				<b>SOXT:</b>	.021248625
DISN:	SOUTH COAST AQMD				<b>PMT:</b>	.327469301
CHAPIS:					<b>PM10T:</b>	.32613039646

**2018 Toxic Data**

Facility ID:	2852				<b>COID:</b>	LA
Facility SIC Code:	7812				<b>DISN:</b>	SOUTH COAST AQMD
CO:	19				<b>CHAPIS:</b>	
Air Basin:	SC				<b>CERR Code:</b>	
District:	SC					
TS:						
Health Risk Asmt:		6.4				
Non-Cancer Chronic Haz Ind:		.02				
Non-Cancer Acute Haz Ind:		.02				

<a href="#">40</a>	10 of 16	E	0.23 / 1,218.25	525.32 / -7	THE WALT DISNEY COMPANY 500 S BUENA VISTA ST. BURBANK CA 91521	EMISSIONS
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**2015 Criteria Data**

Facility ID:	2852				<b>CERR Code:</b>	
Facility SIC Code:	7812				<b>TOGT:</b>	18.50918790307692441567628694329635878151
CO:	19				<b>ROGT:</b>	17.961550085
Air Basin:	SC				<b>COT:</b>	2.328742
District:	SC				<b>NOXT:</b>	3.022909
COID:	LA				<b>SOXT:</b>	.01625996

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
DISN:	SOUTH COAST AQMD			PMT:	2.481741725	
CHAPIS:				PM10T:	2.480109972	
<b><u>2015 Toxic Data</u></b>						
Facility ID:	2852			COID:	LA	
Facility SIC Code:	7812			DISN:	SOUTH COAST AQMD	
CO:	19			CHAPIS:		
Air Basin:	SC			CERR Code:		
District:	SC					
TS:						
Health Risk Asmt:		6.4				
Non-Cancer Chronic Haz Ind:		.02				
Non-Cancer Acute Haz Ind:		.02				

<a href="#">40</a>	11 of 16	E	0.23 / 1,218.25	525.32 / -7	WALT DISNEY CO 500 S BUENA VISTA ST BURBANK CA 91521	EMISSIONS
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**1987 Criteria Data**

Facility ID:	2852			CERR Code:		
Facility SIC Code:	7812			TOGT:	27.4	
CO:	19			ROGT:	23.79823	
Air Basin:	SC			COT:	.4	
District:	SC			NOXT:	1.8	
COID:	LA			SOXT:	.1	
DISN:	SOUTH COAST AQMD			PMT:	.1	
CHAPIS:				PM10T:	.1	

**1987 Toxic Data**

Facility ID:	2852			COID:	LA	
Facility SIC Code:	7812			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:	2852			CERR Code:		
Facility SIC Code:	7812			TOGT:	36.2	
CO:	19			ROGT:	30.39341	
Air Basin:	SC			COT:	.9	
District:	SC			NOXT:	2.3	
COID:	LA			SOXT:	0	
DISN:	SOUTH COAST AQMD			PMT:	.1	
CHAPIS:				PM10T:	.1	

**1990 Toxic Data**

Facility ID:	2852			COID:	LA	
Facility SIC Code:	7812			DISN:	SOUTH COAST AQMD	
CO:	19			CHAPIS:		
Air Basin:	SC			CERR Code:		
District:	SC					
TS:						

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Health Risk Asmt:  
 Non-Cancer Chronic Haz Ind:  
 Non-Cancer Acute Haz Ind:

**1993 Criteria Data**

Facility ID:	2852	CERR Code:	
Facility SIC Code:	7812	TOGT:	22.6
CO:	19	ROGT:	15.57917
Air Basin:	SC	COT:	.2
District:	SC	NOXT:	.8
COID:	LA	SOXT:	0
DISN:	SOUTH COAST AQMD	PMT:	0
CHAPIS:		PM10T:	0

**1993 Toxic Data**

Facility ID:	2852	COID:	LA
Facility SIC Code:	7812	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:	2852	CERR Code:	
Facility SIC Code:	7812	TOGT:	22.6
CO:	19	ROGT:	15.57917
Air Basin:	SC	COT:	.2
District:	SC	NOXT:	.8
COID:	LA	SOXT:	0
DISN:	SOUTH COAST AQMD	PMT:	0
CHAPIS:		PM10T:	0

**1995 Toxic Data**

Facility ID:	2852	COID:	LA
Facility SIC Code:	7812	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:

<a href="#">40</a>	12 of 16	E	0.23 / 1,218.25	525.32 / -7	DISNEY DEVELOPMENT CO. 500 S BUENA VISTA ST. BURBANK CA 91521	EMISSIONS
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**1990 Criteria Data**

Facility ID:	74826	CERR Code:	
Facility SIC Code:	8742	TOGT:	0
CO:	19	ROGT:	0
Air Basin:	SC	COT:	
District:	SC	NOXT:	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
<b>COID:</b>	LA			<b>SOXT:</b>		
<b>DISN:</b>	SOUTH COAST AQMD			<b>PMT:</b>	.1	
<b>CHAPIS:</b>				<b>PM10T:</b>	.095	
<b>1990 Toxic Data</b>						
<b>Facility ID:</b>	74826			<b>COID:</b>	LA	
<b>Facility SIC Code:</b>	8742			<b>DISN:</b>	SOUTH COAST AQMD	
<b>CO:</b>	19			<b>CHAPIS:</b>		
<b>Air Basin:</b>	SC			<b>CERR Code:</b>		
<b>District:</b>	SC					
<b>TS:</b>						
<b>Health Risk Asmt:</b>						
<b>Non-Cancer Chronic Haz Ind:</b>						
<b>Non-Cancer Acute Haz Ind:</b>						

<a href="#">40</a>	13 of 16	E	0.23 / 1,218.25	525.32 / -7	DISNEY ENTERPRISES, INC 500 S BUENA VISTA ST BURBANK CA 91521	CERS TANK
<b>Site ID:</b>	170317			<b>Latitude:</b>	34.156880	
<b>County:</b>	Los Angeles County			<b>Longitude:</b>	-118.325030	

**Regulated Programs**

<b>EI ID:</b>	10229134
<b>EI Description:</b>	RCRA LQ HW Generator
<b>EI ID:</b>	10229134
<b>EI Description:</b>	Underground Storage Tank
<b>EI ID:</b>	10229134
<b>EI Description:</b>	Chemical Storage Facilities
<b>EI ID:</b>	10229134
<b>EI Description:</b>	Hazardous Waste Generator
<b>EI ID:</b>	10229134
<b>EI Description:</b>	Aboveground Petroleum Storage

**Violations**

<b>Violation Date:</b>	08/25/2016	<b>Violation Source:</b>	CERS
<b>Violation Program:</b>	APSA	<b>Violation Division:</b>	Los Angeles County Fire Department
<b>Citation:</b>	HSC 6.67 25270.6(b) - California Health and Safety Code, Chapter 6.67, Section(s) 25270.6(b)		
<b>Violation Notes:</b>	Returned to compliance on 08/25/2016.		
<b>Violation Description:</b>	Failure to pay the APSA Program fee.		

**Violations**

<b>Violation Date:</b>	01/25/2017	<b>Violation Source:</b>	CERS
<b>Violation Program:</b>	HMRPP	<b>Violation Division:</b>	Burbank Fire Department
<b>Citation:</b>	HSC 6.95 25508(a)(3) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(3)		
<b>Violation Notes:</b>	Returned to compliance on 03/03/2017. Update CERS to reflect: Room 125 (add contents) and correct chemicals in the boiler room		
<b>Violation Description:</b>			

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:** 08/09/2019      **Violation Source:** CERS  
**Violation Program:** HWLQG      **Violation Division:** Los Angeles County Fire Department  
**Citation:** 49 CFR 1 172 - U.S. Code of Federal Regulations, Title 49, Chapter 1, Section(s) 172  
**Violation Notes:**

Returned to compliance on 08/09/2019. OBSERVATION: Universal Waste Handler (UWH) failed to properly package, label, mark, placard, or prepare and retain shipping papers for all universal waste being shipped to another universal waste handler, destination facility, or foreign facility. Three drums containing batteries without universal waste labels. CORRECTIVE ACTION: Submit documentation to the CUPA demonstrating that all universal waste noted above have been properly packaged, labeled, marked, placarded, or prepared and retain shipping papers. COS.

**Violation Description:**

Failure of the universal waste handler to transfer universal waste to another universal waste handler, or appropriate destination facility. Failure to package, label, mark and placard shipments and prepare shipping papers for any universal waste that meets the hazardous materials definition in accordance with DOT 49 CFR parts 171-180.

**Evaluations**

**Eval Date:** 07/01/2013  
**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:** HW  
**Eval Source:** CERS  
**Eval Notes:**

Inspected by J. Keegan; Note: data in [EVAL Notes] field for some records is truncated from the source.

**Eval Date:** 08/31/2016  
**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:** APSA  
**Eval Source:** CERS  
**Eval Notes:**

**Eval Date:** 08/25/2016  
**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:** APSA  
**Eval Source:** CERS  
**Eval Notes:**

Chris Lansen, Marcy Guillen; Note: data in [EVAL Notes] field for some records is truncated from the source.

**Eval Date:** 01/25/2017  
**Violations Found:** Yes  
**Eval General Type:** Compliance Evaluation Inspection  
**Eval Type:** Routine done by local agency  
**Eval Division:** Burbank Fire Department  
**Eval Program:** HMRRP  
**Eval Source:** CERS  
**Eval Notes:**

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction</b>	<b>Distance (mi/ft)</b>	<b>Elev/Diff (ft)</b>	<b>Site</b>	<b>DB</b>
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Inspection by K. Kacmar, Fire Inspector II Consent by Christine Larsen; Note: data in [EVAL Notes] field for some records is truncated from the source.

**Eval Date:** 03/06/2018  
**Violations Found:** No  
**Eval General Type:** Compliance Evaluation Inspection  
**Eval Type:** Routine done by local agency  
**Eval Division:** Burbank Fire Department  
**Eval Program:** UST  
**Eval Source:** CERS  
**Eval Notes:**

Annual Inspection Completed By Daniel King.; Note: data in [EVAL Notes] field for some records is truncated from the source.

**Eval Date:** 03/08/2017  
**Violations Found:** No  
**Eval General Type:** Compliance Evaluation Inspection  
**Eval Type:** Routine done by local agency  
**Eval Division:** Burbank Fire Department  
**Eval Program:** UST  
**Eval Source:** CERS  
**Eval Notes:**

Annual inspection completed by Daniel King.; Note: data in [EVAL Notes] field for some records is truncated from the source.

**Eval Date:** 04/26/2017  
**Violations Found:** No  
**Eval General Type:** Other/Unknown  
**Eval Type:** Other, not routine, done by local agency  
**Eval Division:** Burbank Fire Department  
**Eval Program:** UST  
**Eval Source:** CERS  
**Eval Notes:**

SB989 Test.; Note: data in [EVAL Notes] field for some records is truncated from the source.

**Eval Date:** 03/10/2015  
**Violations Found:** No  
**Eval General Type:** Compliance Evaluation Inspection  
**Eval Type:** Routine done by local agency  
**Eval Division:** Burbank Fire Department  
**Eval Program:** UST  
**Eval Source:** CERS  
**Eval Notes:**

Annual Inspection and Monitoring and Spill Bucket Certification Complete. No violations.; Note: data in [EVAL Notes] field for some records is truncated from the source.

**Eval Date:** 08/09/2019  
**Violations Found:** Yes  
**Eval General Type:** Compliance Evaluation Inspection  
**Eval Type:** Routine done by local agency  
**Eval Division:** Los Angeles County Fire Department  
**Eval Program:** HWLQG  
**Eval Source:** CERS  
**Eval Notes:**

Christine Larsen; Note: data in [EVAL Notes] field for some records is truncated from the source.

**Eval Date:** 08/09/2019  
**Violations Found:** No  
**Eval General Type:** Compliance Evaluation Inspection  
**Eval Type:** Routine done by local agency  
**Eval Division:** Los Angeles County Fire Department

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction</b>	<b>Distance (mi/ft)</b>	<b>Elev/Diff (ft)</b>	<b>Site</b>	<b>DB</b>
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**Eval Program:** APSA  
**Eval Source:** CERS  
**Eval Notes:**

Christine Lansen; Note: data in [EVAL Notes] field for some records is truncated from the source.

**Eval Date:** 03/12/2020  
**Violations Found:** No  
**Eval General Type:** Compliance Evaluation Inspection  
**Eval Type:** Routine done by local agency  
**Eval Division:** Burbank Fire Department  
**Eval Program:** UST  
**Eval Source:** CERS  
**Eval Notes:**

Annual Inspection Completed By Daniel King.; Note: data in [EVAL Notes] field for some records is truncated from the source.

**Eval Date:** 04/25/2019  
**Violations Found:** No  
**Eval General Type:** Compliance Evaluation Inspection  
**Eval Type:** Routine done by local agency  
**Eval Division:** Burbank Fire Department  
**Eval Program:** UST  
**Eval Source:** CERS  
**Eval Notes:**

Annual inspection completed by Daniel King; Note: data in [EVAL Notes] field for some records is truncated from the source.

**Eval Date:** 08/25/2016  
**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:**

Chris Lansen, Marcy Guillen; Note: data in [EVAL Notes] field for some records is truncated from the source.

**Affiliations**

**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:** Legal Owner  
**Entity Name:** The Walt Disney Company  
**Entity Title:**  
**Address:** 500 S BUENA VISTA ST  
**City:** BURBANK  
**State:** CA  
**Country:** United States  
**Zip Code:** 91521-5657  
**Phone:** (818) 560-6785

**Affil Type Desc:** Property Owner  
**Entity Name:** THE WALT DISNEY COMPANY  
**Entity Title:**  
**Address:** 500 S BUENA VISTA ST

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction</b>	<b>Distance (mi/ft)</b>	<b>Elev/Diff (ft)</b>	<b>Site</b>	<b>DB</b>
<b>City:</b>		BURBANK				
<b>State:</b>		CA				
<b>Country:</b>		United States				
<b>Zip Code:</b>		91521-5657				
<b>Phone:</b>		(818) 560-1000				
<b>Affil Type Desc:</b>		UST Property Owner Name				
<b>Entity Name:</b>		The Walt Disney Co				
<b>Entity Title:</b>						
<b>Address:</b>		500 S Buena Vista ST				
<b>City:</b>		Burbank				
<b>State:</b>		CA				
<b>Country:</b>		United States				
<b>Zip Code:</b>		91521				
<b>Phone:</b>		(818) 560-6785				
<b>Affil Type Desc:</b>		Environmental Contact				
<b>Entity Name:</b>		Christine Lansen				
<b>Entity Title:</b>						
<b>Address:</b>		500 S. BUENA VISTA ST.				
<b>City:</b>		BURBANK				
<b>State:</b>		CA				
<b>Country:</b>						
<b>Zip Code:</b>		91521-5657				
<b>Phone:</b>						
<b>Affil Type Desc:</b>		Parent Corporation				
<b>Entity Name:</b>		WALT DISNEY PICTURES & TELEVISION				
<b>Entity Title:</b>						
<b>Address:</b>						
<b>City:</b>						
<b>State:</b>						
<b>Country:</b>						
<b>Zip Code:</b>						
<b>Phone:</b>						
<b>Affil Type Desc:</b>		Facility Mailing Address				
<b>Entity Name:</b>		Mailing Address				
<b>Entity Title:</b>						
<b>Address:</b>		500 S BUENA VISTA ST				
<b>City:</b>		BURBANK				
<b>State:</b>		CA				
<b>Country:</b>						
<b>Zip Code:</b>		91521-2621				
<b>Phone:</b>						
<b>Affil Type Desc:</b>		UST Tank Owner				
<b>Entity Name:</b>		THE WALT DISNEY CO				
<b>Entity Title:</b>						
<b>Address:</b>		500 S Buena Vista ST				
<b>City:</b>		Burbank				
<b>State:</b>		CA				
<b>Country:</b>		United States				
<b>Zip Code:</b>		91521				
<b>Phone:</b>		(818) 560-6785				
<b>Affil Type Desc:</b>		Operator				
<b>Entity Name:</b>		WALT DISNEY PICTURES & TELEVISION				
<b>Entity Title:</b>						
<b>Address:</b>						
<b>City:</b>						
<b>State:</b>						
<b>Country:</b>						
<b>Zip Code:</b>						
<b>Phone:</b>		(818) 560-1000				
<b>Affil Type Desc:</b>		UST Permit Applicant				
<b>Entity Name:</b>		Marcy Guillen				
<b>Entity Title:</b>		Environmental Affairs Representative				

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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**Address:**  
**City:**  
**State:**  
**Country:**  
**Zip Code:**  
**Phone:** (818) 560-6785

**Affil Type Desc:** UST Tank Operator  
**Entity Name:** THE WALT DISNEY CO  
**Entity Title:**  
**Address:** 500 S Buena Vista ST  
**City:** Burbank  
**State:** CA  
**Country:** United States  
**Zip Code:** 91521  
**Phone:** (818) 560-6785

<a href="#">40</a>	14 of 16	E	0.23 / 1,218.25	525.32 / -7	WALT DISNEY PICTURES 500 S. BUENA VISTA BURBANK CA	HIST TANK
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<b>Owner Name:</b>	WALT DISNEY PICTURES	<b>No of Containers:</b>	3
<b>Owner Street:</b>	500 S. BUENA VISTA	<b>County:</b>	LOS ANGELES
<b>Owner City:</b>	BURBANK	<b>Facility State:</b>	CA
<b>Owner State:</b>	CA	<b>Facility Zip:</b>	91521
<b>Owner Zip:</b>	91521		

<a href="#">40</a>	15 of 16	E	0.23 / 1,218.25	525.32 / -7	LEE GANOWEN SERVICE STATION 500 S. BUENA VISTA BURBANK CA	HIST TANK
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<b>Owner Name:</b>	WALT DISNEY PRODUCTION	<b>No of Containers:</b>	4
<b>Owner Street:</b>	500 S. BUENA VISTA	<b>County:</b>	LOS ANGELES
<b>Owner City:</b>	BURBANK	<b>Facility State:</b>	CA
<b>Owner State:</b>	CA	<b>Facility Zip:</b>	91521
<b>Owner Zip:</b>	91521		

<a href="#">40</a>	16 of 16	E	0.23 / 1,218.25	525.32 / -7	DISNEY ENTERPRISES, INC. 500 S BUENA VISTA ST BURBANK CA 91521	LA COUNTY CUPA
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**Facility ID:** FA0006014  
**CERS ID:** 10229134

**Active Facility Details**

**PE:** 7020  
**PE:** 1103  
**PE:** 7024  
**PE:** 3701

**Inactive Facility Details**

**PE:** 7024  
**PE:** 7020

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
<a href="#">41</a>	1 of 1	W	0.24 / 1,252.83	541.26 / 8	JASPER DUMANDAN 231 N NIAGARA ST BURBANK CA 91505-3647	RCRA NON GEN

**EPA Handler ID:** CAC003042664  
**Gen Status Universe:** No Report  
**Contact Name:** JASPER DUMANDAN  
**Contact Address:** 363 S MYERS ST , , BURBANK , CA, 91506-2615 ,  
**Contact Phone No and Ext:** 818-239-2679  
**Contact Email:** JRDUMANDAN@GMAIL.COM  
**Contact Country:**  
**County Name:** LOS ANGELES  
**EPA Region:** 09  
**Land Type:**  
**Receive Date:** 20191111

#### Violation/Evaluation Summary

**Note:** NO RECORDS: As of May 2020, 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:** 20191111  
**Handler Name:** JASPER DUMANDAN  
**Source Type:** Implementer  
**Federal Waste Generator Code:** N  
**Generator Code Description:** Not a Generator, Verified

#### Owner/Operator Details

<b>Owner/Operator Ind:</b>	Current Owner	<b>Street No:</b>	
<b>Type:</b>	Other	<b>Street 1:</b>	363 S MYERS ST
<b>Name:</b>	JASPER DUMANDAN	<b>Street 2:</b>	
<b>Date Became Current:</b>		<b>City:</b>	BURBANK
<b>Date Ended Current:</b>		<b>State:</b>	CA
<b>Phone:</b>	818-239-2679	<b>Country:</b>	
<b>Source Type:</b>	Implementer	<b>Zip Code:</b>	91506-2615

<b>Owner/Operator Ind:</b>	Current Operator	<b>Street No:</b>	
<b>Type:</b>	Other	<b>Street 1:</b>	363 S MYERS ST
<b>Name:</b>	JASPER DUMANDAN	<b>Street 2:</b>	
<b>Date Became Current:</b>		<b>City:</b>	BURBANK
<b>Date Ended Current:</b>		<b>State:</b>	CA
<b>Phone:</b>	818-239-2679	<b>Country:</b>	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
<b>Source Type:</b>		Implementer	<b>Zip Code:</b>		91506-2615	
<a href="#">42</a>	1 of 2	WSW	0.24 / 1,270.35	534.08 / 1	3025 W OLIVE AVE BURBANK CA 91523	LA HMS
<b>Site No:</b>	025924					
<b>Area:</b>	3E					
<b><u>Detail Info</u></b>						
<b>Permit No:</b>				<b>Permit Status Code:</b>		
<b>Permit Cat Desc:</b>				<b>Permit Category:</b>		
<b>Status Code:</b>	OPEN			<b>File No:</b> 035410		
<b>Status Desc:</b>	File Opened, no permit exists			<b>File Name:</b> TUNEUP MASTERS #37		
<b>Permit Status Desc:</b>						
<b>Permit Type:</b>						
<b>Permit Type Desc:</b>						
<a href="#">42</a>	2 of 2	WSW	0.24 / 1,270.35	534.08 / 1	STAR AUTO CENTER 3025 W OLIVE AVE BURBANK CA 91505	LA COUNTY CUPA
<b>Facility ID:</b>	FA0019133					
<b>CERS ID:</b>	10735132					
<b><u>Active Facility Details</u></b>						
<b>PE:</b>	1000					
<b><u>Inactive Facility Details</u></b>						
<b>PE:</b>	7020					
<a href="#">43</a>	1 of 1	WSW	0.24 / 1,291.47	532.46 / 0	STUDIO STAR MOBIL 3020 W OLIVE AVE BURBANK CA 91505	UST
<b>Facility ID:</b>	LACoFA0019163		<b>Latitude:</b>		34.15648	
<b>CERS ID:</b>	10229695		<b>Longitude:</b>		-118.33408	
<b>County:</b>	Los Angeles					
<b>Permitting Agency:</b>	Los Angeles County Fire Department					
<b>Note:</b>	Information related to facilities can be searched on Geo Tracker Website: <a href="https://geotracker.waterboards.ca.gov/search">https://geotracker.waterboards.ca.gov/search</a>					
<b>Site Facility Type:</b>	PERMITTED UNDERGROUND STORAGE TANK (UST)					
<b>Source:</b>	Permitted Underground Storage Tank (UST) Data Download					
<a href="#">44</a>	1 of 2	ESE	0.24 / 1,292.16	521.33 / -11	WALT DISNEY 500 S BUENA VISTA ST BURBANK CA 91521	DELISTED TNK
<b><u>Delisted Storage Tanks</u></b>						
<b>Facility ID:</b>	UNK003		<b>Latitude:</b>		34.1571215	
<b>Permitting Agency:</b>	BURBANK, CITY OF		<b>Longitude:</b>		-118.32548	
<b>County:</b>	Los Angeles					
<b>Original Source:</b>	UST					
<b>Record Date:</b>	30-JAN-2017					

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
<a href="#">44</a>	2 of 2	ESE	0.24 / 1,292.16	521.33 / -11	ABC-7 TELEVISION BROADCAST FACILITY 500 S. BUENA VISTA Burbank CA 91521	DELISTED TNK

**Delisted Storage Tanks**

**Facility ID:** 19-070-014639  
**Permitting Agency:** GLENDALE, CITY OF  
**County:** Los Angeles  
**Original Source:** UST  
**Record Date:** 30-JAN-2017  
**Latitude:** 34.1571215  
**Longitude:** -118.32548

<a href="#">45</a>	1 of 7	WSW	0.25 / 1,297.29	533.78 / 1	3020 W OLIVE AVE BURBANK CA 91502	LA HMS
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**Site No:** 010897  
**Area:** 3E

**Detail Info**

**Permit No:** 00002312T  
**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:** 010873  
**File Name:** CHEVRON USA SS

**Detail Info**

**Permit No:** 00004508T  
**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:** 012687  
**File Name:** EXXON USA #7-6146

<a href="#">45</a>	2 of 7	WSW	0.25 / 1,297.29	533.78 / 1	PRONTO CHEVRON 3020 W. OLIVE BURBANK BURBANK CA 90201	HHSS
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**County:** Los Angeles  
**Pdf File Url:** <http://geotracker.waterboards.ca.gov/ustpdfs/pdf/00026a53.pdf>

<a href="#">45</a>	3 of 7	WSW	0.25 / 1,297.29	533.78 / 1	Studio Star Mobile 3020 W Olive AVE Burbank CA 91505	BURBANK CUPA
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**CERS ID:** 10229695  
**Status:** Active  
**Program Element:** HazMat/UST

<a href="#">45</a>	4 of 7	WSW	0.25 / 1,297.29	533.78 / 1	STUDIO STAR MOBIL 3020 W OLIVE AVE BURBANK CA 91505	CERS TANK
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<b>Map Key</b>	<b>Number of Records</b>	<b>Direction</b>	<b>Distance (mi/ft)</b>	<b>Elev/Diff (ft)</b>	<b>Site</b>	<b>DB</b>
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<b>Site ID:</b>	157650			<b>Latitude:</b>	34.157005	
<b>County:</b>	Los Angeles County			<b>Longitude:</b>	-118.333807	

**Regulated Programs**

<b>EI ID:</b>	10229695
<b>EI Description:</b>	Underground Storage Tank
<b>EI ID:</b>	T0603790017
<b>EI Description:</b>	Leaking Underground Storage Tank Cleanup Site
<b>EI ID:</b>	10229695
<b>EI Description:</b>	Chemical Storage Facilities

**Evaluations**

<b>Eval Date:</b>	06/21/2018
<b>Violations Found:</b>	No
<b>Eval General Type:</b>	Compliance Evaluation Inspection
<b>Eval Type:</b>	Routine done by local agency
<b>Eval Division:</b>	Burbank Fire Department
<b>Eval Program:</b>	HMRRP
<b>Eval Source:</b>	CERS
<b>Eval Notes:</b>	

Inspection Complete.; Note: data in [EVAL Notes] field for some records is truncated from the source.

<b>Eval Date:</b>	12/18/2015
<b>Violations Found:</b>	No
<b>Eval General Type:</b>	Compliance Evaluation Inspection
<b>Eval Type:</b>	Routine done by local agency
<b>Eval Division:</b>	Burbank Fire Department
<b>Eval Program:</b>	UST
<b>Eval Source:</b>	CERS
<b>Eval Notes:</b>	

Annual Inspection Completed by Daniel king. Monitoring Certification Completed By Robertson Testing.; Note: data in [EVAL Notes] field for some records is truncated from the source.

<b>Eval Date:</b>	12/28/2018
<b>Violations Found:</b>	No
<b>Eval General Type:</b>	Compliance Evaluation Inspection
<b>Eval Type:</b>	Routine done by local agency
<b>Eval Division:</b>	Burbank Fire Department
<b>Eval Program:</b>	UST
<b>Eval Source:</b>	CERS
<b>Eval Notes:</b>	

Annual Inspection Completed By Daniel King.; Note: data in [EVAL Notes] field for some records is truncated from the source.

<b>Eval Date:</b>	12/31/2019
<b>Violations Found:</b>	No
<b>Eval General Type:</b>	Compliance Evaluation Inspection
<b>Eval Type:</b>	Routine done by local agency
<b>Eval Division:</b>	Burbank Fire Department
<b>Eval Program:</b>	UST
<b>Eval Source:</b>	CERS
<b>Eval Notes:</b>	

Annual Inspection Completed by Daniel king.; Note: data in [EVAL Notes] field for some records is truncated from the source.

<b>Eval Date:</b>	12/21/2017
<b>Violations Found:</b>	No

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction</b>	<b>Distance (mi/ft)</b>	<b>Elev/Diff (ft)</b>	<b>Site</b>	<b>DB</b>
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**Eval General Type:** Compliance Evaluation Inspection  
**Eval Type:** Routine done by local agency  
**Eval Division:** Burbank Fire Department  
**Eval Program:** UST  
**Eval Source:** CERS  
**Eval Notes:**

Annual Inspection Completed by Daniel King.; Note: data in [EVAL Notes] field for some records is truncated from the source.

**Affiliations**

**Affil Type Desc:** Legal Owner  
**Entity Name:** MARLYN WEBB  
**Entity Title:**  
**Address:** 3020 W. OLIVE AVE.  
**City:** BURBANK  
**State:** CA  
**Country:** United States  
**Zip Code:**  
**Phone:** (818) 843-0181

**Affil Type Desc:** Local Agency Caseworker  
**Entity Name:** JORGE MARTINEZ - BURBANK, CITY OF  
**Entity Title:**  
**Address:** 311 E ORANGE GROVE AVE  
**City:** BURBANK  
**State:** CA  
**Country:**  
**Zip Code:**  
**Phone:**

**Affil Type Desc:** Facility Mailing Address  
**Entity Name:** Mailing Address  
**Entity Title:**  
**Address:** 3020 W. OLIVE AVE.  
**City:** BURBANK  
**State:** CA  
**Country:**  
**Zip Code:** 91505  
**Phone:**

**Affil Type Desc:** UST Property Owner Name  
**Entity Name:** MARLYN WEBB  
**Entity Title:**  
**Address:** 3020 W. OLIVE AVE.  
**City:** BURBANK  
**State:** CA  
**Country:** United States  
**Zip Code:** 91505  
**Phone:** (818) 843-0181

**Affil Type Desc:** Document Preparer  
**Entity Name:** ROBERT ALDOIAN  
**Entity Title:**  
**Address:**  
**City:**  
**State:**  
**Country:**  
**Zip Code:**  
**Phone:**

**Affil Type Desc:** Operator  
**Entity Name:** Edgar Martirosyan  
**Entity Title:**  
**Address:**  
**City:**  
**State:**

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction</b>	<b>Distance (mi/ft)</b>	<b>Elev/Diff (ft)</b>	<b>Site</b>	<b>DB</b>
<b>Country:</b>						
<b>Zip Code:</b>						
<b>Phone:</b>			(818) 929-0080			
<b>Affil Type Desc:</b>			UST Tank Operator			
<b>Entity Name:</b>			Edgar Martirosyan			
<b>Entity Title:</b>						
<b>Address:</b>			3020 W. Olive			
<b>City:</b>			Burbank			
<b>State:</b>			Ca			
<b>Country:</b>			United States			
<b>Zip Code:</b>			91505			
<b>Phone:</b>			(818) 929-0080			
<b>Affil Type Desc:</b>			CUPA District			
<b>Entity Name:</b>			Los Angeles County Fire			
<b>Entity Title:</b>						
<b>Address:</b>			5825 Rickenbacker Road			
<b>City:</b>			Commerce			
<b>State:</b>			CA			
<b>Country:</b>						
<b>Zip Code:</b>			90040-3027			
<b>Phone:</b>			(323) 890-4000			
<b>Affil Type Desc:</b>			Identification Signer			
<b>Entity Name:</b>			Edgar Martirosyan			
<b>Entity Title:</b>			operator			
<b>Address:</b>						
<b>City:</b>						
<b>State:</b>						
<b>Country:</b>						
<b>Zip Code:</b>						
<b>Phone:</b>						
<b>Affil Type Desc:</b>			Environmental Contact			
<b>Entity Name:</b>			Edgar Martirosyan			
<b>Entity Title:</b>						
<b>Address:</b>			3020 W. OLIVE AVE.			
<b>City:</b>			BURBANK			
<b>State:</b>			CA			
<b>Country:</b>						
<b>Zip Code:</b>			91505			
<b>Phone:</b>						
<b>Affil Type Desc:</b>			UST Tank Owner			
<b>Entity Name:</b>			MARLYN WEBB			
<b>Entity Title:</b>						
<b>Address:</b>			3020 W. OLIVE AVE.			
<b>City:</b>			BURBANK			
<b>State:</b>			CA			
<b>Country:</b>			United States			
<b>Zip Code:</b>			91505			
<b>Phone:</b>			(818) 843-0181			
<b>Affil Type Desc:</b>			Parent Corporation			
<b>Entity Name:</b>			STUDIO STAR MOBIL			
<b>Entity Title:</b>						
<b>Address:</b>						
<b>City:</b>						
<b>State:</b>						
<b>Country:</b>						
<b>Zip Code:</b>						
<b>Phone:</b>						
<b>Affil Type Desc:</b>			UST Permit Applicant			
<b>Entity Name:</b>			Edgar Martirosyan			
<b>Entity Title:</b>			Operator			
<b>Address:</b>						
<b>City:</b>						

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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State:  
Country:  
Zip Code:  
Phone: (818) 929-0080

**Coordinates**

Env Int Type Code:	UST	Longitude:	-118.334080
Program ID:	10229695	Coord Name:	
Latitude:	34.156480	Ref Point Type Desc:	Center of a facility or station.

<a href="#">45</a>	5 of 7	WSW	0.25 / 1,297.29	533.78 / 1	PRONTO CHEVRON 3020 W. OLIVE BURBANK BURBANK CA	HIST TANK
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Owner Name:	GARY WEBB & SONS INC.	No of Containers:	6
Owner Street:	5703 EGAGE AVE.	County:	LOS ANGELES
Owner City:	BELL GARDENS	Facility State:	CA
Owner State:	CA	Facility Zip:	90201
Owner Zip:	90201		

<a href="#">45</a>	6 of 7	WSW	0.25 / 1,297.29	533.78 / 1	STUDIO STAR FOODMART 3020 W OLIVE BURBANK CA 91505	EMISSIONS
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**2017 Toxic Data**

Facility ID:	110097	COID:	LA
Facility SIC Code:	9999	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 Toxic Data**

Facility ID:	110097	COID:	LA
Facility SIC Code:	9999	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:			

<a href="#">45</a>	7 of 7	WSW	0.25 / 1,297.29	533.78 / 1	STUDIO STAR MOBIL 3020 W OLIVE AVE BURBANK CA 91505	LA COUNTY CUPA
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Facility ID:	FA0019163
CERS ID:	10229695

**Active Facility Details**

PE: 7024

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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**Inactive Facility Details**

PE: 7024  
PE: 7020

<a href="#">46</a>	1 of 1	WSW	0.25 / 1,311.10	531.14 / -2	NBC-FIELD SHOP 3000 ALAMEDA AVE W BURBANK CA 91523	LUST
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Global ID: T0603702546  
 Status: COMPLETED - CASE CLOSED  
 Status Date: 5/28/2003  
 Case Type: LUST CLEANUP SITE  
 Date Source: LUST Cleanup Sites from GeoTracker Search; LUST Cleanup Sites from GeoTracker Cleanup Sites Data Download

County: LOS ANGELES  
 Latitude: 34.156136  
 Longitude: -118.333375

**LUST Cleanup Sites from GeoTracker Cleanup Sites Data Download - Facilities Detail**

RB Case No: 915230016  
 Local Case No:  
 Begin Date: 4/16/1992  
 Lead Agency: LOS ANGELES RWQCB (REGION 4)  
 Local Agency: BURBANK, CITY OF  
 CUF Case: NO  
 Potential Media of Concern: Soil  
 How Discovered Description:  
 Calwater Watershed Name: Los Angeles River - San Fernando - Bull Canyon (412.21)  
 DWR GW Subbasin Name: San Fernando Valley (4-012)  
 Disadvantaged Community:  
 Site History:

Potential COC: Gasoline  
 How Discovered: Other Means  
 Stop Method:  
 Stop Description:  
 Case Worker: MB  
 File Location:

**Regulatory Activity**

Action Type: ENFORCEMENT  
 Date : 5/28/2003  
 Action: Closure/No Further Action Letter

Action Type: RESPONSE  
 Date : 1/21/2000  
 Action: Other Report / Document

Action Type: ENFORCEMENT  
 Date : 12/10/1999  
 Action: 13267 Requirement

Action Type: Other  
 Date : 4/24/1992  
 Action: Leak Reported

Action Type: Other  
 Date : 4/16/1992  
 Action: Leak Discovery

Action Type: Other  
 Date : 4/16/1992  
 Action: Leak Stopped

**Regulatory Contacts**

Contact Type: Local Agency Caseworker  
 Contact Name: JORGE MARTINEZ  
 City: BURBANK

Address: 311 E ORANGE GROVE AVE  
 Email: jmartinez@ci.burbank.ca.us  
 Phone No:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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**Organization Name:** BURBANK, CITY OF

<b>Contact Type:</b>	Regional Board Caseworker	<b>Address:</b>	320 W. 4TH ST., SUITE 200
<b>Contact Name:</b>	MAGDY BAIADY	<b>Email:</b>	mbaady@waterboards.ca.gov
<b>City:</b>	LOS ANGELES	<b>Phone No:</b>	2135766699
<b>Organization Name:</b>	LOS ANGELES RWQCB (REGION 4)		

**Status History**

**Status:** Completed - Case Closed  
**Status Date:** 5/28/2003

**Status:** Open - Site Assessment  
**Status Date:** 4/24/1992

**Status:** Open - Case Begin Date  
**Status Date:** 4/16/1992

**LUST Sites from GeoTracker Search - Regulatory Profile (as of Feb 24, 2020)**

<b>Site Facility Name:</b>	NBC-FIELD SHOP	<b>Potential COC:</b>	GASOLINE
<b>Site Facility Type:</b>	LUST CLEANUP SITE	<b>Facility Type:</b>	
<b>Cleanup Status:</b>	COMPLETED - CASE CLOSED	<b>Composting Method:</b>	
<b>Project Status:</b>		<b>Address:</b>	3000 ALAMEDA AVE W
<b>WDR Place Type:</b>		<b>City:</b>	BURBANK
<b>WDR File:</b>		<b>Zip:</b>	91523
<b>WDR Order:</b>		<b>County:</b>	LOS ANGELES
<b>CUF Priority Assig:</b>		<b>CUF Claim:</b>	
<b>CUF Amount Paid:</b>			
<b>File Location:</b>			
<b>Designated Beneficial Use:</b>	MUN, AGR, IND, PROC		
<b>Project Oversight Agencies:</b>			
<b>Report Link:</b>	<a href="https://geotracker.waterboards.ca.gov/profile_report?global_id=T0603702546">https://geotracker.waterboards.ca.gov/profile_report?global_id=T0603702546</a>		
<b>Cleanup Status Detail:</b>	COMPLETED - CASE CLOSED AS OF 5/28/2003		
<b>Cleanup History Link:</b>	<a href="https://geotracker.waterboards.ca.gov/profile_report_include?global_id=T0603702546&amp;tabname=regulatoryhistory">https://geotracker.waterboards.ca.gov/profile_report_include?global_id=T0603702546&amp;tabname=regulatoryhistory</a>		
<b>Potential Media of Concern:</b>	SOIL		
<b>User Defined Beneficial Use:</b>			
<b>DWR GW Sub Basin:</b>	San Fernando Valley (4-012)		
<b>Calwater Watershed Name:</b>	Los Angeles River - San Fernando - Bull Canyon (412.21)		
<b>Post Closure Site Management:</b>			
<b>Future Land Use:</b>			
<b>Cleanup Oversight Agencies:</b>	LOS ANGELES RWQCB (REGION 4) (LEAD) - CASE #: 915230016 CASEWORKER: MAGDY BAIADY BURBANK, CITY OF CASEWORKER: JORGE MARTINEZ		

**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 (as of Feb 24, 2020)**

**Status:** Completed - Case Closed  
**Date :** 5/28/2003

**Status:** Open - Site Assessment  
**Date :** 4/24/1992

**Status:** Open - Case Begin Date  
**Date :** 4/16/1992

**LUST Sites from GeoTracker Search - Regulatory Activities (as of Feb 24, 2020)**

**Action Type:** Other Regulatory Actions  
**Action Date:** 5/28/2003  
**Received Issue Date:** 5/28/2003  
**Action:** Closure/No Further Action Letter  
**Doc Link:**  
**Title Description Comments:**

**Action Type:** Response Requested - Other  
**Action Date:** 1/21/2000  
**Received Issue Date:** 1/15/2000  
**Action:** Other Report / Document  
**Doc Link:**  
**Title Description Comments:**

Additional Information Report

**Action Type:** Enforcement/Orders  
**Action Date:** 12/10/1999  
**Received Issue Date:** 12/10/1999  
**Action:** 13267 Requirement  
**Doc Link:**  
**Title Description Comments:**

**Action Type:** Leak Action  
**Action Date:** 4/16/1992  
**Received Issue Date:**  
**Action:** Leak Discovery  
**Doc Link:**  
**Title Description Comments:**

**Action Type:** Leak Action  
**Action Date:** 4/16/1992  
**Received Issue Date:**  
**Action:** Leak Stopped  
**Doc Link:**  
**Title Description Comments:**

**Action Type:** Leak Action  
**Action Date:** 4/24/1992  
**Received Issue Date:**  
**Action:** Leak Reported  
**Doc Link:**  
**Title Description Comments:**

<a href="#">47</a>	1 of 1	ESE	0.31 / 1,661.96	516.41 / -16	WALT DISNEY STUDIOS 500 SOUTH BUENA VISTA STREET BURBANK CA 91505	CLEANUP SITES
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<b>Global ID:</b>	SL603799015	<b>Site Facility Type:</b>	CLEANUP PROGRAM SITE
<b>Status:</b>	COMPLETED - CASE CLOSED	<b>County:</b>	LOS ANGELES
<b>Status Date:</b>	8/24/2012	<b>Latitude:</b>	34.1562809887803
<b>Longitude:</b>	-118.325115968201		
<b>Data Source:</b>	Cleanup Program Sites from GeoTracker Search; Cleanup Sites from GeoTracker Cleanup Sites Data Download		

**Cleanup Sites from GeoTracker Cleanup Sites Data Download - Facilities Detail**

<b>RB Case No:</b>	110.0211	<b>CUF Case:</b>	NO
<b>Local Case No:</b>		<b>Case Worker:</b>	LM
<b>Begin Date:</b>	4/30/1990	<b>File Location:</b>	
<b>Stop Method:</b>			

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction</b>	<b>Distance (mi/ft)</b>	<b>Elev/Diff (ft)</b>	<b>Site</b>	<b>DB</b>
<b>Lead Agency:</b>		LOS ANGELES RWQCB (REGION 4)				
<b>Local Agency:</b>						
<b>Potential COC:</b>						
<b>Potential Media of Concern:</b>		Aquifer used for drinking water supply				
<b>How Discovered:</b>						
<b>How Discovered Description:</b>						
<b>Stop Description:</b>						
<b>Calwater Watershed Name:</b>		Los Angeles River - San Fernando - Bull Canyon (412.21)				
<b>DWR GW Subbasin Name:</b>		San Fernando Valley (4-012)				
<b>Disadvantaged Community:</b>						
<b>Site History:</b>						

**Cleanup Sites from GeoTracker Cleanup Sites Data Download - Regulatory Activity**

<b>Action Type:</b>	ENFORCEMENT
<b>Date :</b>	2012-08-24 00:00:00
<b>Action:</b>	Closure/No Further Action Letter
<b>Action Type:</b>	ENFORCEMENT
<b>Date :</b>	2010-10-18 00:00:00
<b>Action:</b>	13267 Requirement
<b>Action Type:</b>	ENFORCEMENT
<b>Date :</b>	1994-04-26 00:00:00
<b>Action:</b>	Staff Letter - #LT940426
<b>Action Type:</b>	REMEDIATION
<b>Date :</b>	1992-07-01 00:00:00
<b>Action:</b>	
<b>Action Type:</b>	REMEDIATION
<b>Date :</b>	1990-08-17 00:00:00
<b>Action:</b>	
<b>Action Type:</b>	Other
<b>Date :</b>	1965-01-02 00:00:00
<b>Action:</b>	Leak Reported

**Cleanup Sites from GeoTracker Cleanup Sites Data Download - Status History**

<b>Status:</b>	Completed - Case Closed
<b>Status Date:</b>	2012-08-24 00:00:00
<b>Status:</b>	Open - Reopen Case
<b>Status Date:</b>	1997-09-16 00:00:00
<b>Status:</b>	Open - Remediation
<b>Status Date:</b>	1994-11-10 00:00:00
<b>Status:</b>	Open - Site Assessment
<b>Status Date:</b>	1992-12-11 00:00:00
<b>Status:</b>	Open - Site Assessment
<b>Status Date:</b>	1990-11-16 00:00:00
<b>Status:</b>	Open - Remediation
<b>Status Date:</b>	1990-08-17 00:00:00
<b>Status:</b>	Open - Site Assessment
<b>Status Date:</b>	1990-04-30 00:00:00
<b>Status:</b>	Open - Case Begin Date
<b>Status Date:</b>	1990-04-30 00:00:00

**Cleanup Sites from GeoTracker Cleanup Sites Data Download - Regulatory Contacts**

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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**Contact Type:** Regional Board Caseworker  
**Contact Name:** LARRY MOORE  
**Phone No:**  
**Organization Name:** LOS ANGELES RWQCB (REGION 4)  
**Email:** lmoore@waterboards.ca.gov  
**Address:** 320 W. 4TH ST., SUITE 200  
**City:** LOS ANGELES

**Cleanup Program Sites from GeoTracker Search - Regulatory Profile (as of Feb 24, 2020)**

**Project Status:**  
**CUF Claim:**  
**CUF Priority Assign:**  
**CUF Amount Paid:**  
**Facility Type:**  
**User Defined Beneficial Use:**  
**Designated Beneficial Use:** MUN, AGR, IND, PROC  
**Designated Beneficial 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=SL603799015](https://geotracker.waterboards.ca.gov/profile_report?global_id=SL603799015)  
**Cleanup Status Detail:** COMPLETED - CASE CLOSED AS OF 8/24/2012  
**Cleanup History Link:** [https://geotracker.waterboards.ca.gov/profile\\_report\\_include?global\\_id=SL603799015&tabname=regulatoryhistory](https://geotracker.waterboards.ca.gov/profile_report_include?global_id=SL603799015&tabname=regulatoryhistory)  
**Potential COC:** METALS/HEAVY METALS, VOLATILE ORGANIC COMPOUNDS  
**Potential Media of Concern:** AQUIFER USED FOR DRINKING WATER SUPPLY  
**GW Monitoring Freq:**  
**DWR GW Sub Basin:** San Fernando Valley (4-012)  
**Calwater Watershed Name:** Los Angeles River - San Fernando - Bull Canyon (412.21)  
**Post Closure Site Management:**  
**Future Land Use:**  
**Cleanup Oversight Agencies:** LOS ANGELES RWQCB (REGION 4) (LEAD) - CASE #: 110.0211  
 CASEWORKER: LARRY MOORE

**Site History:**

No site history available

**Sites from GeoTracker Search - Cleanup Action Report (as of Feb 24, 2020)**

**Action Type:** UNKNOWN  
**Phase:**  
**Description:** VEHICLE WASHING OPERATION ON-SITE. WASTEWATER TO STORM DRAIN. ACTION TAKEN: OPERATION CHANGED, RUNOFF RESTRICTED TO SANITARY SEWER.  
**Contaminant Mass Removed:**

**Action Type:** UNKNOWN  
**Phase:**  
**Description:** VEHICLE WASHING OPERATION ON-SITE. WASTEWATER TO STORM DRAIN. ACTION TAKEN: OPERATION CHANGED, RUNOFF RESTRICTED TO SANITARY SEWER.  
**Contaminant Mass Removed:**

**Sites from GeoTracker Search - Regulatory Activities (as of Feb 24, 2020)**

**Action Type:** Other Regulatory Actions  
**Action Date:** 8/24/2012  
**Received Issue Date:** 8/24/2012  
**Action:** Closure/No Further Action Letter  
**Doc Link:** [https://geotracker.waterboards.ca.gov/view\\_documents?global\\_id=SL603799015&enforcement\\_id=6159032&temptable=ENFORCEMENT](https://geotracker.waterboards.ca.gov/view_documents?global_id=SL603799015&enforcement_id=6159032&temptable=ENFORCEMENT)

**Title Description Comments:**

No Further Action

**Action Type:** Enforcement/Orders  
**Action Date:** 10/18/2010  
**Received Issue Date:** 10/18/2010  
**Action:** 13267 Requirement

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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**Doc Link:** [https://geotracker.waterboards.ca.gov/view\\_documents?global\\_id=SL603799015&enforcement\\_id=6323681&temptable=ENFORCEMENT](https://geotracker.waterboards.ca.gov/view_documents?global_id=SL603799015&enforcement_id=6323681&temptable=ENFORCEMENT)

**Title Description Comments:**

13267 Order for Soil and Groundwater Investigation Work Plan

**Action Type:** Other Regulatory Actions  
**Action Date:** 4/26/1994  
**Received Issue Date:** 4/26/1994  
**Action:** Staff Letter - #LT940426  
**Doc Link:**  
**Title Description Comments:**

**Action Type:** Cleanup Action  
**Action Date:** 7/1/1992  
**Received Issue Date:**  
**Action:**  
**Doc Link:**  
**Title Description Comments:**

VEHICLE WASHING OPERATION ON-SITE. WASTEWATER TO STORM DRAIN. ACTION TAKEN: OPERATION CHANGED, RUNOFF RESTRICTED TO SANITARY SEWER.

**Action Type:** Cleanup Action  
**Action Date:** 8/17/1990  
**Received Issue Date:**  
**Action:**  
**Doc Link:**  
**Title Description Comments:**

VEHICLE WASHING OPERATION ON-SITE. WASTEWATER TO STORM DRAIN. ACTION TAKEN: OPERATION CHANGED, RUNOFF RESTRICTED TO SANITARY SEWER.

**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 Feb 24, 2020)**

<b>Document Type:</b>	Site Documents	<b>Submitted:</b>	
<b>Document Date:</b>	8/24/2012	<b>Submitted By:</b>	ASHEEKA PRASAD (REGULATOR)
<b>Size :</b>			
<b>Title:</b>	NO FURTHER ACTION		
<b>Title Link:</b>	<a href="https://geotracker.waterboards.ca.gov/view_documents?global_id=SL603799015&amp;enforcement_id=6159032">https://geotracker.waterboards.ca.gov/view_documents?global_id=SL603799015&amp;enforcement_id=6159032</a>		
<b>Type:</b>	CLOSURE/NO FURTHER ACTION LETTER		

<b>Document Type:</b>	Site Documents	<b>Submitted:</b>	
<b>Document Date:</b>	8/30/2011	<b>Submitted By:</b>	JESSICA CURRAN (AUTH_RP)
<b>Size :</b>	22,509 KB		
<b>Title:</b>	SOIL AND GROUNDWATER INVESTIGATION REPORT		
<b>Title Link:</b>	<a href="https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/2357984185/SL603799015.PDF">https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/2357984185/SL603799015.PDF</a>		
<b>Type:</b>	SITE INVESTIGATION		

<b>Document Type:</b>	Site Documents	<b>Submitted:</b>	
<b>Document Date:</b>	5/27/2011*	<b>Submitted By:</b>	JESSICA CURRAN (AUTH_RP)
<b>Size :</b>	5,735 KB		
<b>Title:</b>	INSERTION PAGES AND COMMENT RESPONSES SUBMITTAL FOR JANUARY 24, 2011 SOIL AND GROUNDWATER INVESTIGATION WORK PLAN		
<b>Title Link:</b>	<a href="https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/3240598320/SL603799015.PDF">https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/3240598320/SL603799015.PDF</a>		
<b>Type:</b>	CORRESPONDENCE		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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<b>Document Type:</b>	Site Documents	<b>Submitted:</b>				
<b>Document Date:</b>	1/28/2011*	<b>Submitted By:</b>	JESSICA CURRAN (AUTH_RP)			
<b>Size :</b>	28,353 KB					
<b>Title:</b>	SOIL AND GROUNDWATER INVESTIGATION WORK PLAN JANUARY 14, 2011 PART 1 OF 2					
<b>Title Link:</b>	<a href="https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/5940836608/SL603799015.PDF">https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/5940836608/SL603799015.PDF</a>					
<b>Type:</b>	SOIL AND WATER INVESTIGATION WORKPLAN					
<b>Document Type:</b>	Site Documents	<b>Submitted:</b>				
<b>Document Date:</b>	1/28/2011*	<b>Submitted By:</b>	JESSICA CURRAN (AUTH_RP)			
<b>Size :</b>	24,099 KB					
<b>Title:</b>	SOIL AND GROUNDWATER INVESTIGATION WORK PLAN JANUARY 14, 2011 PART 2 OF 2					
<b>Title Link:</b>	<a href="https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/8795426368/SL603799015.PDF">https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/8795426368/SL603799015.PDF</a>					
<b>Type:</b>	SOIL AND WATER INVESTIGATION WORKPLAN					
<b>Document Type:</b>	Site Documents	<b>Submitted:</b>				
<b>Document Date:</b>	10/18/2010	<b>Submitted By:</b>	CHRISTINA HUMPHREYS (REGULATOR)			
<b>Size :</b>						
<b>Title:</b>	13267 ORDER FOR SOIL AND GROUNDWATER INVESTIGATION WORK PLAN					
<b>Title Link:</b>	<a href="https://geotracker.waterboards.ca.gov/view_documents?global_id=SL603799015&amp;enforcement_id=6323681">https://geotracker.waterboards.ca.gov/view_documents?global_id=SL603799015&amp;enforcement_id=6323681</a>					
<b>Type:</b>	13267 REQUIREMENT					

**Sites from GeoTracker Search - Cleanup Status History (as of Feb 24, 2020)**

<b>Status:</b>	Completed - Case Closed
<b>Date :</b>	8/24/2012
<b>Status:</b>	Open - Reopen Case
<b>Date :</b>	9/16/1997
<b>Status:</b>	Open - Remediation
<b>Date :</b>	11/10/1994
<b>Status:</b>	Open - Site Assessment
<b>Date :</b>	12/11/1992
<b>Status:</b>	Open - Site Assessment
<b>Date :</b>	11/16/1990
<b>Status:</b>	Open - Remediation
<b>Date :</b>	8/17/1990
<b>Status:</b>	Open - Site Assessment
<b>Date :</b>	4/30/1990
<b>Status:</b>	Open - Case Begin Date
<b>Date :</b>	4/30/1990

**Sites from GeoTracker Search - Related Cases (as of Feb 24, 2020)**

<b>Identifier:</b>	WDR100000021	<b>Address:</b>	500 South Buena Vista Street
<b>Status:</b>	HISTORICAL - WDR	<b>City:</b>	BURBANK
<b>Association:</b>	Related Global ID		
<b>Description:</b>			
<b>Project Name:</b>	Walt Disney Co.		
<b>Project Link:</b>	<a href="https://geotracker.waterboards.ca.gov/profile_report?global_id=WDR100000021">https://geotracker.waterboards.ca.gov/profile_report?global_id=WDR100000021</a>		

<a href="#">48</a>	1 of 1	E	0.36 / 1,900.51	523.61 / -9	<b>BWP Keystone Distributing Station 413 S KEYSTONE ST BURBANK CA 91505</b>	<b>DELISTED HAZ</b>
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<b>Siteid:</b>	14259
<b>Latitude:</b>	34.159291
<b>Longitude:</b>	-118.323904
<b>Original Source:</b>	CHAZ
<b>Record Date:</b>	04-JAN-2018

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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<a href="#">49</a>	1 of 2	SSW	0.39 / 2,045.21	528.89 / -4	NBC STUDIOS 3000 W. ALAMEDA AVE. BURBANK CA 91505	CLEANUP SITES
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**Global ID:** SL603799013  
**Status:** COMPLETED - CASE CLOSED  
**Status Date:** 1/14/2019  
**Longitude:** -118.33363148876  
**Data Source:** Cleanup Program Sites from GeoTracker Search; Cleanup Sites from GeoTracker Cleanup Sites Data Download

**Site Facility Type:** CLEANUP PROGRAM SITE  
**County:** LOS ANGELES  
**Latitude:** 34.1560379604157

**Cleanup Sites from GeoTracker Cleanup Sites Data Download - Facilities Detail**

**RB Case No:** 110.0208  
**Local Case No:**  
**Begin Date:** 4/30/1990

**CUF Case:** NO  
**Case Worker:** GJH  
**File Location:** All Files are on GeoTracker or in the Local Agency Database

**Stop Method:**  
**Lead Agency:** LOS ANGELES RWQCB (REGION 4)  
**Local Agency:**  
**Potential COC:**  
**Potential Media of Concern:** Aquifer used for drinking water supply  
**How Discovered:** Visual  
**How Discovered Description:** Faulty meter.  
**Stop Description:**  
**Calwater Watershed Name:** Los Angeles River - San Fernando - Bull Canyon (412.21)  
**DWR GW Subbasin Name:** San Fernando Valley (4-012)  
**Disadvantaged Community:**  
**Site History:**

Per letter dated 2001-03-09, WIP# 110.0209 joined to WIP# 110.0208.

**Cleanup Sites from GeoTracker Cleanup Sites Data Download - Regulatory Activity**

**Action Type:** ENFORCEMENT  
**Date :** 2004-06-22 00:00:00  
**Action:** Closure/No Further Action Letter

**Action Type:** ENFORCEMENT  
**Date :** 2004-03-15 00:00:00  
**Action:** 13267 Requirement

**Action Type:** ENFORCEMENT  
**Date :** 2001-06-20 00:00:00  
**Action:** Site Visit / Inspection / Sampling

**Action Type:** ENFORCEMENT  
**Date :** 2001-03-09 00:00:00  
**Action:** Notice of Violation

**Action Type:** RESPONSE  
**Date :** 2001-01-08 00:00:00  
**Action:** Request for Closure

**Action Type:** ENFORCEMENT  
**Date :** 2000-11-09 00:00:00  
**Action:** Staff Letter

**Action Type:** ENFORCEMENT  
**Date :** 2000-11-08 00:00:00  
**Action:** 13267 Requirement

**Action Type:** ENFORCEMENT  
**Date :** 1996-11-21 00:00:00

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction</b>	<b>Distance (mi/ft)</b>	<b>Elev/Diff (ft)</b>	<b>Site</b>	<b>DB</b>
<b>Action:</b>					Closure/No Further Action Letter	
<b>Action Type:</b>					Other	
<b>Date :</b>					1992-04-24 00:00:00	
<b>Action:</b>					Leak Reported	
<b>Action Type:</b>					Other	
<b>Date :</b>					1992-04-16 00:00:00	
<b>Action:</b>					Leak Began	
<b>Action Type:</b>					Other	
<b>Date :</b>					1992-04-16 00:00:00	
<b>Action:</b>					Leak Discovery	
<b>Action Type:</b>					Other	
<b>Date :</b>					1992-04-16 00:00:00	
<b>Action:</b>					Leak Stopped	
<b>Action Type:</b>					RESPONSE	
<b>Date :</b>					1992-02-28 00:00:00	
<b>Action:</b>					Phase I Assessment Report	
<b>Action Type:</b>					RESPONSE	
<b>Date :</b>					1992-02-28 00:00:00	
<b>Action:</b>					Soil and Water Investigation Workplan	
<b>Action Type:</b>					REMEDIATION	
<b>Date :</b>					1991-11-19 00:00:00	
<b>Action:</b>						

**Cleanup Sites from GeoTracker Cleanup Sites Data Download - Status History**

<b>Status:</b>	Open - Reopen Case
<b>Status Date:</b>	2019-01-14 00:00:00
<b>Status:</b>	Open - Inactive
<b>Status Date:</b>	2019-01-14 00:00:00
<b>Status:</b>	Completed - Case Closed
<b>Status Date:</b>	2019-01-14 00:00:00
<b>Status:</b>	Open - Inactive
<b>Status Date:</b>	2014-11-03 00:00:00
<b>Status:</b>	Completed - Case Closed
<b>Status Date:</b>	2004-06-22 00:00:00
<b>Status:</b>	Open - Site Assessment
<b>Status Date:</b>	1992-03-12 00:00:00
<b>Status:</b>	Open - Remediation
<b>Status Date:</b>	1991-11-19 00:00:00
<b>Status:</b>	Open - Site Assessment
<b>Status Date:</b>	1991-08-12 00:00:00
<b>Status:</b>	Open - Case Begin Date
<b>Status Date:</b>	1990-04-30 00:00:00
<b>Status:</b>	Open - Site Assessment
<b>Status Date:</b>	1990-04-30 00:00:00

**Cleanup Sites from GeoTracker Cleanup Sites Data Download - Regulatory Contacts**

<b>Contact Type:</b>	Regional Board Caseworker	<b>Address:</b>	320 W. 4TH ST., SUITE 200
<b>Contact Name:</b>	JEFFREY HU	<b>City:</b>	LOS ANGELES
<b>Phone No:</b>			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Organization Name: LOS ANGELES RWQCB (REGION 4)  
 Email: ghu@waterboards.ca.gov

**Cleanup Program Sites from GeoTracker Search - Regulatory Profile (as of Feb 24, 2020)**

<b>Project Status:</b>		<b>WDR Place Type:</b>	
<b>CUF Claim:</b>		<b>WDR File:</b>	
<b>CUF Priority Assign:</b>		<b>WDR Order:</b>	
<b>CUF Amount Paid:</b>		<b>File Location:</b>	ALL FILES ARE ON GEOTRACKER OR IN THE LOCAL AGENCY DATABASE
<b>Facility Type:</b>		<b>Composting Method:</b>	
<b>User Defined Beneficial Use:</b>			
<b>Designated Beneficial Use:</b>	MUN, AGR, IND, PROC		
<b>Designated Beneficial Use Desc:</b>	Municipal and Domestic Supply, Agricultural Supply, Industrial Service Supply, Industrial Process Supply		
<b>Project Oversight Agencies:</b>			
<b>Report Link:</b>	<a href="https://geotracker.waterboards.ca.gov/profile_report?global_id=SL603799013">https://geotracker.waterboards.ca.gov/profile_report?global_id=SL603799013</a>		
<b>Cleanup Status Detail:</b>	COMPLETED - CASE CLOSED AS OF 1/14/2019		
<b>Cleanup History Link:</b>	<a href="https://geotracker.waterboards.ca.gov/profile_report_include?global_id=SL603799013&amp;tabname=regulatoryhistory">https://geotracker.waterboards.ca.gov/profile_report_include?global_id=SL603799013&amp;tabname=regulatoryhistory</a>		
<b>Potential COC:</b>	CHROMIUM, VOLATILE ORGANIC COMPOUNDS		
<b>Potential Media of Concern:</b>	AQUIFER USED FOR DRINKING WATER SUPPLY		
<b>GW Monitoring Freq:</b>			
<b>DWR GW Sub Basin:</b>	San Fernando Valley (4-012)		
<b>Calwater Watershed Name:</b>	Los Angeles River - San Fernando - Bull Canyon (412.21)		
<b>Post Closure Site Management:</b>			
<b>Future Land Use:</b>			
<b>Cleanup Oversight Agencies:</b>	LOS ANGELES RWQCB (REGION 4) (LEAD) - CASE #: 110.0208 CASEWORKER: JEFFREY HU		

**Site History:**

Per letter dated 2001-03-09, WIP# 110.0209 joined to WIP# 110.0208.

**Sites from GeoTracker Search - Cleanup Action Report (as of Feb 24, 2020)**

<b>Action Type:</b>	UNKNOWN	<b>Begin Date:</b>	11/19/1991
<b>Phase:</b>		<b>End Date:</b>	12/26/1991
<b>Description:</b>	THE 2-12000 GALLON TANKS STORED GASOLINE, THE OTHER 3 STORED.		
<b>Contaminant Mass Removed:</b>			

**Sites from GeoTracker Search - Regulatory Activities (as of Feb 24, 2020)**

<b>Action Type:</b>	Other Regulatory Actions
<b>Action Date:</b>	6/22/2004
<b>Received Issue Date:</b>	6/22/2004
<b>Action:</b>	Closure/No Further Action Letter
<b>Doc Link:</b>	<a href="https://geotracker.waterboards.ca.gov/view_documents?global_id=SL603799013&amp;enforcement_id=6380337&amp;temptable=ENFORCEMENT">https://geotracker.waterboards.ca.gov/view_documents?global_id=SL603799013&amp;enforcement_id=6380337&amp;temptable=ENFORCEMENT</a>

**Title Description Comments:**

No Further Requirements for CrVI Investigation

<b>Action Type:</b>	Enforcement/Orders
<b>Action Date:</b>	3/15/2004
<b>Received Issue Date:</b>	3/15/2004
<b>Action:</b>	13267 Requirement
<b>Doc Link:</b>	<a href="https://geotracker.waterboards.ca.gov/view_documents?global_id=SL603799013&amp;enforcement_id=6380340&amp;temptable=ENFORCEMENT">https://geotracker.waterboards.ca.gov/view_documents?global_id=SL603799013&amp;enforcement_id=6380340&amp;temptable=ENFORCEMENT</a>

**Title Description Comments:**

13267 Order for Subsurface Investigation

<b>Action Type:</b>	Other Regulatory Actions
<b>Action Date:</b>	6/20/2001
<b>Received Issue Date:</b>	6/20/2001

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction</b>	<b>Distance (mi/ft)</b>	<b>Elev/Diff (ft)</b>	<b>Site</b>	<b>DB</b>
<b>Action:</b>		Site Visit / Inspection / Sampling				
<b>Doc Link:</b>		<a href="https://geotracker.waterboards.ca.gov/view_documents?global_id=SL603799013&amp;enforcement_id=6380342&amp;temptable=ENFORCEMENT">https://geotracker.waterboards.ca.gov/view_documents?global_id=SL603799013&amp;enforcement_id=6380342&amp;temptable=ENFORCEMENT</a>				
<b>Title Description Comments:</b>		Inspection Report				
<b>Action Type:</b>		Enforcement/Orders				
<b>Action Date:</b>		3/9/2001				
<b>Received Issue Date:</b>		3/9/2001				
<b>Action:</b>		Notice of Violation				
<b>Doc Link:</b>		<a href="https://geotracker.waterboards.ca.gov/view_documents?global_id=SL603799013&amp;enforcement_id=6381981&amp;temptable=ENFORCEMENT">https://geotracker.waterboards.ca.gov/view_documents?global_id=SL603799013&amp;enforcement_id=6381981&amp;temptable=ENFORCEMENT</a>				
<b>Title Description Comments:</b>		Merging of WIP# 110.0209 to WIP# 110.0208				
<b>Action Type:</b>		Response Requested - Other				
<b>Action Date:</b>		1/8/2001				
<b>Received Issue Date:</b>		1/8/2001				
<b>Action:</b>		Request for Closure				
<b>Doc Link:</b>		<a href="https://geotracker.waterboards.ca.gov/view_documents_all?global_id=SL603799013&amp;doc_id=5981565">https://geotracker.waterboards.ca.gov/view_documents_all?global_id=SL603799013&amp;doc_id=5981565</a>				
<b>Title Description Comments:</b>		Re: Requirement for a Technical Report, NBC Studios				
<b>Action Type:</b>		Other Regulatory Actions				
<b>Action Date:</b>		11/9/2000				
<b>Received Issue Date:</b>		11/9/2000				
<b>Action:</b>		Staff Letter				
<b>Doc Link:</b>						
<b>Title Description Comments:</b>						
<b>Action Type:</b>		Enforcement/Orders				
<b>Action Date:</b>		11/8/2000				
<b>Received Issue Date:</b>		11/8/2000				
<b>Action:</b>		13267 Requirement				
<b>Doc Link:</b>		<a href="https://geotracker.waterboards.ca.gov/view_documents?global_id=SL603799013&amp;enforcement_id=6380343&amp;temptable=ENFORCEMENT">https://geotracker.waterboards.ca.gov/view_documents?global_id=SL603799013&amp;enforcement_id=6380343&amp;temptable=ENFORCEMENT</a>				
<b>Title Description Comments:</b>		13267 Order for CUQ				
<b>Action Type:</b>		Other Regulatory Actions				
<b>Action Date:</b>		11/21/1996				
<b>Received Issue Date:</b>		11/21/1996				
<b>Action:</b>		Closure/No Further Action Letter				
<b>Doc Link:</b>		<a href="https://geotracker.waterboards.ca.gov/view_documents?global_id=SL603799013&amp;enforcement_id=6426981&amp;temptable=ENFORCEMENT">https://geotracker.waterboards.ca.gov/view_documents?global_id=SL603799013&amp;enforcement_id=6426981&amp;temptable=ENFORCEMENT</a>				
<b>Title Description Comments:</b>		No Further Requirements (with respect to VOCs in soil)				
<b>Action Type:</b>		Leak Action				
<b>Action Date:</b>		4/24/1992				
<b>Received Issue Date:</b>						
<b>Action:</b>		Leak Reported				
<b>Doc Link:</b>						
<b>Title Description Comments:</b>						
<b>Action Type:</b>		Leak Action				
<b>Action Date:</b>		4/16/1992				
<b>Received Issue Date:</b>						
<b>Action:</b>		Leak Discovery				

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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**Doc Link:**  
**Title Description Comments:**

**Action Type:** Leak Action  
**Action Date:** 4/16/1992  
**Received Issue Date:**  
**Action:** Leak Stopped  
**Doc Link:**  
**Title Description Comments:**

**Action Type:** Leak Action  
**Action Date:** 4/16/1992  
**Received Issue Date:**  
**Action:** Leak Began  
**Doc Link:**  
**Title Description Comments:**

**Action Type:** Response Requested - Reports  
**Action Date:** 2/28/1992  
**Received Issue Date:** 2/28/1992  
**Action:** Phase I Assessment Report  
**Doc Link:**  
**Title Description Comments:**

USEPA Facility Information Request File No. 110.0208

**Action Type:** Response Requested - Workplans  
**Action Date:** 2/28/1992  
**Received Issue Date:** 2/28/1992  
**Action:** Soil and Water Investigation Workplan  
**Doc Link:**  
**Title Description Comments:**

USEPA, REGION IX Facility Information Request

**Action Type:** Response Requested - Reports  
**Action Date:** 2/28/1992  
**Received Issue Date:** 2/28/1992  
**Action:** Phase I Assessment Report  
**Doc Link:** [https://geotracker.waterboards.ca.gov/view\\_documents\\_all?global\\_id=SL603799013&doc\\_id=5996517](https://geotracker.waterboards.ca.gov/view_documents_all?global_id=SL603799013&doc_id=5996517)  
**Title Description Comments:**

USEPA Facility Information Request File No. 110.0208

**Action Type:** Cleanup Action  
**Action Date:** 11/19/1991  
**Received Issue Date:**  
**Action:**  
**Doc Link:**  
**Title Description Comments:**

THE 2-12000 GALLON TANKS STORED GASOLINE, THE OTHER 3 STORED.

**Sites from GeoTracker Search - Documents (as of Feb 24, 2020)**

**Document Type:** Site Documents  
**Document Date:** 6/22/2004  
**Submitted:**  
**Submitted By:** CAITLIN GRAY (REGULATOR)  
**Size :**  
**Title:** NO FURTHER REQUIREMENTS FOR CRVI INVESTIGATION  
**Title Link:** [https://geotracker.waterboards.ca.gov/view\\_documents?global\\_id=SL603799013&enforcement\\_id=6380337](https://geotracker.waterboards.ca.gov/view_documents?global_id=SL603799013&enforcement_id=6380337)  
**Type:** CLOSURE/NO FURTHER ACTION LETTER

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction</b>	<b>Distance (mi/ft)</b>	<b>Elev/Diff (ft)</b>	<b>Site</b>	<b>DB</b>
<b>Document Type:</b> <b>Document Date:</b> <b>Size :</b> <b>Title:</b> <b>Title Link:</b> <b>Type:</b>	Site Documents 3/15/2004				<b>Submitted:</b> <b>Submitted By:</b> CAITLIN GRAY (REGULATOR)	
			13267 ORDER FOR SUBSURFACE INVESTIGATION https://geotracker.waterboards.ca.gov/view_documents?global_id=SL603799013&enforcement_id=6380340 13267 REQUIREMENT			
<b>Document Type:</b> <b>Document Date:</b> <b>Size :</b> <b>Title:</b> <b>Title Link:</b> <b>Type:</b>	Site Documents 6/20/2001				<b>Submitted:</b> <b>Submitted By:</b> CAITLIN GRAY (REGULATOR)	
			INSPECTION REPORT https://geotracker.waterboards.ca.gov/view_documents?global_id=SL603799013&enforcement_id=6380342 SITE VISIT / INSPECTION / SAMPLING			
<b>Document Type:</b> <b>Document Date:</b> <b>Size :</b> <b>Title:</b> <b>Title Link:</b> <b>Type:</b>	Site Documents 3/9/2001				<b>Submitted:</b> <b>Submitted By:</b> CAITLIN GRAY (REGULATOR)	
			MERGING OF WIP# 110.0209 TO WIP# 110.0208 https://geotracker.waterboards.ca.gov/view_documents?global_id=SL603799013&enforcement_id=6381981 NOTICE OF VIOLATION			
<b>Document Type:</b> <b>Document Date:</b> <b>Size :</b> <b>Title:</b> <b>Title Link:</b> <b>Type:</b>	Site Documents 1/8/2001				<b>Submitted:</b> <b>Submitted By:</b> CAITLIN GRAY (REGULATOR)	
			RE: REQUIREMENT FOR A TECHNICAL REPORT, NBC STUDIOS https://geotracker.waterboards.ca.gov/view_documents?global_id=SL603799013&document_id=5981565 REQUEST FOR CLOSURE			
<b>Document Type:</b> <b>Document Date:</b> <b>Size :</b> <b>Title:</b> <b>Title Link:</b> <b>Type:</b>	Site Documents 11/8/2000				<b>Submitted:</b> <b>Submitted By:</b> CAITLIN GRAY (REGULATOR)	
			13267 ORDER FOR CUQ https://geotracker.waterboards.ca.gov/view_documents?global_id=SL603799013&enforcement_id=6380343 13267 REQUIREMENT			
<b>Document Type:</b> <b>Document Date:</b> <b>Size :</b> <b>Title:</b> <b>Title Link:</b> <b>Type:</b>	Site Documents 11/21/1996				<b>Submitted:</b> <b>Submitted By:</b> CHRISTINA HUMPHREYS (REGULATOR)	
			NO FURTHER REQUIREMENTS (WITH RESPECT TO VOCs IN SOIL) https://geotracker.waterboards.ca.gov/view_documents?global_id=SL603799013&enforcement_id=6426981 CLOSURE/NO FURTHER ACTION LETTER			
<b>Document Type:</b> <b>Document Date:</b> <b>Size :</b> <b>Title:</b> <b>Title Link:</b> <b>Type:</b>	Site Documents 2/28/1992				<b>Submitted:</b> <b>Submitted By:</b> CAITLIN GRAY (REGULATOR)	
			USEPA FACILITY INFORMATION REQUEST FILE NO. 110.0208 https://geotracker.waterboards.ca.gov/view_documents?global_id=SL603799013&document_id=5996517 PHASE I ASSESSMENT REPORT			

**Sites from GeoTracker Search - Cleanup Status History (as of Feb 24, 2020)**

<b>Status:</b> <b>Date :</b>	Open - Reopen Case 1/14/2019
<b>Status:</b> <b>Date :</b>	Open - Inactive 1/14/2019
<b>Status:</b> <b>Date :</b>	Completed - Case Closed 1/14/2019
<b>Status:</b> <b>Date :</b>	Open - Inactive 11/3/2014
<b>Status:</b> <b>Date :</b>	Completed - Case Closed 6/22/2004
<b>Status:</b> <b>Date :</b>	Open - Site Assessment 3/12/1992

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Status:		Open - Remediation				
Date :		11/19/1991				
Status:		Open - Site Assessment				
Date :		8/12/1991				
Status:		Open - Case Begin Date				
Date :		4/30/1990				
Status:		Open - Site Assessment				
Date :		4/30/1990				

[49](#)      2 of 2      SSW      0.39 / 2,045.21      528.89 / -4      CATALINA MEDIA DEVELOPMENT II, LLC  
3000 W. ALAMEDA AVE #130  
BURBANK CA 91505      RCRA TSD

EPA Handler ID: CAC003013383  
Gen Status Universe: No Report  
Contact Name: TOM HOPKINS  
Contact Address: 3000 W. ALAMEDA AVE #130 , , BURBANK , CA, 91505 ,  
Contact Phone No and Ext: 310-977-8499  
Contact Email: TOMH@WORTHE.COM  
Contact Country:  
Land Type:  
County Name: LOS ANGELES  
EPA Region: 09  
Receive Date: 20190503

Violation/Evaluation Summary

Note: NO RECORDS: As of May 2020, 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: 20190503  
Handler Name: CATALINA MEDIA DEVELOPMENT II, LLC  
Federal Waste Generator Code: N  
Generator Code Description: Not a Generator, Verified  
Source Type: Implementer

Owner/Operator Details

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
<b>Owner/Operator Ind:</b>	Current Operator				<b>Street No:</b>	
<b>Type:</b>	Other				<b>Street 1:</b>	3000 W. ALAMEDA AVE #130
<b>Name:</b>	TOM HOPKINS				<b>Street 2:</b>	
<b>Date Became Current:</b>					<b>City:</b>	BURBANK
<b>Date Ended Current:</b>					<b>State:</b>	CA
<b>Phone:</b>	310-977-8499				<b>Country:</b>	
<b>Source Type:</b>	Implementer				<b>Zip Code:</b>	91505
<b>Owner/Operator Ind:</b>	Current Owner				<b>Street No:</b>	
<b>Type:</b>	Other				<b>Street 1:</b>	3000 W. ALAMEDA AVE #130
<b>Name:</b>	CATALINA MEDIA DEVELOPMENT II, LLC				<b>Street 2:</b>	
<b>Date Became Current:</b>					<b>City:</b>	BURBANK
<b>Date Ended Current:</b>					<b>State:</b>	CA
<b>Phone:</b>	310-977-8499				<b>Country:</b>	
<b>Source Type:</b>	Implementer				<b>Zip Code:</b>	91505

[50](#) 1 of 1 SW 0.40 / 2,116.38 532.47 / 0 BWP NBC Substation 130 S CALIFORNIA ST BURBANK CA 91505 DELISTED HAZ

Siteid: 100795  
Latitude: 34.154515  
Longitude: -118.335756  
Original Source: CHAZ  
Record Date: 04-JAN-2018

[51](#) 1 of 1 E 0.43 / 2,247.41 511.41 / -21 SAN FERNANDO VALLEY (AREA 1) NORTH HOLLYWOOD WELLFIELD AREA NORTH HOLLYWOOD CA 91601 NPL

EPA ID: CAD980894893 Latitude: 34.19  
SITE ID: 0902251 Longitude: -118.3514  
SEMS ID: 902251

**NPL (SEMS FOIA 004)**

Final Date: 06/10/86 County: LOS ANGELES  
Federal Facility: No Latitude: +34.190000  
SAA (Superfund Alt.): Longitude: -118.351400

**NPL Status Information (EPA's Where You Live Map)**

SITS ID: 933  
Status: NPL Site  
Construction Completion No: 0  
Construction Completion:  
Proposed Date: 10/15/1984  
Listing Date: 06/10/1986  
NOID Date:  
Deletion Date:  
Notice of Data Availability:  
Site Listing Narrative: <a href="https://semspub.epa.gov/src/document/09/2400240" target="\_blank">CAD980894893 (PDF)</a>  
Site Progress Profile: <a href="https://cumulis.epa.gov/supercpad/cursites/csitinfo.cfm?id=0902251" target="\_blank">San Fernando Valley (Area 1)</a>  
Proposed Fr Notice: <a href="https://semspub.epa.gov/src/document/11/189641" target="\_blank">10/15/1984 (PDF)</a>  
Listing Fr Notice: <a href="https://semspub.epa.gov/src/document/11/189628" target="\_blank">06/10/1986 (PDF)</a>  
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
<a href="#">52</a>	1 of 1	SSW	0.52 / 2,751.48	535.84 / 3	MAGNA PLATING CO., INC. 3063 N. CALIFORNIA STREET BURBANK CA 91504	ENVIROSTOR

**Estor/EPA ID:** 71002197  
**Site Code:**  
**Nat Priority List:** NO  
**APN:** NONE SPECIFIED  
**Census Tract:** 6037311600  
**Site Type:** TIERED PERMIT  
**Address Description:** 3063 N. CALIFORNIA 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 Contaminant of Concern:**

**Assembly District:** 43  
**Senate District:** 25  
**Permit Renewal Lead:**  
**Public Partici Spclst:**  
**Project Manager:**  
**County:** LOS ANGELES  
**Latitude:** 34.15146  
**Longitude:** -118.3343497  
**Acres:** NONE SPECIFIED  
**Supervisor:**

NONE SPECIFIED

**Site History:**

**Status:** REFER: OTHER AGENCY  
**A2 Program Type:** TIERED PERMIT  
**CalEnviroScreen Score:** 61-65%  
**Summary Link:** [http://www.envirostor.dtsc.ca.gov/public/profile\\_report?global\\_id=71002197](http://www.envirostor.dtsc.ca.gov/public/profile_report?global_id=71002197)

# Unplottable Summary

Total: 2 Unplottable sites

DB	Company Name/Site Name	Address	City	Zip	ERIS ID
CHMIRS	NRC	South of Willow Street <i>Control No   Notified Date: 09-3233  </i>	Los Angeles CA		821817368
ERNS		SOUTH OF WILLOW ST	LOS ANGELES CA		806634548

# Unplottable Report

**Site:** NRC  
South of Willow Street Los Angeles CA

CHMIRS

**Control No:** 09-3233  
**Notified Date Time:**  
**County:** Los Angeles County  
**URL:** <https://w3.calema.ca.gov/operational/mal haz.nsf/f1841a103c102734882563e200760c4a/630458e57e6fd92a882575a30010f8f5?OpenDocument>  
**Notified Date:**  
**Year:** 2009

## California Hazardous Material Incident Report System (as of 2006 to 2015)

<b>Contained:</b>	Unknown	<b>3 Ves &gt;= 300 Tons:</b>	
<b>1 Substance:</b>	Unknown Sheen	<b>Incident Date:</b>	4/24/2009
<b>1 Measure:</b>	Unknown	<b>Incident Time:</b>	1945
<b>1 Other:</b>		<b>Spill Site:</b>	Waterways
<b>1 Quantity:</b>	Unknown	<b>Injuries?:</b>	
<b>1 Type:</b>	UNSPECIFIED	<b>No of Injuries:</b>	0
<b>1 Pipeline:</b>		<b>Fatals?:</b>	
<b>1 Vessel &gt;= 300 Tons:</b>		<b>No of Fatals:</b>	0
<b>2 Substance:</b>		<b>Evacs?:</b>	
<b>2 Quantity:</b>		<b>No of Evacs:</b>	0
<b>2 Measure:</b>		<b>Cleanup:</b>	Unknown
<b>2 Type:</b>		<b>Site:</b>	Los Angeles River
<b>2 Other:</b>		<b>Cause:</b>	Unknown
<b>2 Pipeline:</b>		<b>Cause Other:</b>	
<b>2 Vessel &gt;= 300 Tons:</b>		<b>Dog No:</b>	
<b>3 Substance:</b>		<b>Water:</b>	Yes
<b>3 Quantity:</b>		<b>Water Way:</b>	Los Angeles River
<b>3 Measure:</b>		<b>City:</b>	Los Angeles
<b>3 Type:</b>		<b>County:</b>	Los Angeles County
<b>3 Other:</b>		<b>Zip:</b>	
<b>3 Pipeline:</b>			
<b>Admin Agency:</b>	Los Angeles City Fire Department		
<b>Notification Area:</b>	AA/CUPA,DFG-OSPR,DTSC,RWQCB,US EPA,USFWS,COASTAL COM,LANDS,PARKS & REC,USCG,Co/WP		
<b>Location:</b>	South of Willow Street		
<b>Description:</b>	Per the NRC Report: Caller is reporting an unknown chemical on the east Los Angeles River. Caller states that there are white sudsy bubbles on the surface of the water (approximately 1-1.5 inches thick) along the east shoreline. Caller states that many birds use the waterway.		

## Spill Report View

<b>Amount 1:</b>		<b>Creation Date:</b>	04/24/2009 08:05 PM
<b>Amount 2:</b>		<b>Received By:</b>	
<b>Amount 3:</b>		<b>Admin Agency:</b>	
<b>Type:</b>	UNSPECIFIED	<b>Admin Agency 2:</b>	
<b>Water:</b>		<b>Additional County:</b>	
<b>On Scene:</b>		<b>Phone No:</b>	
<b>Other on Scene:</b>		<b>Ext:</b>	
<b>Other Notified:</b>		<b>Pag Cell:</b>	
<b>Document Title:</b>	SPILL Report		
<b>Spill Site:</b>	Waterways		
<b>Cause Desc for Other:</b>			
<b>Person Notifying Cal OES:</b>			

## Hazardous Materials Spill Report

<b>Control Cal OES:</b>	09-3233	<b>Type 3:</b>	
<b>Control NRC:</b>	903724	<b>Other 3:</b>	
<b>Date :</b>	04/24/2009	<b>Pipeline 3:</b>	No

<b>Incident Date:</b>	04/24/2009	<b>Ves &gt;= 300 Tons 3:</b>	No
<b>Time:</b>	2005	<b>Name:</b>	
<b>Incident Time:</b>	1945	<b>Phone:</b>	
<b>Water Involved:</b>	Yes	<b>Ext:</b>	
<b>Drink Wtr Impact:</b>	No	<b>Pag Cell:</b>	
<b>Qty 1:</b>	=	<b>PRS Name:</b>	
<b>Measure 1:</b>	Unknown	<b>PRS Phone:</b>	
<b>Type 1:</b>	UNSPECIFIED	<b>PRS Ext:</b>	
<b>Pipeline 1:</b>	No	<b>PRS Pag Cell:</b>	
<b>Ves &gt;= 300 Tons 1:</b>	No	<b>Received By:</b>	SOUTH COAST AQMD
<b>Qty 2:</b>	=	<b>Header Unknown:</b>	
<b>Amount 2:</b>		<b>Incident Desc:</b>	
<b>Measure 2:</b>		<b>R R Crssing &lt; 50 Ft:</b>	
<b>Type 2:</b>		<b>Upr Rim :</b>	
<b>Other 2:</b>		<b>Notification Info:</b>	
<b>Pipeline 2:</b>	No	<b>Notification List:</b>	
<b>Vessel &gt;= 300 Tns 2:</b>	No	<b>DOG Unit:</b>	
<b>Qty 3:</b>	=	<b>RWQCB Unit:</b>	4
<b>Amount 3:</b>		<b>Injuries:</b>	No
<b>Measure 3:</b>		<b>Fatality:</b>	No
<b>Incident Location:</b>	South of Willow Street		
<b>Reported Cause:</b>	Unknown		
<b>Amount 1:</b>	Unknown		
<b>Substance 1:</b>	Unknown Sheen		
<b>Substance 2:</b>			
<b>Substance 3:</b>			
<b>Waterway:</b>	Los Angeles River		
<b>Contained:</b>	Unknown		
<b>Known Impact:</b>			
<b>Other 1:</b>			
<b>Detail for Other:</b>			
<b>Site:</b>	Waterways		
<b>On Scene:</b>			
<b>Other on Scene:</b>			
<b>Other Notified:</b>			
<b>Evacuation:</b>	No		
<b>Cleanup By:</b>	Unknown		
<b>Agency:</b>	NRC		
<b>PRS Agency:</b>			
<b>Admin Agency:</b>	Los Angeles City Fire Department		
<b>Sec Agency:</b>	LACoFD Health Haz-Mat		
<b>Additional County:</b>			
<b>Admin Agency 2:</b>			
<b>Description:</b>	Per the NRC Report: Caller is reporting an unknown chemical on the east Los Angeles River. Caller states that there are white sudsy bubbles on the surface of the water (approximately 1-1.5 inches thick) along the east shoreline. Caller states that many birds use the waterway.		

**Site:** SOUTH OF WILLOW ST LOS ANGELES CA ERNS

<b>NRC Report No:</b>	903724	<b>Latitude Degrees:</b>	
<b>Type of Incident:</b>	UNKNOWN SHEEN	<b>Latitude Minutes:</b>	
<b>Incident Cause:</b>	UNKNOWN	<b>Latitude Seconds:</b>	
<b>Incident Date:</b>	4/24/2009 7:45:00 PM	<b>Longitude Degrees:</b>	
<b>Incident Location:</b>	UNKNOWN SHEEN INCIDENT	<b>Longitude Minutes:</b>	
<b>Incident Dtg:</b>	DISCOVERED	<b>Longitude Seconds:</b>	
<b>Distance from City:</b>		<b>Lat Quad:</b>	
<b>Distance Units:</b>		<b>Long Quad:</b>	
<b>Direction from City:</b>		<b>Location Section:</b>	
<b>Location County:</b>	LOS ANGELES	<b>Location Township:</b>	
<b>Potential Flag:</b>	No	<b>Location Range:</b>	
<b>Year:</b>	Year 2009 Reports		
<b>Description of Incident:</b>	CALLER IS REPORTING AN UNKNOWN CHEMICAL ON THE EAST LOS ANGLS RIVER. CALLER STATES THAT THERE ARE WHITE SUDSY BUBBLES ON THE SURFACE OF THE WATER (APPROXIMATELY 1-1.5 INCHES THICK) ALONG THE EAST SHORELINE. CALLER STATES THAT MANY BIRDS USE THE WATERWAY.		

**Material Spill Information**

**Chris Code:** UNK  
**CAS No:** 000000-00-0  
**UN No:**  
**Name of Material:** UNKNOWN MATERIAL  
**Amount of Material:** 0

**Unit of Measure:** UNKNOWN AMOUNT  
**If Reached Water:** YES  
**Amount in Water:** 0  
**Unit Reach Water:** UNKNOWN AMOUNT

**Calls Information**

**Date Time Received:** 4/24/2009 10:48:32 PM  
**Date Time Complete:** 4/24/2009 11:02:30 PM  
**Call Type:** INC  
**Resp Company:**  
**Resp Org Type:** UNKNOWN

**Responsible City:**  
**Responsible State:** XX  
**Responsible Zip:**  
**Source:** TELEPHONE

**Incident Information**

**Tank ID:**  
**Tank Regulated:** U  
**Tank Regulated By:**  
**Capacity of Tank:**  
**Capacity Tank Units:**  
**Description of Tank:**  
**Actual Amount:**  
**Actual Amount Units:**  
**Tank Above Ground:** ABOVE  
**NPDES:**  
**NPDES Compliance:** U  
**Init Contin Rel No:**  
**Contin Rel Permit:**  
**Contin Release Type:**  
**Aircraft ID:**  
**Aircraft Runway No:**  
**Aircraft Spot No:**  
**Aircraft Type:**  
**Aircraft Model:**  
**Aircraft Fuel Cap:**  
**Aircraft Fuel Cap U:**  
**Aircraft Fuel on Brd:**  
**Aircraft Fuel OB U:**  
**Aircraft Hanger:**  
**Road Mile Marker:**  
**Power Gen Facility:** U  
**Generating Capacity:**  
**Type of Fixed Obj:**  
**Type of Fuel:**  
**DOT Crossing No:**  
**DOT Regulated:** U  
**Pipeline Type:**  
**Pipeline Abv Ground:** ABOVE  
**Pipeline Covered:** U  
**Exposed Underwater:** N  
**Railroad Hotline:**  
**Railroad Milepost:**  
**Grade Crossing:** U  
**Crossing Device Ty:**  
**Ty Vehicle Involved:**  
**Device Operational:** U

**Building ID:**  
**Location Area ID:**  
**Location Block ID:**  
**OCSG No:**  
**OCSF No:**  
**State Lease No:**  
**Pier Dock No:**  
**Berth Slip No:**  
**Brake Failure:** U  
**Airbag Deployed:** U  
**Transport Contain:** U  
**Location Subdiv:**  
**Platform Rig Name:**  
**Platform Letter:**  
**Allision:** N  
**Type of Structure:**  
**Structure Name:**  
**Structure Oper:** U  
**Transit Bus Flag:**  
**Date Time Norm Serv:**  
**Serv Disrupt Time:**  
**Serv Disrupt Units:**  
**CR Begin Date:**  
**CR End Date:**  
**CR Change Date:**  
**FBI Contact:**  
**FBI Contact Dt Tm:**  
**Passenger Handling:**  
**Passenger Route:** XXX  
**Passenger Delay:** XXX  
**Sub Part C Test Req:** XXX  
**Conductor Test:**  
**Engineer Test:**  
**Trainman Test:**  
**Yard Foreman Test:**  
**RCL Operator Test:**  
**Brakeman Test:**  
**Train Dispat Test:**  
**Signalman Test:**  
**Oth Employee Test:**  
**Unknown Test:**

**Incident Details Information**

**Release Secured:** U  
**Release Rate:**  
**Release Rate Unit:**  
**Release Rate Rate:**  
**Est Duration of Rel:**  
**Desc Remedial Act:** NONE  
**Fire Involved:** N  
**Fire Extinguished:** U

**State Agen Report No:**  
**State Agen on Scene:** NONE  
**State Agen Notified:** NONE  
**Fed Agency Notified:** NONE  
**Oth Agency Notified:**  
**Body of Water:** LOS ANGELES RIVER  
**Tributary of:**  
**Near River Mile Make:**

<b>Any Evacuations:</b>	N	<b>Near River Mile Mark:</b>	
<b>No Evacuated:</b>		<b>Offshore:</b>	N
<b>Who Evacuated:</b>		<b>Weather Conditions:</b>	OVERCAST
<b>Radius of Evacu:</b>		<b>Air Temperature:</b>	
<b>Any Injuries:</b>	N	<b>Wind Direction:</b>	
<b>No. Injured:</b>		<b>Wind Speed:</b>	20
<b>No. Hospitalized:</b>		<b>Wind Speed Unit:</b>	MPH
<b>No. Fatalities:</b>		<b>Water Supp Contam:</b>	N
<b>Any Fatalities:</b>	N	<b>Water Temperature:</b>	
<b>Any Damages:</b>	N	<b>Wave Condition:</b>	
<b>Damage Amount:</b>		<b>Current Speed:</b>	
<b>Air Corridor Closed:</b>	N	<b>Current Direction:</b>	
<b>Air Corridor Desc:</b>		<b>Current Speed Unit:</b>	
<b>Air Closure Time:</b>		<b>EMPL Fatality:</b>	
<b>Waterway Closed:</b>	N	<b>Pass Fatality:</b>	
<b>Waterway Desc:</b>		<b>Community Impact:</b>	
<b>Waterway Close Time:</b>		<b>Passengers Transfer:</b>	NO
<b>Road Closed:</b>	N	<b>Passenger Injuries:</b>	
<b>Road Desc:</b>		<b>Employee Injuries:</b>	
<b>Road Closure Time:</b>		<b>Occupant Fatality:</b>	
<b>Road Closure Units:</b>		<b>Sheen Size:</b>	
<b>Closure Direction:</b>		<b>Sheen Size Units:</b>	
<b>Major Artery:</b>	No	<b>Sheen Size Length:</b>	
<b>Track Closed:</b>	N	<b>Sheen Size Length U:</b>	
<b>Track Desc:</b>		<b>Sheen Size Width:</b>	
<b>Track Closure Time:</b>		<b>Sheen Size Width U:</b>	
<b>Track Closure Units:</b>		<b>Sheen Color:</b>	WHITISH
<b>Track Close Dir:</b>		<b>Dir of Sheen Travel:</b>	
<b>Media Interest:</b>	NONE	<b>Sheen Odor Desc:</b>	
<b>Medium Desc:</b>	WATER	<b>Duration Unit:</b>	
<b>Addl Medium Info:</b>	LOS ANGELES RIVER	<b>Additional Info:</b>	NO ADDITIONAL INFORMATION.

## 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, 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

##### 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:** Mar 26, 2020

##### 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:** Sep 22, 2020

##### 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:** Sep 22, 2020

##### 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:** Sep 22, 2020

##### 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:** Aug 26, 2020

##### 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

**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: Aug 26, 2020**

**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: Jul 27, 2020**

**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: Jul 27, 2020**

**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: Jul 27, 2020**

**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: Jul 27, 2020**

**RCRA Conditionally Exempt and Very Small Quantity Generators List:**

[RCRA CESQG](#)

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). Conditionally Exempt and Very Small Quantity Generators (VSQG and CESQG) generate 100 kilograms or less per month of hazardous waste, or one kilogram or less per month of acutely hazardous waste. Additionally, VSQG and CESQG may not accumulate more than 1,000 kilograms of hazardous waste at any time.

**Government Publication Date: Jul 27, 2020**

**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: Jul 27, 2020**

**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: Aug 26, 2020**

**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: Aug 26, 2020**

**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 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. This database is made available by the United States Environmental Protection Agency (EPA).

**Government Publication Date: May 19, 2020**

**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:** Sep 3, 2019

**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

**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:** Aug 26, 2020

**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:** Sep 22, 2020

**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:** Oct 5, 2020

**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:** Oct 5, 2020

**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:** Oct 5, 2020

**Solid Waste Information System (SWIS):**

[SWF/LF](#)

The Solid Waste Information System (SWIS) database made available by the Department of Resources Recycling and Recovery (CalRecycle) contains information on solid waste facilities, operations, and disposal sites throughout the State of California. The types of facilities found in this database include landfills, transfer stations, material recovery facilities, composting sites, transformation facilities, waste tire sites, and closed disposal sites.

**Government Publication Date: Oct 15, 2020**

**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: Oct 5, 2020**

**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**

**Land Disposal Sites:**

LDS

Land Disposal Sites in GeoTracker, the State Water Resources Control Board (SWRCB)'s data management system. The Land Disposal program regulates of waste discharge to land for treatment, storage and disposal in waste management units. Waste management units include waste piles, surface impoundments, and landfills.

**Government Publication Date: Jul 15, 2020**

**Leaking Underground Fuel Tank Reports:**

LUST

List of Leaking Underground Storage Tanks within the Cleanup Sites data in GeoTracker database. GeoTracker is the State Water Resources Control Board's (SWRCB) data management system for managing sites that impact groundwater, especially those that require groundwater cleanup (Underground Storage Tanks, Department of Defense and Site Cleanup Program) as well as permitted facilities such as operating Underground Storage Tanks. The Leak Prevention Program that overlooks LUST sites is the SWRCB in California's Environmental Protection Agency.

**Government Publication Date: Jul 15, 2020**

**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: Jul 15, 2020**

**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**

**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: Jul 12, 2020**

**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: Jul 7, 2020**

**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**

**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**

**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: Oct 7, 2020**

**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: Oct 14, 2020**

**California Environmental Reporting System (CERS) Tanks:**

[CERS TANK](#)

List of sites in the California Environmental Protection Agency (CalEPA) Regulated Site Portal which fall under the Aboveground Petroleum Storage and Underground Storage Tank regulatory programs. The CalEPA oversees the statewide implementation of the Unified Program which applies regulatory standards to protect Californians from hazardous waste and materials.

**Government Publication Date: Oct 26, 2020**

**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: Oct 5, 2020**

**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: Oct 16, 2020**

**Deed Restrictions and Land Use Restrictions:**

[DEED](#)

List of Deed Restrictions, Land Use Restrictions and Covenants in GeoTracker made available by the State Water Resources Control Board (SWRCB) in California's Environmental Protection Agency. A deed restriction (land use covenant) may be required to facilitate the remediation of past environmental contamination and to protect human health and the environment by reducing the risk of exposure to residual hazardous materials.

**Government Publication Date: Jul 15, 2020**

**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: Oct 5, 2020**

**GeoTracker Cleanup Program Sites:**

[CLEANUP SITES](#)

A list of Cleanup Program sites in the state of California made available by The State Water Resources Control Board (SWRCB) of the California Environmental Protection Agency (EPA). SWRCB tracks leaking underground storage tank cleanups as well as other water board cleanups.

**Government Publication Date: Jul 15, 2020**

**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: Nov 5, 2020**

**Delisted California Environmental Reporting System (CERS) Tanks:**

[DELISTED CTNK](#)

This database contains a list of Aboveground Petroleum Storage and Underground Storage Tank sites that were removed from in the California Environmental Protection Agency (CalEPA) Regulated Site Portal.

**Government Publication Date: Oct 26, 2020**

**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 the 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**

**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:**

[LA SML](#)

A Site Mitigation List in the County of Los Angeles. The list is made available by Los Angeles County Fire Department. Site mitigation is handled by the Site Mitigation Unit (SMU) which facilitates completion of site clean-up projects of contaminated sites in an expeditious manner in all cities of the Los Angeles County except El Segundo, Glendale, Long Beach, Santa Fe Springs, and Vernon.

**Government Publication Date: Jul 20, 2020**

**Los Angeles County - Solid Waste Sites:**

[LA SWF](#)

List of permitted solid waste facilities, closed landfills, historical dumpsites and other solid waste sites in Los Angeles County, made available by the Department of Public Works in Los Angeles County.

**Government Publication Date: Sep 2, 2020**

**Los Angeles County - CUPA Program Records:**

[LA COUNTY CUPA](#)

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:**

[LA HMS](#)

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: Jun 25, 2020*

**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:**

[BURBANK CUPA](#)

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: Mar 20, 2020*

**Los Angeles County - Santa Monica City Aboveground Storage Tank List:**

[SANTAMON AST](#)

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: Jul 19, 2019*

**Los Angeles County - Santa Monica City CUPA Facilities List:**

[SANTAMON CUPA](#)

The Santa Monica Fire Department's office maintains a list of CUPA Facilities located in Santa Monica city.

*Government Publication Date: Jul 19, 2019*

**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: Aug 12, 2020*

**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: May 12, 2020*

**Los Angeles County - Vernon City CUPA List:**

[VERNON CUPA](#)

The Vernon City Fire Department's office maintains a list of CUPA Facilities located in Vernon city.

*Government Publication Date: May 12, 2020*

**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: Jun 1, 2019*

**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:**

[LA CITY HAZMAT](#)

A list of active and inactive hazardous materials facilities made available by the Los Angeles Fire Department CUPA.

## **Additional Environmental Record Sources**

### **Federal**

#### **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: Jul 7, 2020**

#### **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: Jun 15, 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: Feb 19, 2020**

#### **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: Feb 19, 2020**

#### **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**

#### **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: Jan 8, 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).

**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: Jul 29, 2020

**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: Nov 18, 2016

**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: Jan 20, 2020

**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: Jan 20, 2020

**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: Jan 28, 2020

**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: Aug 5, 2020**

**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: May 1, 2020**

**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: Sep 24, 2020**

**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: Mar 31, 2020**

**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: Oct 9, 2019**

**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: Nov 10, 2020**

**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: Nov 10, 2020**

**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: Jul 15, 2020**

**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: Aug 19, 2020**

**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: Oct 7, 2020**

**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: Oct 5, 2020**

**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: Oct 12, 2020**

**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 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**

**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.

**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: Feb 16, 2012

**California Environmental Reporting System (CERS) Hazardous Waste Sites:**

[CERS HAZ](#)

List of sites in the California Environmental Protection Agency (CalEPA) Regulated Site Portal which fall under the following regulatory programs: Hazardous Chemical Management, Hazardous Waste Onsite Treatment, Household Hazardous Waste Collection, Hazardous Waste Generator, RCRA LQ HW Generator. The CalEPA oversees the statewide implementation of the Unified Program which applies regulatory standards to protect Californians from hazardous waste and materials.

Government Publication Date: Oct 26, 2020

**Delisted Environmental Reporting System (CERS) Hazardous Waste Sites:**

[DELISTED HAZ](#)

This database contains a list of sites that were removed from the California Environmental Protection Agency (CalEPA) in the following regulatory programs: Hazardous Chemical Management, Hazardous Waste Onsite Treatment, Household Hazardous Waste Collection, Hazardous Waste Generator, RCRA LQ HW Generator.

Government Publication Date: Nov 29, 2018

**Sites in GeoTracker:**

[GEOTRACKER](#)

GeoTracker is the State Water Resource Control Boards' data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater. This is a list of sites in GeoTracker that aren't otherwise categorized as LUST, Land Disposal Sites (LDS), Cleanup Sites, or sites having Waste Discharge Requirements (WDR). This listing includes program types such as Underground Injection Control (UIC), Confined Animal Facilities (CAF), Irrigated Lands Regulatory Program, plans, and non-case information.

Government Publication Date: Jul 15, 2020

**Waste Discharge Requirements:**

[WASTE DISCHG](#)

List of sites in California State Water Resources Control Board (SWRCB) Waste Discharge Requirements (WDRs) Program in California, made available by the SWRCB via GeoTracker. The WDR program regulates point discharges that are exempt pursuant to Subsection 20090 of Title 27 and not subject to the Federal Water Pollution Control Act. The scope of the WDRs Program also includes the discharge of wastes classified as inert, pursuant to section 20230 of Title 27.

Government Publication Date: Jul 15, 2020

**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, 2018

**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: Jun 30, 2018

**Tribal**

**No Tribal additional environmental record sources available for this State.**

## **County**

### **Los Angeles County - Santa Monica City Hazardous Materials Facilities:**

[SANTAMON HAZ](#)

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:**

[SANTAMON HW](#)

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: Jul 19, 2019**

# 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.



# Appendix D. Historical Aerial Photographs



# HISTORICAL AERIALS

**Project Property:** BWP Naomi Substation  
BWP Naomi Substation  
Burbank CA

**Requested By:** HDR, Inc.

**Order No:** 20311300154

**Data Completed:** November 17,2020

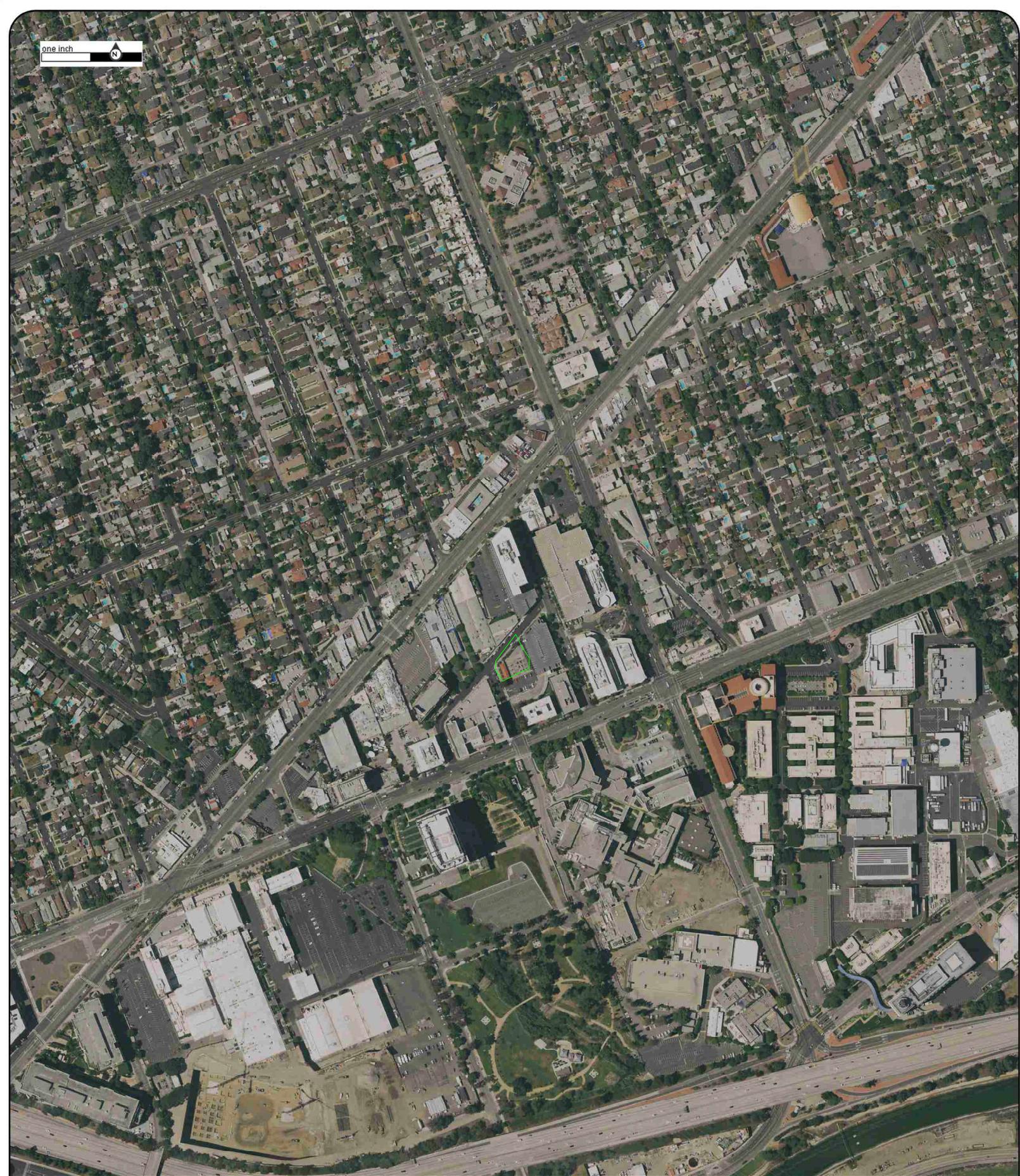
<b>Date</b>	<b>Source</b>	<b>Source Scale</b>	<b>Comments</b>
2020	National Agriculture Information Program	1" to 500'	
2018	National Agriculture Information Program	1" to 500'	
2016	National Agriculture Information Program	1" to 500'	
2014	National Agriculture Information Program	1" to 500'	
2012	National Agriculture Information Program	1" to 500'	
2010	National Agriculture Information Program	1" to 500'	
2005	National Agriculture Information Program	1" to 500'	
1994	US Geological Survey	1" to 500'	
1989	US Geological Survey	1" to 500'	
1985	National High Altitude Photography	1" to 500'	
1980	US Geological Survey	1" to 500'	
1972	US Geological Survey	1" to 500'	
1964	US Geological Survey	1" to 500'	
1960	Private Company	1" to 500'	
1958	Private Company	1" to 500'	
1952	US Geological Survey	1" to 500'	
1947	Private Company	1" to 500'	
1944	Agriculture and Soil Conservation Service	1" to 500'	
1938	Agriculture and Soil Conservation Service	1" to 500'	
1928	Private Company	1" to 500'	

## **Environmental Risk Information Services**

A division of Glacier Media Inc.

1.866.517.5204 | [info@erisinfo.com](mailto:info@erisinfo.com) | [erisinfo.com](http://erisinfo.com)

one inch



Year:2020  
Source:NAIP  
Scale:1" to 500'  
Comment:

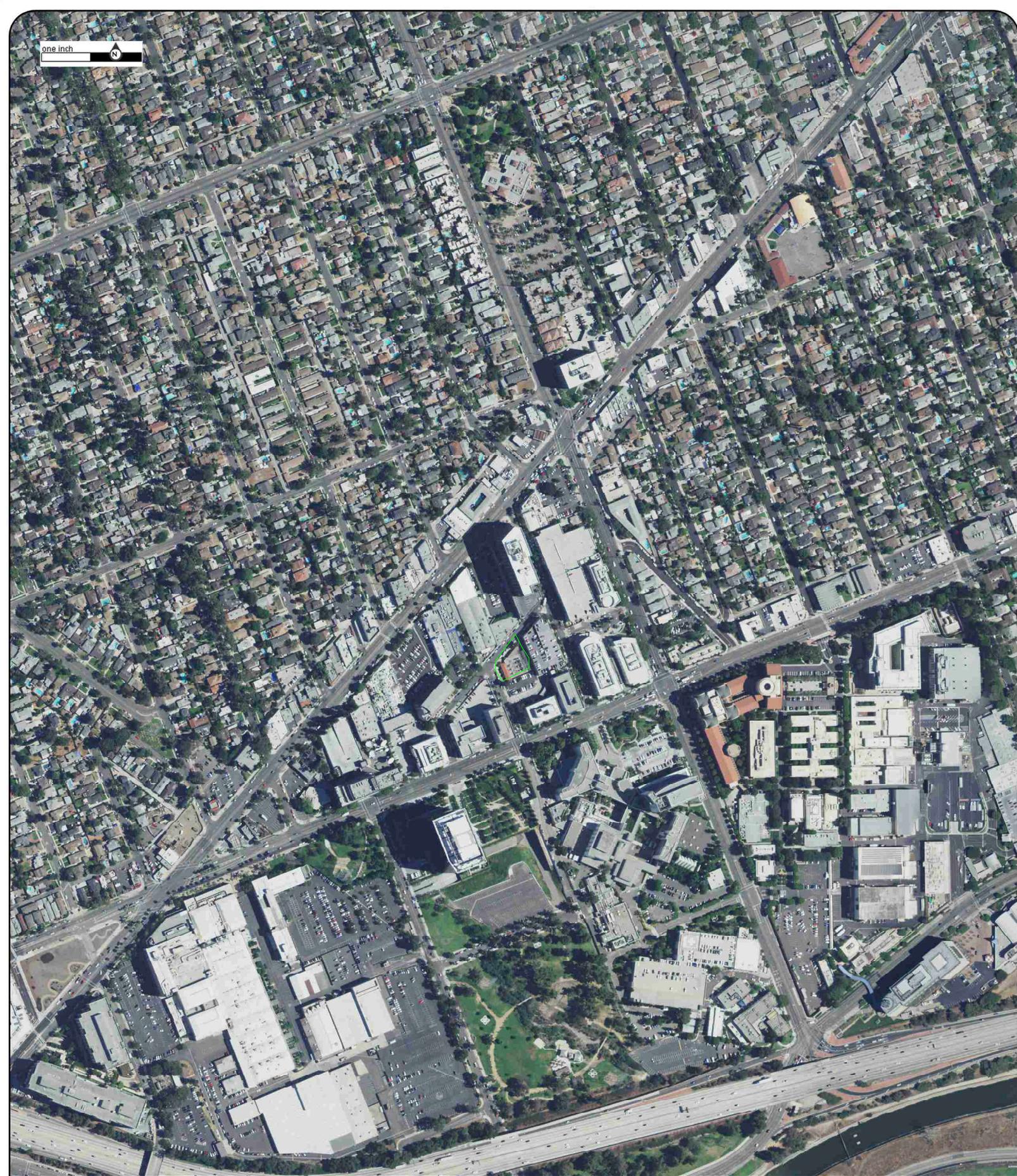
Address:BWP Naomi Substation, Burbank, CA  
Approx Center:34.15850813/-118.33024873

Order No:20311300154

**ERIS**  
ENVIRONMENTAL RISK INFORMATION SERVICES



one inch



Year:2018  
Source:NAIP  
Scale:1" to 500'  
Comment:

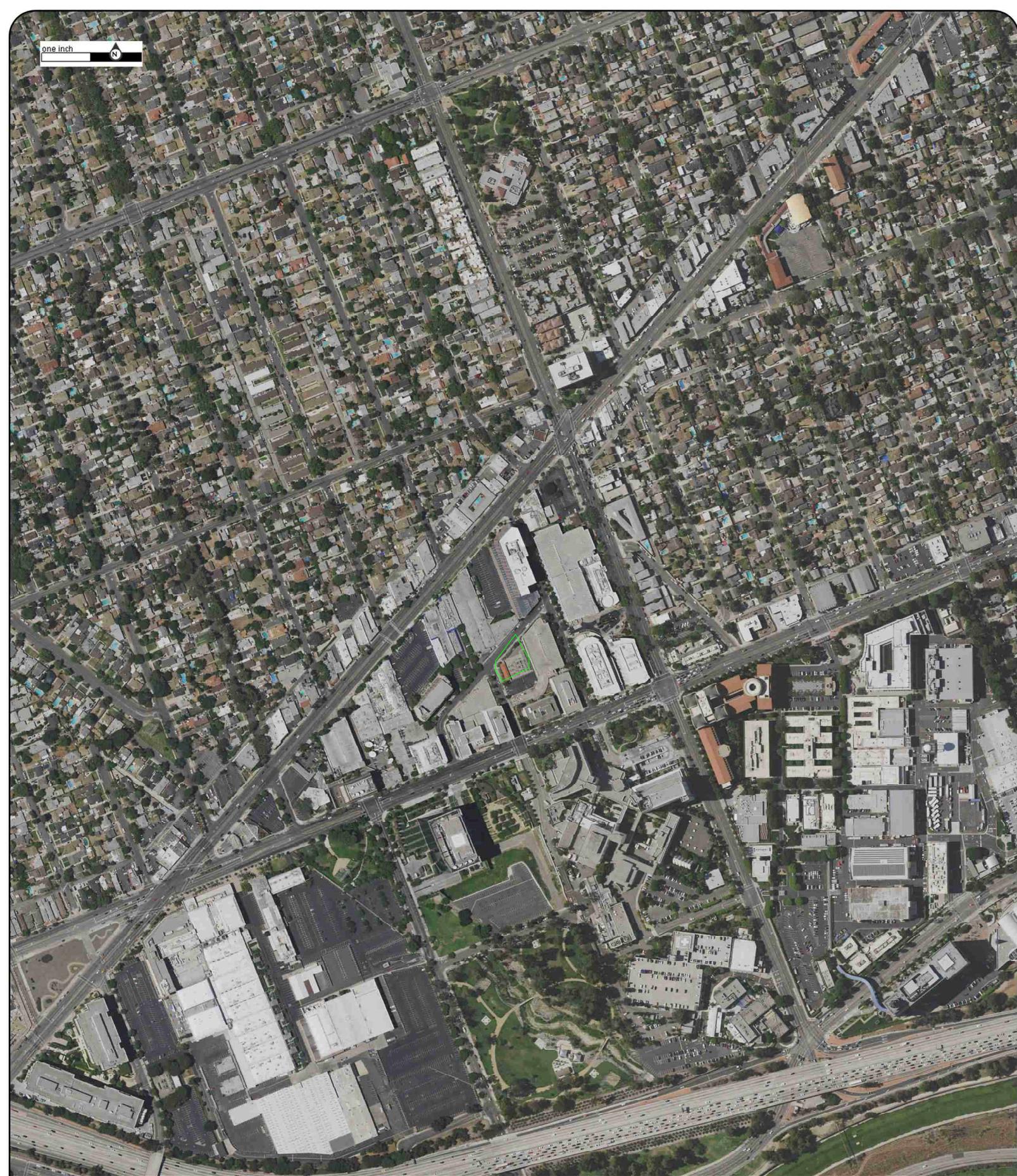
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Approx Center:34.15850813/-118.33024873

Order No:20311300154

**ERIS**  
ENVIRONMENTAL RISK INFORMATION SERVICES



one inch



Year:2016

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Order No:20311300154

Source:NAIP

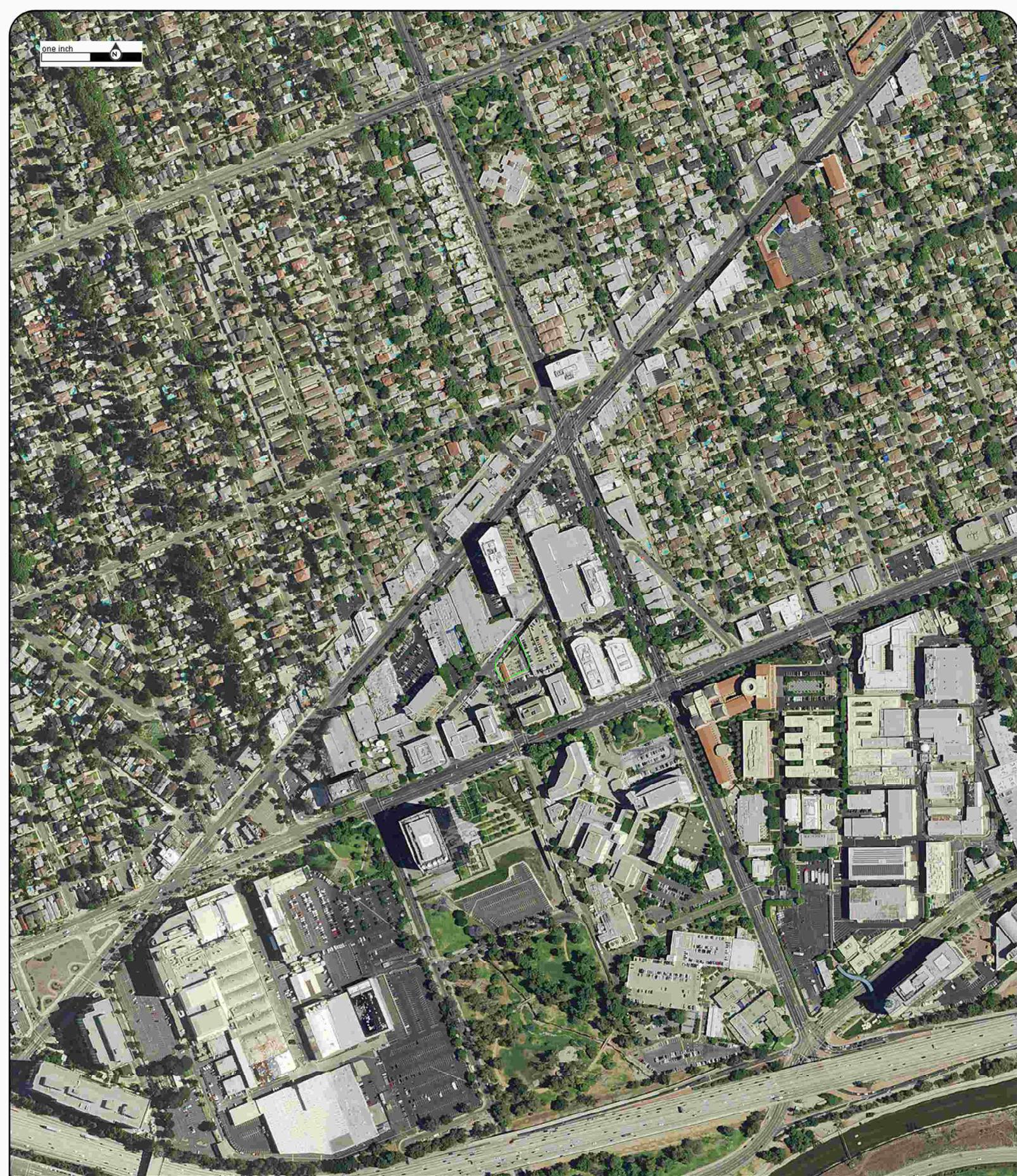
Approx Center:34.15850813/-118.33024873

Scale:1" to 500'

Comment:



one inch



Year:2014  
Source:NAIP  
Scale:1" to 500'  
Comment:

Address:BWP Naomi Substation, Burbank, CA  
Approx Center:34.15850813/-118.33024873

Order No:20311300154



one inch



Year:2012  
Source:NAIP  
Scale:1" to 500'  
Comment:

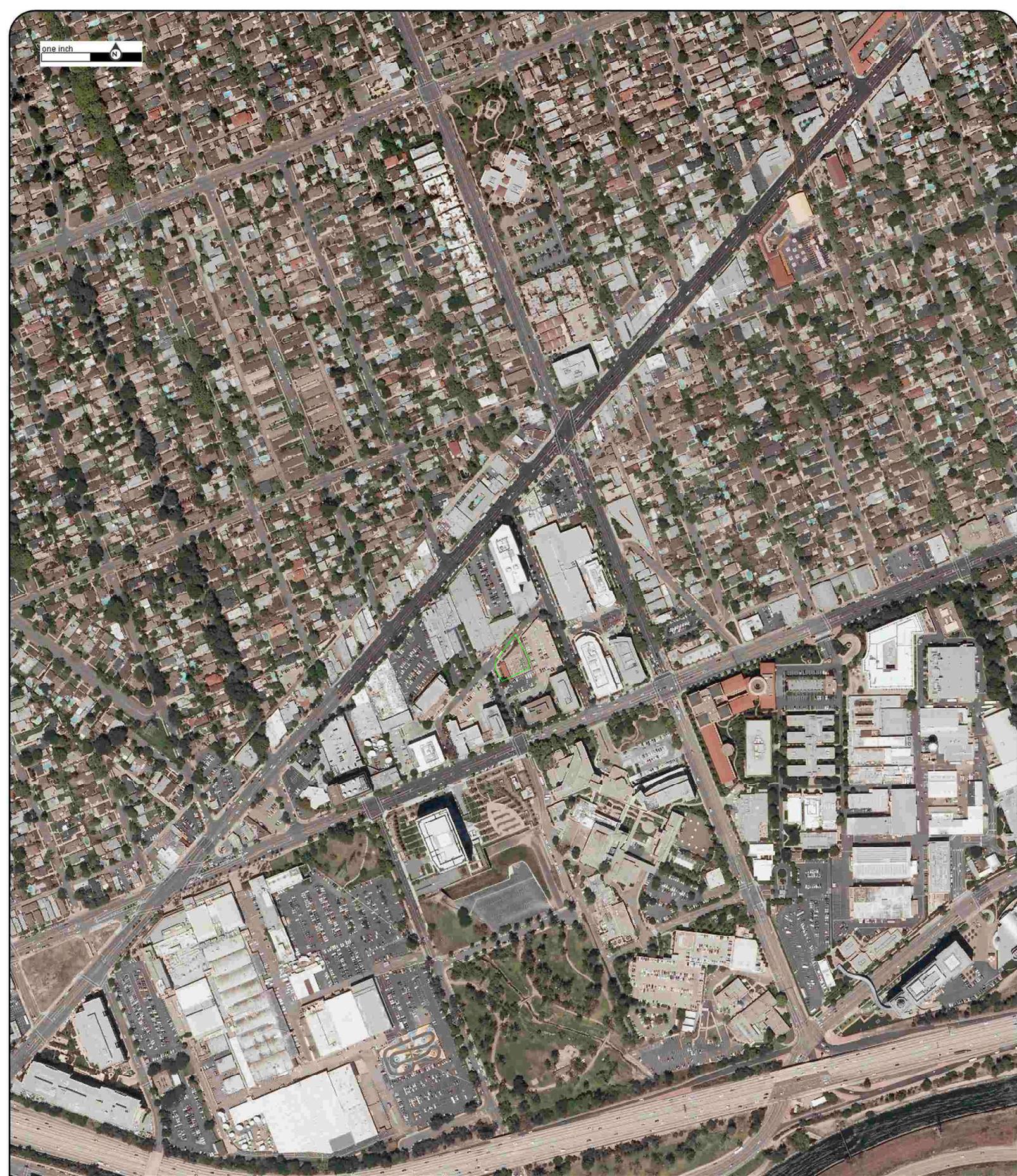
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Approx Center:34.15850813/-118.33024873

Order No:20311300154

**ERIS**  
ENVIRONMENTAL RISK INFORMATION SERVICES



one inch



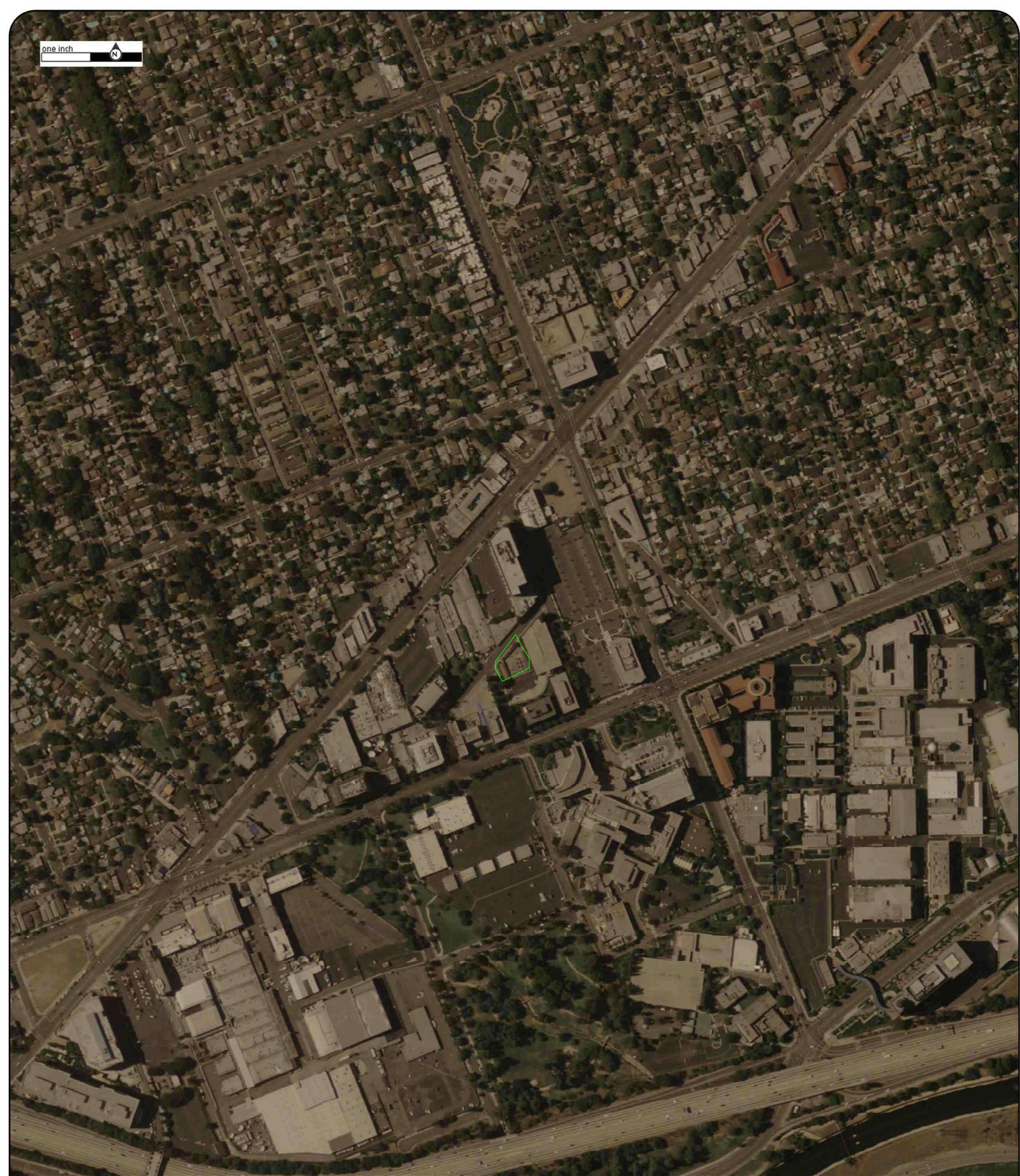
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Source:NAIP  
Scale:1" to 500'  
Comment:

Address:BWP Naomi Substation, Burbank, CA  
Approx Center:34.15850813/-118.33024873

Order No:20311300154



one inch 



Year:2005  
Source:NAIP  
Scale:1" to 500'  
Comment:

Address:BWP Naomi Substation, Burbank, CA  
Approx Center:34.15850813/-118.33024873

Order No:20311300154

**ERIS**  
ENVIRONMENTAL RISK INFORMATION SERVICES



one inch



Year:1994  
Source:USGS  
Scale:1" to 500'  
Comment:

Address:BWP Naomi Substation, Burbank, CA  
Approx Center:34.15850813/-118.33024873

Order No:20311300154



one inch



Year:1989  
Source:USGS  
Scale:1" to 500'  
Comment:

Address:BWP Naomi Substation, Burbank, CA  
Approx Center:34.15850813/-118.33024873

Order No:20311300154

**ERIS**  
ENVIRONMENTAL RISK INFORMATION SERVICES



one inch



Year:1985  
Source:NHAP  
Scale:1" to 500'  
Comment:

Address:BWP Naomi Substation, Burbank, CA  
Approx Center:34.15850813/-118.33024873

Order No:20311300154

**ERIS**  
ENVIRONMENTAL RISK INFORMATION SERVICES



one inch



Year:1980  
Source:USGS  
Scale:1" to 500'  
Comment:

Address:BWP Naomi Substation, Burbank, CA  
Approx Center:34.15850813/-118.33024873

Order No:20311300154

**ERIS**  
ENVIRONMENTAL RISK INFORMATION SERVICES



one inch



Year:1972

Address:BWP Naomi Substation, Burbank, CA

Order No:20311300154

Source:USGS

Approx Center:34.15850813/-118.33024873

Scale:1" to 500'

Comment:

**ERIS**  
ENVIRONMENTAL RISK INFORMATION SERVICES



one inch



Year:1964

Address:BWP Naomi Substation, Burbank, CA

Order No:20311300154

Source:USGS

Approx Center:34.15850813/-118.33024873

Scale:1" to 500'

Comment:

**ERIS**  
ENVIRONMENTAL RISK INFORMATION SERVICES



one inch



Year:1960

Address:BWP Naomi Substation, Burbank, CA

Order No:20311300154

Source:FAIRCHILD

Approx Center:34.15850813/-118.33024873

Scale:1" to 500'

Comment:

**ERIS**  
ENVIRONMENTAL RISK INFORMATION SERVICES



one inch



Year:1958

Address:BWP Naomi Substation, Burbank, CA

Order No:20311300154

Source:FAIRCHILD

Approx Center:34.15850813/-118.33024873

Scale:1" to 500'

Comment:



one inch



Year:1952  
Source:USGS  
Scale:1" to 500'  
Comment:

Address:BWP Naomi Substation, Burbank, CA  
Approx Center:34.15850813/-118.33024873

Order No:20311300154



one inch



Year:1947

Address:BWP Naomi Substation, Burbank, CA

Order No:20311300154

Source:FAIRCHILD

Approx Center:34.15850813/-118.33024873

Scale:1" to 500'

Comment:

**ERIS**  
ENVIRONMENTAL RISK INFORMATION SERVICES



one inch



Year:1944

Address:BWP Naomi Substation, Burbank, CA

Order No:20311300154

Source:ASCS

Approx Center:34.15850813/-118.33024873

Scale:1" to 500'

Comment:

**ERIS**  
ENVIRONMENTAL RISK INFORMATION SERVICES



one inch



Year:1938  
Source:ASCS  
Scale:1" to 500'  
Comment:

Address:BWP Naomi Substation, Burbank, CA  
Approx Center:34.15850813/-118.33024873

Order No:20311300154



one inch



Year:1928

Address:BWP Naomi Substation, Burbank, CA

Order No:20311300154

Source:FAIRCHILD

Approx Center:34.15850813/-118.33024873

Scale:1" to 500'

Comment:

**ERIS**  
ENVIRONMENTAL RISK INFORMATION SERVICES





# Appendix E. Previous Investigations

157220  
pt. 1 of 3

SFUND RECORDS CTR  
157280

**REMEDIAL INVESTIGATION  
OF GROUNDWATER CONTAMINATION  
IN THE SAN FERNANDO VALLEY**

**REMEDIAL INVESTIGATION REPORT**

**Submitted to:**

**City of Los Angeles  
Department of Water and Power  
Under Cooperative Agreement with  
United States Environmental Protection Agency**

**Prepared by:**

**James M. Montgomery, Inc.  
365 Lennon Lane  
Walnut Creek, CA 94598**

**December 1992**



365 Lennon Lane  
Walnut Creek, CA 94598-2427  
(510) 975-3400

U.S. Environmental Protection Agency

Remedial Action Branch

75 Hawthorne Street

San Francisco, CA 94105

DATE: April 20, 1993

SUBJECT: RI Report for the Investigation

of Groundwater Contamination of the

San Fernando Valley

Attn: Mr. Kevin Mayer

File 887.0520

The following items are:

Requested

Enclosed

Sent separately via UPS

Report

Specification

Cost Estimate

Shop Drawings

Test Result

Blank Form

Test Sample

Other

No. of Copies	Description
1	camera-ready copy of the final Remedial Investigation Report for
	Groundwater Contamination in the San Fernando Valley

These data are submitted:

At your request

For your action

For your approval

For your files

For your review

For your information

General Remarks:

Encls.

Copies to :

GO-4 (11/89)

Very truly yours,

JAMES M. MONTGOMERY  
CONSULTING ENGINEERS, INC.

By: *Jenny Boucher*

for Jenny Boucher, Project Manager

## EXECUTIVE SUMMARY

The Remedial Investigation (RI) of Groundwater Contamination in the San Fernando Valley was conducted to characterize the nature and extent of groundwater contamination in the eastern San Fernando Basin and the Verdugo Basin where volatile organic compounds (VOCs) have been historically detected. This RI was directed by the Los Angeles Department of Water and Power (LADWP) between 1987 and 1992, and conducted by James M. Montgomery, Inc. (JMM), for the U.S. Environmental Protection Agency (USEPA). The USEPA selected the LADWP as its lead agency and provided funding for the RI under a Cooperative Agreement through the Comprehensive Environmental Response, Compensation, and Liability Act of 1980 as amended by the Superfund Amendments and Reauthorization Act of 1986 (collectively known as CERCLA). The remedial investigation/feasibility study (RI/FS) process is the CERCLA methodology for characterizing the nature and extent of risks posed by uncontrolled hazardous waste sites and for evaluating potential remedial actions. This RI report was prepared in accordance with CERCLA, the National Contingency Plan (NCP), the USEPA's Guidance for Conducting Remedial Investigations and Feasibility Studies Under CERCLA, Interim Final dated October 1988, and other relevant USEPA guidance.

### Scope and Objectives

The primary objective of the San Fernando Valley RI is to provide a regional characterization of groundwater contamination. Source investigation and characterization of soil contamination in the unsaturated zone was not included in the scope of this RI. Specific areas within the San Fernando Basin are being addressed in greater detail as operable units (OUs) as part of this project. Other investigations for soil and groundwater at individual facilities are proceeding in cooperation with the USEPA, the Los Angeles Regional Water Quality Control Board (RWQCB), and the California Environmental Protection Agency (Cal EPA). The USEPA will use the results of this RI and other investigations to develop a comprehensive feasibility study for long-term remediation of the San Fernando Basin.

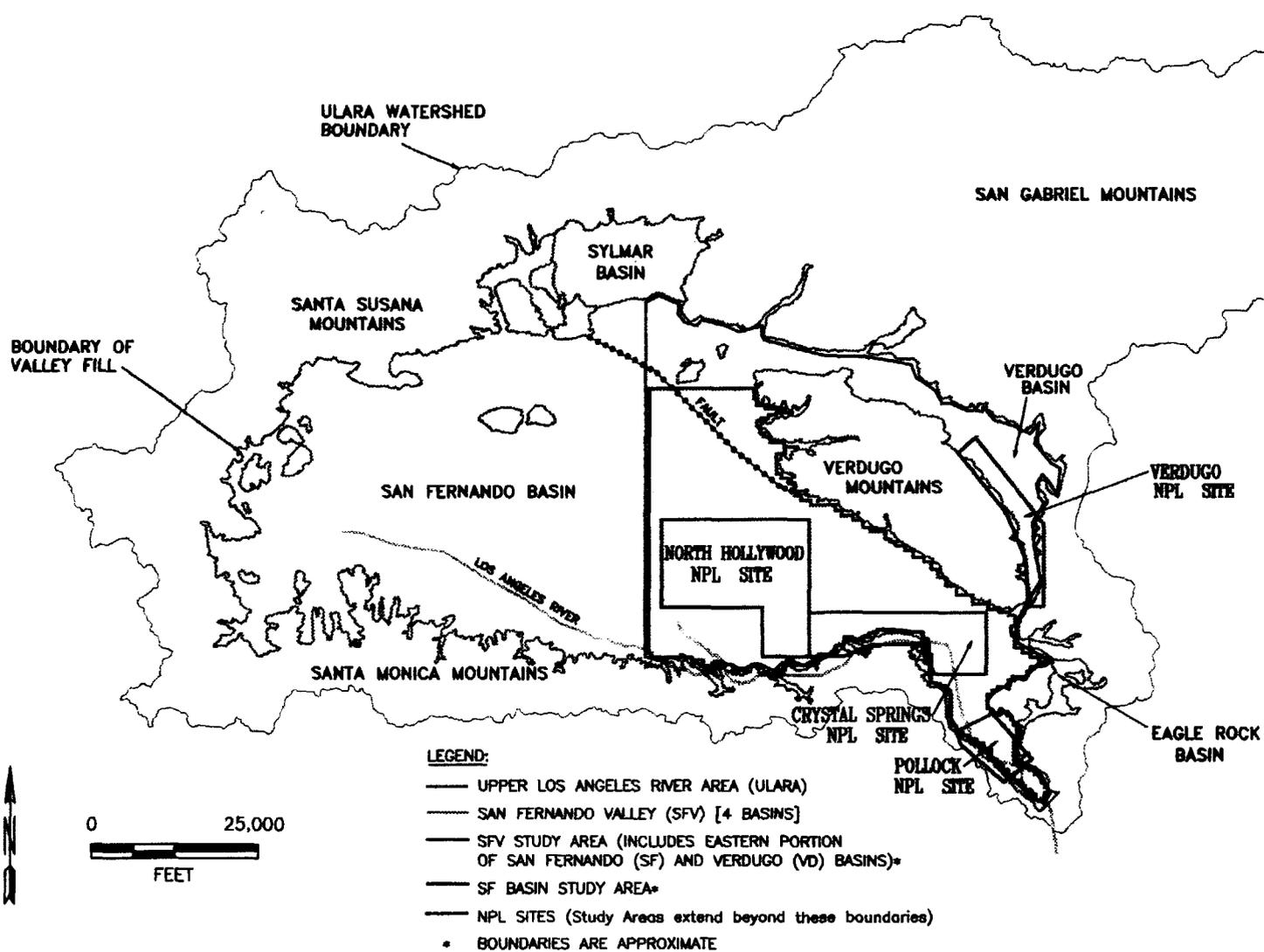
The specific objectives of the RI are to:

1. Assemble lithological and water quality data and information regarding basin operations for the eastern San Fernando and Verdugo basins.
2. Develop a regional characterization of the geology, hydrology, hydrogeology, and the nature and vertical and areal extent of contamination in the eastern San Fernando and Verdugo basins.
3. Discuss factors that influence the fate and transport of compounds in the environment on a regional scale.
4. Identify regulatory requirements and applicable or relevant and appropriate requirements (ARARs) pertinent to groundwater remediation in the eastern San Fernando and Verdugo basins.
5. Evaluate the potential risk to human health and the environment.

## **Background**

The San Fernando Valley Study Area encompasses a large area within the San Fernando Valley (approximately 50 square miles) that includes the eastern portion of the San Fernando Basin and the Verdugo Basin where VOCs are prevalent in groundwater (Figure E-1). This area consists of mixed land use, including residential, commercial, industrial and recreational uses. The majority of the area underlain by contaminated groundwater in the San Fernando Basin is in the industrial corridor that generally follows the Golden State Freeway and the railroad right-of-ways. The population within the San Fernando Valley Study Area is estimated to be 805,000.

The groundwater basins in the San Fernando Valley are natural groundwater reservoirs that represent an important source of drinking water for the Los Angeles metropolitan area. The amount of groundwater extraction in the San Fernando and Verdugo basins is limited to the adjudicated water rights, established by the California Superior Court on January 26, 1979. Groundwater extraction, particularly in the San Fernando Basin, has also been affected by the presence of VOCs in groundwater in the vicinity of a number of the wellfields. The cities of Los Angeles, Burbank, and Glendale have been regularly monitoring their production wells



REMEDIAL INVESTIGATION  
of Groundwater Contamination  
in the San Fernando Valley

**FIGURE E-1**  
**UPPER LOS ANGELES RIVER AREA AND REMEDIAL INVESTIGATION BOUNDARIES**

(groundwater supply wells) for VOCs since 1980, when concentrations of trichloroethene (TCE) and tetrachloroethene (PCE) in excess of state and federal drinking water standards were detected in the groundwater of the San Fernando Valley. State and local agencies acted to provide alternative water supplies and to investigate and clean up potential sources. The USEPA and other agencies became involved in coordinating efforts to address the large-scale contamination. In 1984, the USEPA proposed four sites for inclusion on the National Priorities List (NPL): North Hollywood, Crystal Springs, Pollock, and Verdugo, which were subsequently placed on the NPL in 1986. The Cooperative Agreement between the USEPA and the LADWP was signed in 1987 to perform an RI of groundwater contamination in the San Fernando Valley Study Area, which comprises the eastern half of the San Fernando Valley, and includes the four NPL sites. As of 1992, five separate interim remedial actions or operable units (OUs) are either operating or in planning stages.

### **RI Activities**

A preliminary conceptual model was developed to provide a fundamental understanding of the occurrence and movement of contaminants in groundwater in the San Fernando Valley Study Area. This preliminary conceptual model was based on the Report of Referee (State Water Rights Board, 1962) and other available data, and was modified following the field investigation. RI activities followed the development of the preliminary conceptual model and are described below.

Data from existing production wells were used to assess the physical features of the San Fernando and Verdugo basins and to provide historical water quality information. TCE and PCE contamination data were also compiled from other investigations in the San Fernando Basin to augment these data. During 1988, a soil gas survey was conducted as an initial part of this RI to assist with the placement of monitoring wells. A total of 43 shallow water table wells (or vertical profile borings [VPBs]) were installed and sampled during 1989-90 to help define the areal extent of shallow contamination. Forty-four depth-specific monitoring wells grouped in a total of 15 clusters were then installed and sampled during 1990-91 to help assess the vertical

extent of contamination. In addition, most of the 87 monitoring wells, and 19 existing monitoring or production wells were also sampled at locations throughout the San Fernando Valley Study Area during 1991 to augment the earlier data from the project's monitoring wells. These 87 RI monitoring wells have now been incorporated into EPA's subsequent quarterly sampling program to monitor changes in the basin.

Preliminary ARARs were identified for remedial actions that may be pertinent to the selected remedy for the San Fernando Valley Study Area. Other standards, guidance, or TBCs were also identified. A more detailed analysis of potential ARARs will be provided in subsequent Feasibility Study activities.

The data gathered during the RI activities were evaluated to (1) characterize the subsurface geology, hydrogeology, and groundwater quality of the San Fernando Valley Study Area; (2) to develop a three-dimensional groundwater flow model; and (3) to assess baseline risk to human health and the environment from exposure to groundwater. The following paragraphs briefly describe these activities.

### **Geologic Characterization**

Based on existing data and data from the geologic and geophysical logs collected during the RI field work and other investigations, four lithologic zones are believed to be present over much of the eastern San Fernando Basin. These four zones, ordered from oldest to youngest, are the Deep Zone, Lower Zone, Middle Zone, and the Upper Zone. The Deep Zone occurs within the deepest portions of the eastern San Fernando Basin to a depth of at least 1,200 feet below ground surface (bgs). Evidence suggests that there is minimal interaction between the Deep Zone and contaminated portions of the aquifer. In addition, the interface between the Deep Zone and the Lower Zone is not well defined. The overlying Lower Zone includes the coarsest alluvium in the eastern San Fernando Basin, averaging about 200 to 250 feet thick. The depth to the top of this zone occurs between 250 and 300 feet bgs. The coarse sands and gravels of the Lower Zone were probably deposited in alluvial fan settings similar to present drainage

patterns. Most of the production wells in the eastern San Fernando Basin have much of their screened length located in the upper portions of the Lower Zone, where cobble layers have been identified and the aquifer is the most transmissive. The Middle Zone overlies the Lower Zone and is characterized by a sequence of relatively abundant fine-grained materials, such as sands, silts, and clays. The Middle Zone may represent a period of basin-wide change in depositional patterns, and appears to be extensive throughout the eastern San Fernando Basin, although its lithologic makeup is not homogeneous. For example, there are areas, such as the Los Angeles River Narrows, where the Middle Zone is composed of less fine-grained materials and is similar in composition to the Upper Zone. The Upper Zone includes the alluvium above the Middle Zone, and is composed of silt, sand, and gravel. Similar to the Lower Zone, the Upper Zone probably was also deposited by drainage patterns similar to present depositional patterns.

The saturated thickness of the Upper Zone, ranging from 0 to 210 feet thick, depends on the depth of the water table and the depth to the bottom of the unit, which ranges from 200 to 250 feet bgs. The saturated Upper Zone is thickest in the Crystal Springs area, where the water table is closest to the surface (40 feet bgs), and thinnest in the north central portion of the basin, where the water table is 200 feet bgs. Little production occurs from the Upper and Middle zones of the basin, compared to the production from the Lower Zone. Furthermore, the separation between the Upper and Middle zones is not as evident as the separation between the Middle and Lower zones throughout the San Fernando Basin.

### **Hydrogeologic Characterization**

Aquifer parameters (i.e., conductivity, transmissivity, storativity) were found to vary vertically from zone to zone and also areally within zones throughout the San Fernando Basin. Field hydraulic conductivity estimates for the eastern San Fernando Basin in the Upper Zone ranged from 100 to 360 feet per day (ft/day), and in the Lower Zone, estimates ranged from 240 to 400 ft/day. Hydraulic conductivity estimates in the Lower Zone were generally higher than in the other zones.

Groundwater gradients in the eastern San Fernando Basin ranged from 0.001 foot/foot (ft/ft) to 0.021 ft/ft in the Upper Zone during 1990-91. In the Lower Zone, gradients ranged from 0.001 ft/ft to 0.015 ft/ft during the same period. During nonpumping conditions, the dominant direction of flow is horizontal with a slight upward vertical gradient from the Lower Zone to the Upper Zone. During pumping conditions, groundwater in the vicinity of the wellfields flows primarily in a horizontal direction towards the wellfields within the upper portion of the Lower Zone, and flow is induced from both the Upper and Deep zones toward the Lower Zone in the vicinity of the wellfields. Groundwater levels measured during pumping periods changed considerably in the North Hollywood Study Area, where most of the pumping occurs, while in the Crystal Springs and Pollock study areas, water levels remained unchanged. A groundwater divide also forms downgradient of the influence of the North Hollywood extraction area in both the Upper and Lower zones during pumping periods. Vertical gradients were observed in the San Fernando Basin and are also influenced primarily by pumping in the basin and the lower hydraulic conductivity of the Middle Zone in the basin.

Not only is groundwater flow affected by the varying aquifer parameters; it may also be influenced by faulting in the basin that has occurred mainly in the Lower and Deep zones. Some faults and their effect on groundwater flow (i.e., the Raymond Fault and the Verdugo Fault) are more clearly defined and documented than others (i.e., the Benedict Canyon Fault). Groundwater flow in the San Fernando Basin is also influenced by the Los Angeles River. Specifically, groundwater discharges to the Los Angeles River in the Narrows during periods of high groundwater, caused by increased inflow into the basin from precipitation and recharge and/or by decreased extraction in the Pollock and Glendale areas. This discharge into the river may allow groundwater contamination to enter the river. Interaction between the aquifer and the river is estimated yearly by the Watermaster, although the discharge to and from the river cannot be accurately quantified at specific locations along the river.

## **San Fernando Basin Groundwater Flow Model**

A three-dimensional groundwater flow model was developed to simulate groundwater flow in the San Fernando Basin. The groundwater flow model incorporated the previously described lithologic zones into four layers in the model. The number of layers varied throughout the basin, from one layer in the thinner sediments of the Los Angeles River Narrows, to four layers in the deep-central portion of the basin. Similarly, the heterogeneity of the hydrogeologic characteristics was incorporated in the model input files by the use of location-specific well log data to develop the initial estimates of hydraulic conductivity, transmissivity, and storage characteristics; the aquifer parameters were not generalized by layer or regional conditions in the study area. The Raymond, Verdugo, and Benedict Canyon faults were incorporated in the groundwater flow model as impediments to flow. A possible fault located north of the Crystal Springs study area may also impede groundwater flow, as suggested by the water level measurements and the basin-wide groundwater flow model results, and therefore was also modeled as an impediment to flow.

Model-calibrated hydraulic conductivities were similar to the field test data, ranging from 2 to 200 ft/day over the entire model area for layer 1 (representing the Upper and Middle zones), corresponding to the lower range of field hydraulic conductivity estimates for the Upper Zone, and 2 to 510 ft/day for layer 2, corresponding to the field hydraulic conductivity estimates for the Lower Zone. In general, the gradients, and thus the flow patterns generated by the groundwater flow model, compared favorably with those derived from actual well data compiled in the annual Watermaster Service reports. The model simulated observed, regional flow directions with groundwater moving generally east to southeastward across the basin, towards the pumping centers within the study area and then southward through the Los Angeles River Narrows. The model also simulated both the steep cones of depression caused by pumping and the relatively flat gradients produced by recovering water levels in most areas in the eastern portion of the basin.

This model has been used to guide RI work as well as evaluations for OU feasibility studies during its development. The model will also aid in the evaluation of past and future contaminant migration and remediation of the groundwater basin. It is anticipated that additions and refinements to the model will occur as new data from additional investigations conducted in the basin become available.

### **Nature and Extent of Contamination**

The regional characterization of the areal and vertical distribution of groundwater contamination in the eastern San Fernando Basin and the Verdugo Basin is described in this RI. Water quality data were available from sampling of the production wells between 1980-91, sampling of the RI wells between 1989-91, and sampling of wells conducted during other investigations through 1991. Sufficient data exist to define the contaminant distributions in the Upper and Lower zones of the San Fernando Basin, although precision is better where more data are available. No monitoring wells were screened exclusively in the Middle Zone, and therefore, the distribution of contamination in this zone was not evaluated. The few wells that were screened within the Upper and Middle zones are designated as Upper Zone wells.

Definition of the sources and/or "hot spots" of extremely high contaminant concentrations is limited, because of the regional scale in which the investigation was conducted. The vertical distribution of contamination is also better understood at cluster well locations, where two to four depth-specific wells were installed per site in the San Fernando Basin.

The majority of contamination in groundwater in the eastern San Fernando Basin was found in the Upper Zone, where 11 of the 34 VOCs analyzed were detected above their respective MCLs during the 1991 sampling event. Only four of the 11 VOCs detected above their respective MCLs in the Upper Zone were also detected in the Lower Zone, and no VOCs were detected in the Lower Zone that were not also detected in the Upper Zone. In the Lower Zone, groundwater contamination appeared to be present in smaller, more isolated areas, although the

number of sampling points in the Lower Zone was also less than those in the Upper Zone. No VOC contamination was detected in wells screened in the Deep Zone.

The most prevalent compounds detected throughout the eastern San Fernando Basin were TCE and PCE. Extensive, contiguous areas of TCE and PCE contamination at concentrations greater than their MCLs were found in the Upper Zone. Areas of higher contamination, or "hot spots," were detected throughout the contiguous areas of TCE and PCE contamination, which suggest the presence of numerous sources of groundwater contamination.

From the last RI sampling of all wells, conducted between September 1990 and May 1991, contaminant distribution maps were constructed for TCE and PCE, the most prevalent compounds detected in the Upper and Lower zones. Figure E-2 shows the distribution of TCE in both the Upper and Lower zones, based on the most recent sampling between September 1990 and May 1991. In the Upper Zone, groundwater with TCE concentrations greater than its MCL ( $5 \mu\text{g/l}$ ) and detected as high as  $1,800 \mu\text{g/l}$  during the most recent sampling event is estimated to underlie approximately 13.3 square miles of surface area in the eastern San Fernando Basin. In the Lower Zone, groundwater with TCE concentrations greater than its MCL and detected as high as  $320 \mu\text{g/l}$  during the most recent sampling event is estimated to underlie an area of approximately 6.4 square miles. Groundwater with PCE concentrations detected above its MCL ( $5 \mu\text{g/l}$ ) and as high as  $160 \mu\text{g/l}$  is estimated to underlie an area of approximately 8.8 square miles in the Upper Zone. In the Lower Zone, where PCE was detected as high as  $170 \mu\text{g/l}$ , groundwater contaminated with PCE at concentrations greater than its MCL is estimated to cover an area of approximately 3.9 square miles. Higher concentrations of TCE and PCE were detected during earlier sampling events at some well locations.

In addition to VOCs, the groundwater samples from RI wells were also analyzed for priority pollutant metals; inorganics; base, neutral, acid extractable semivolatile organic compounds (BNAs); chlorinated pesticides/polychlorinated biphenyls (PCBs); and radionuclides. Two priority pollutant metals (chromium and lead) were detected above their respective MCLs within the Upper and Middle zones during the 1991 RI sampling. Arsenic was also detected, but below

Fig. 3. 92

3-92

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its MCL. No other metals were detected above MCLs within the Lower and Deep zones. Nitrate was detected throughout the San Fernando Basin in the Upper and Middle zones at concentrations above its MCL (10 mg/l as N) during the 1991 RI sampling. In the Lower and Deep zones, nitrate was detected above its MCL in isolated areas in the northeastern portion of the San Fernando Basin. Radionuclide constituents, such as gross alpha, gross beta, and radon, were detected in groundwater at elevated levels during the January through May 1991 RI sampling events in both the Upper and Lower zones. Results from the radionuclide analyses indicate that these constituents may be present on a regional scale.

In the Verdugo Basin, no VOCs were detected above MCLs, but nitrate was detected above its MCL in approximately half of the wells sampled. Because groundwater contamination in the Verdugo Basin was determined to be minor, the vertical extent of contamination was not investigated.

As previously indicated, source investigation was not the focus of this RI. As a result, the RI wells were not designed for detecting the presence of nonaqueous-phase liquids (NAPLs) and only limited soil sampling was conducted. While soil samples were collected during installation of the VPBs, no further soil sampling was performed since the soil data indicated the absence of significant chemical concentrations at the VPB sites. Because of the regional focus of the RI, the maximum concentrations of contaminants detected in groundwater and soil during this investigation may not be representative of the potential maximum contaminant concentrations that may be present in the basin in the vicinity of source locations. Groundwater investigations conducted at or adjacent to possible source locations may indicate much greater contamination, both in soil and groundwater, and NAPLs may be present.

### **Contaminant Fate and Transport**

Contaminant migration in groundwater in the San Fernando Basin is governed primarily by advection-dispersion with groundwater flow. Contaminants may also be retarded by chemical or physical interactions (e.g., sorption/desorption) with the soil matrix. Neither chemical nor

biological transformation processes are expected to significantly influence the fate and transport of compounds on a regional scale within this basin.

Although solute transport modeling was not performed as part of the RI, solute transport velocities were estimated for TCE and PCE in identified areas of high contamination throughout the basin, using average groundwater flow velocities simulated by the groundwater flow model and estimated retardation factors for TCE and PCE. In the Upper Zone, the estimated solute transport velocity of TCE ranged from 130 ft/year in the North Hollywood wellfield area to 600 ft/year in the Los Angeles River Narrows, and for PCE from 110 ft/year in the North Hollywood wellfield area to 320 ft/year in the Los Angeles River Narrows. Solute transport velocities in the contaminated areas of the Lower Zone ranged from 270 to 380 ft/year for TCE, and from 170 to 240 ft/year for PCE. The groundwater flow model results suggest that solute transport velocities may be affected by local pumping conditions that may inhibit or enhance the horizontal and vertical downward migration of contaminants in areas near large pumping centers.

A possible pathway for vertical contaminant migration may be through the existing production or monitoring wells that are perforated across several zones from the water table to depths greater than 200 feet. Over 2,000 monitoring and production wells are known to exist in the San Fernando Basin. Many wells were installed prior to the adjudication of the basin in 1979 and are now inactive; some have been abandoned or destroyed, but others may still exist. Some of these wells are perforated from the water table to depths greater than 200 feet (depending upon their location in the basin), and may provide vertical conduits for contamination to migrate from the Upper Zone to the Lower Zone, especially in areas where groundwater extraction in the Lower Zone occurs.

### **Baseline Risk Assessment**

A baseline risk assessment was conducted for the compounds detected in the San Fernando Basin that exceeded MCLs. Evaluation of risk to a single receptor was made by identifying possible exposure pathways; calculating a reasonable maximum exposure (RME) for the Upper Zone and

Lower Zone separately, using data collected during the RI; and assigning health-based criteria for the site-specific compounds of interest. The RMEs for the Upper and Lower zones are statistical calculations based on regional data and do not represent groundwater in a specific area within the San Fernando Basin. Based on the RMEs calculated for groundwater from the Upper Zone, if this groundwater was used as a source of drinking water without treatment for VOCs, it would exceed acceptable carcinogenic risk levels as defined by the NCP for either exposure by ingestion or by inhalation of vapors during showering. The use of untreated groundwater from the Upper Zone as potable supply would also contribute to an unacceptable chronic (noncarcinogenic) risk. The primary contributors to carcinogenic risk are Group B2 carcinogens, such as TCE, carbon tetrachloride, PCE, and 1,2-dichloroethane (1,2-DCA); and arsenic, which is a Group A carcinogen. According to the USEPA's weight-of-evidence categories, Group A and B2 carcinogens are considered to be known or probable human carcinogens, respectively. The compound 1,1-dichloroethene (1,1-DCE) also contributes to total risk, but its contribution is less significant because it is a Group C carcinogen, based on its inadequate evidence of carcinogenicity in humans. TCE is the primary contributor to chronic risk from exposure to groundwater from the Upper Zone. Based on the RMEs calculated for groundwater from the Lower Zone, if this groundwater was to be used as a source of drinking water without treatment for VOCs, the carcinogenic and chronic risk levels for both exposure pathways are within the acceptable range as defined by the NCP.

## **Conclusions**

This RI has accomplished its primary objectives of (1) characterizing, on a regional scale, the geology, hydrology, hydrogeology, and nature and extent of contamination in the eastern San Fernando and Verdugo basins; and (2) providing a basis for a feasibility study that will address possible strategies for remediation of contaminated groundwater on a basin-wide scale. It is anticipated that other data will become available in the future as a result of localized investigations of possible source areas (which were beyond the scope of this investigation) and of operable units. Thus, the characterization presented in this report may need to be reviewed and revised in light of future findings.

Further investigation on a more localized scale is necessary to identify source locations, possible contamination in other media (e.g., vadose zone soils), possible presence of NAPLs, and localized aquifer heterogeneity, so that more site-specific remedial action can be pursued. Resolving these issues is essential to a complete understanding of the contaminant distribution in the saturated and unsaturated zones, and they would be more appropriately addressed at a smaller scale than that used to accomplish the goals and objectives of this RI.

## 1.0 INTRODUCTION

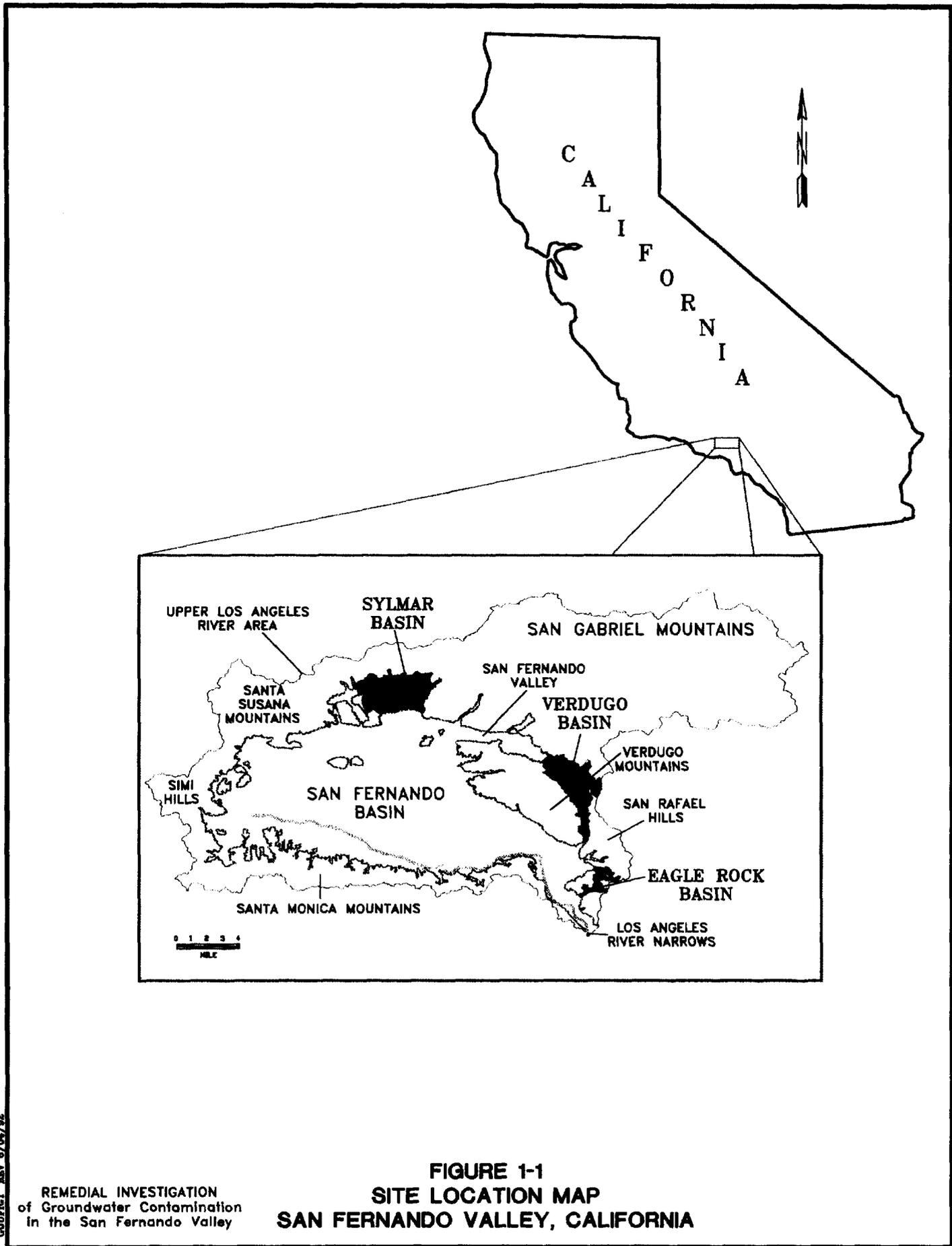
The Remedial Investigation (RI) of Groundwater Contamination in the San Fernando Valley, also referred to as the San Fernando Valley RI, was directed by the Los Angeles Department of Water and Power (LADWP), and conducted by James M. Montgomery, Inc. (JMM) between 1987 and 1992. This report was prepared for the U.S. Environmental Protection Agency (USEPA) and includes the findings of the RI. The USEPA selected the LADWP as its lead agency and provided funding for the RI under a Cooperative Agreement through the Comprehensive Environmental Response, Compensation, and Liability Act of 1980 as amended by the Superfund Amendments and Reauthorization Act of 1986 (collectively known as CERCLA). This report was prepared in accordance with the guidelines outlined in the Guidance for Conducting Remedial Investigations under CERCLA (USEPA, 1988).

The RI provides a regional characterization of the portions of the San Fernando and Verdugo groundwater basins in the San Fernando Valley that have significant concentrations of volatile organic compounds (VOCs), primarily trichloroethene (TCE) and tetrachloroethene (PCE). Figure 1-1 shows the location of the subject area.

### 1.1 NOMENCLATURE

The nomenclature that is used in the RI with reference to the various areas is defined and summarized as follows:

	<u>Term</u>	<u>Definition</u>
1.	Upper Los Angeles River Area (ULARA)	The ULARA, shown in Figure 1-1, is the entire watershed area for the San Fernando Valley (approximately 122,800 acres) and the tributary hills and mountains (approximately 205,700 acres).



**FIGURE 1-1**  
**SITE LOCATION MAP**  
**SAN FERNANDO VALLEY, CALIFORNIA**

REMEDIAL INVESTIGATION  
of Groundwater Contamination  
in the San Fernando Valley

CGUT/FG1 REV 6/04/92

2. **San Fernando Valley (SFV)**

The San Fernando Valley is the valley floor and consists of alluvial fill that is contained within the ULARA (Figure 1-1). Within the San Fernando Valley, there are four hydrologic or groundwater basins: the San Fernando Basin, the Verdugo Basin, the Sylmar Basin, and the Eagle Rock Basin.
3. **San Fernando Valley Study Area**

The San Fernando Valley Study Area is the eastern portion of the San Fernando Valley that includes the eastern portion of the San Fernando Basin and the entire Verdugo Basin.
4. **San Fernando Basin Study Area**

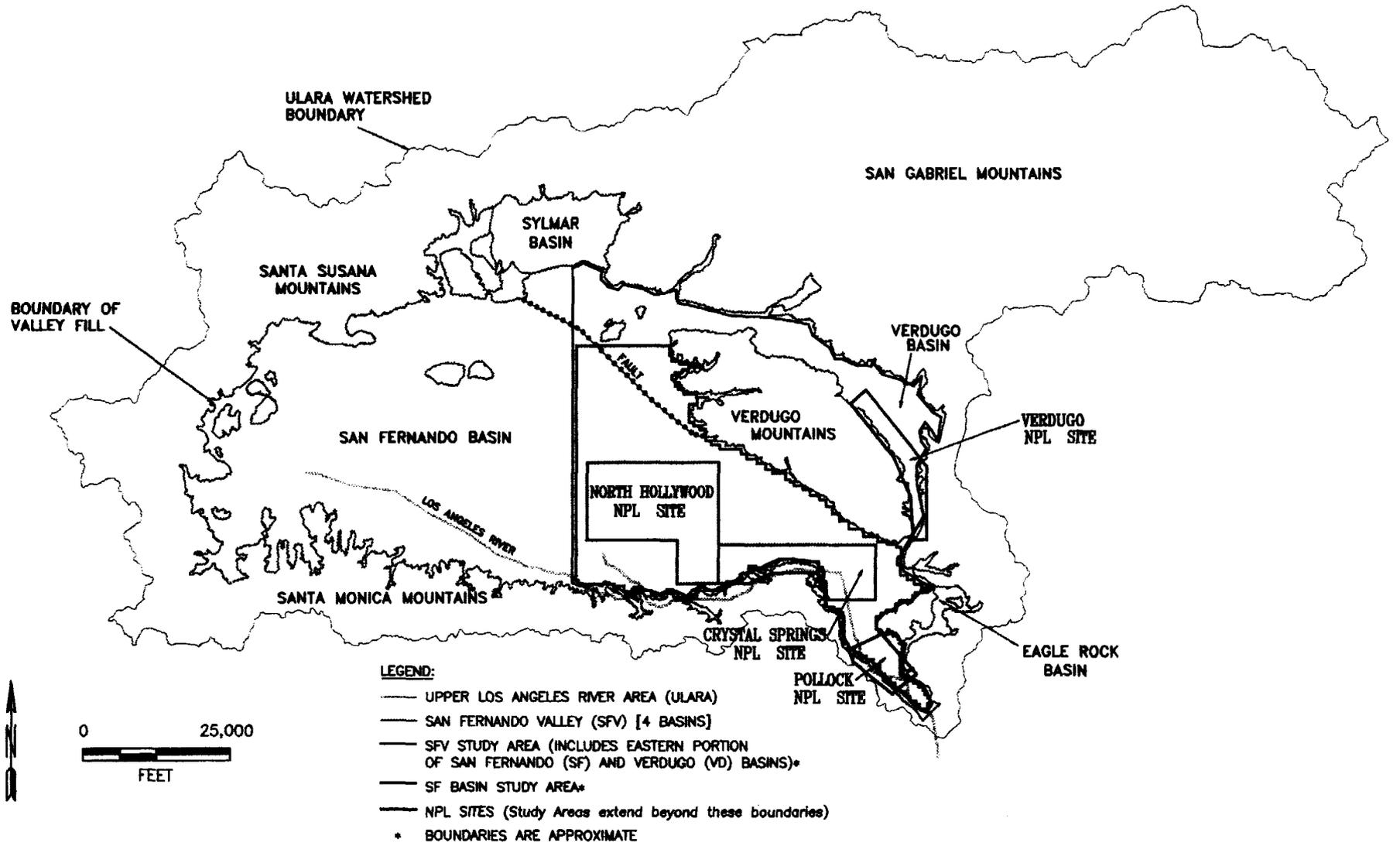
The San Fernando Basin Study Area (Figure 1-2) is the portion of the San Fernando Valley Study Area that includes three National Priorities List (NPL) sites that are located in the San Fernando Basin.
5. **National Priorities List (NPL) Sites**

There are four NPL sites located within the San Fernando Valley that were established in 1984 by the USEPA in accordance with CERCLA. The four sites are:

  - North Hollywood NPL Site
  - Crystal Springs NPL Site
  - Pollock NPL Site
  - Verdugo NPL Site

The boundaries of each of the NPL sites (Figure 1-2) were conceptually established based on the estimated extent of VOC contamination in groundwater, known at that time, in relationship to water supply wells or wellfields. The USEPA is managing the four areas as one large site, referred to as the San Fernando Valley Superfund Site, encompassing the four NPL sites and adjacent areas where groundwater contamination is known or is presumed to have migrated.

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REMEDIAL INVESTIGATION  
of Groundwater Contamination  
in the San Fernando Valley

**FIGURE 1-2**  
**UPPER LOS ANGELES RIVER AREA AND REMEDIAL INVESTIGATION BOUNDARIES**

- |   |   |
|---|---|
| 6. North Hollywood, Crystal Springs, Pollock, and Verdugo study areas | The North Hollywood, Crystal Springs, Pollock, and Verdugo study areas lie within the San Fernando Valley Study Area and are based on their respective NPL sites, but generally address larger areas. They include areas of groundwater VOC contamination that extend beyond the NPL site boundaries. |
|---|---|

Other terms related to the San Fernando Valley and the San Fernando Basin have been used prior to this report. These terms, such as the "San Fernando Valley Groundwater Basin" and the "San Fernando Valley Basin," were used in the earlier stages of the RI and appear in various RI-related correspondence, documents, and technical memoranda, but are not precise and are now considered obsolete. The appendices to this report may include some of these obsolete terms in documents that were completed prior to the preparation of this report.

## **1.2 PURPOSE AND OBJECTIVES OF THE SAN FERNANDO VALLEY REMEDIAL INVESTIGATION**

The purpose of the San Fernando Valley RI is to characterize the nature and extent of the contamination on a regional scale in the groundwater basins of the San Fernando Valley Study Area and to assess the associated health risk. The RI provides the basis for the feasibility study (FS), which will evaluate various remedial actions to restore the contaminated groundwater basins. Investigations of sources and source areas are beyond the scope of this RI, and the results of this RI are not intended to be a substitute for detailed site investigations on a local scale.

The specific objectives of the RI are to:

1. Assemble data from the contaminated groundwater basins in the San Fernando Valley Study Area regarding lithology, basin operations, and water quality.
2. Characterize the groundwater basins in the San Fernando Valley Study Area on a regional scale that are contaminated with VOCs, based on the analyses of the data, according to the following categories:

- a. Geology
  - b. Hydrology
  - c. Hydrogeology, including groundwater gradients and flow
  - d. Nature, area, depth, and concentrations of contamination
3. Present factors that influence the fate and transport of contaminants in the environment on a regional scale.
  4. Identify regulatory requirements and applicable or relevant and appropriate requirements (ARARs) pertinent to groundwater remediation in the San Fernando Valley Study Area.
  5. Provide an evaluation of the potential threat to human health and the environment in the absence of any remedial action.

The approach for characterizing the groundwater basins in the San Fernando Valley Study Area included the construction and sampling of water-table wells (vertical profile borings [VPBs]) in the San Fernando and Verdugo basins and clustered monitoring wells in key locations of the San Fernando Basin Study Area. The geologic and electric logs, depth-specific water-quality data, and water-level data that were acquired through these activities are stored in a database (JMM, 1992g), and provide information for a regional three-dimensional assessment of the San Fernando Valley Study Area. A three-dimensional groundwater flow model of the San Fernando Basin was developed using this data and was calibrated with existing groundwater data for 1981-82 through 1990-91 to reflect current operating conditions. The model will simulate and help assess the effects on horizontal and vertical groundwater gradients of possible future operations and remedial actions involving groundwater extraction and recharge.

### **1.3 BACKGROUND OF THE SAN FERNANDO VALLEY**

The San Fernando Valley includes the four groundwater basins of the ULARA. Three of these basins, the San Fernando Basin, the Sylmar Basin, and the Verdugo Basin, provide groundwater supply to the cities of Los Angeles, Burbank, Glendale, San Fernando, and the Crescenta Valley County Water District. Discussions of the historical water rights, water quality, and other Superfund activities of the San Fernando Valley are presented below.

### **1.3.1 Water Rights**

Water rights to groundwater in the ULARA were adjudicated in the California Superior Court for Los Angeles County (Case No. 650079), on January 26, 1979 (California Superior Court, 1979). The decision, referred to in the RI as "the Judgment," was the result of a lawsuit filed in 1955 by the City of Los Angeles against the cities of Burbank, Glendale, and San Fernando, as well as approximately 200 other parties that pumped groundwater from the San Fernando Basin. The Judgment defined the rights of all parties to pump groundwater from the four groundwater basins within the San Fernando Valley.

Specifically, the Judgment upheld the native water rights exclusively granted to the City of Los Angeles by the Pueblo Right, a law established under Spanish rule in 1781 (Mann, 1976). The decision provided Los Angeles with all native rights to both the surface water and groundwater. In addition, each city's right to extract a portion of delivered water assumed to percolate into the San Fernando Basin was better defined. The Judgment fixed the portion of Los Angeles' imported water that could be recaptured at 20.8 percent delivered to the valley floor area and, for the cities of Burbank and Glendale, at 20.0 percent for water delivered to the valley floor, hill, and mountain areas. The cities were also allowed to accumulate credit for stored groundwater from in-lieu pumping or imported spread water. In addition, a "physical solution agreement" was made that allows the cities of Burbank and Glendale and several other private parties to extract a specified amount of water that is chargeable to the rights of others upon payment.

The 1979 Judgment is being administered by the ULARA Watermaster, who is required to submit a report for each water year (October 1 through September 30). Groundwater extraction from the San Fernando Valley must meet the policies set by the ULARA Watermaster. The Policies and Procedures Guidelines in Appendix E of the annual Water Master Service Report (ULARA Watermaster, 1991) present guidelines for extraction of groundwater for dewatering and cleanup through pumping programs and the use of this water after treatment. As part of the responsibility for maintaining a safe yield in the basin, the ULARA Watermaster must account

for all water extracted from the basins in the ULARA whether it is consumptively used or discharged. Extracted water must be charged to a party's pumping entitlement, as stipulated in the Judgment.

### **1.3.2 Historic Water Quality**

In 1979-80, a water-quality survey of all production wells in the San Fernando Valley was performed in response to California State Assembly Bill (AB) 1803. This survey revealed that TCE and PCE were present in a number of wells at concentrations in excess of the Department of Toxic Substances Control (DTSC) (formerly the Department of Health Services [DHS]) State Action Levels (SAL) of 4 micrograms per liter ( $\mu\text{g}/\text{l}$ ) for PCE (SAL during 1980) and the state and federal Maximum Contaminant Level (MCL) of 5  $\mu\text{g}/\text{l}$  for TCE. As a result, a number of agencies, including the USEPA, became involved in coordinating efforts to address the contamination. A list of current MCLs and SALs for detected organic compounds, metals, and inorganic compounds is presented in Table 1-1.

In 1981, LADWP began a 2-year study to assess the severity of groundwater contamination at several municipal water supply well fields in the San Fernando Valley. This study included field investigations, industrial site surveys, record and archive searches, literature reviews, and water-quality analyses of more than 600 samples from water supply wells. The findings from this study were presented in the Groundwater Quality Management Plan, San Fernando Valley Basin (LADWP, 1983). Contamination in excess of DTSC SALs was found in approximately 45 percent of the LADWP supply wells in the eastern portion of the San Fernando Valley.

### **1.3.3 General Superfund Activities**

In 1984, the USEPA proposed three sites within the San Fernando Basin (North Hollywood, Crystal Springs, and Pollock) and one within the Verdugo Basin (Verdugo) for inclusion on the NPL. In 1985, LADWP applied for a cooperative agreement with the USEPA to perform an RI of the eastern half of the San Fernando Valley, including the four NPL sites. In 1986, the

TABLE 1-1

**EPA AND CALIFORNIA MAXIMUM CONTAMINANT LEVELS AND CALIFORNIA  
STATE ACTION LEVELS FOR SELECTED ORGANIC COMPOUNDS, METALS,  
AND INORGANIC COMPOUNDS IN DRINKING WATER**

Constituent	Environmental Protection Agency				California Department of Health Services			
	Current MCL		Proposed MCL		Current MCL		Proposed Primary MCL <sup>a</sup>	Secondary Action Level (SAL)
	Primary <sup>a</sup>	Secondary <sup>b</sup>	Primary <sup>a</sup>	Secondary <sup>b</sup>	Primary <sup>a</sup>	Secondary <sup>b</sup>		
<b>Volatile Organics</b>	( $\mu\text{g/l}$ )	( $\mu\text{g/l}$ )	( $\mu\text{g/l}$ )	( $\mu\text{g/l}$ )	( $\mu\text{g/l}$ )	( $\mu\text{g/l}$ )	( $\mu\text{g/l}$ )	( $\mu\text{g/l}$ )
Acetone	-	-	-	-	-	-	-	-
Benzene	5	-	-	-	1	-	-	-
Bromoform	100 <sup>c</sup>	-	-	-	-	-	-	-
2-Butanone (MEK)	-	-	-	-	-	-	-	-
Carbon Disulfide	-	-	-	-	-	-	-	-
Carbon tetrachloride	5	-	-	-	0.5	-	-	-
Chlorobenzene	100	-	-	-	30	-	-	-
Chloroform	100 <sup>c</sup>	-	-	-	-	-	-	-
Dibromochloromethane	100 <sup>c</sup>	-	-	-	-	-	-	-
1,1-Dichloroethane	-	-	-	-	5	-	-	-
1,2-Dichloroethane	5	-	-	-	0.5	-	-	-
1,1-Dichloroethene	7	-	-	-	6	-	-	-
cis-1,2-Dichloroethene	70 <sup>c</sup>	-	-	-	6	-	-	-
trans-1,2-Dichloroethene	100 <sup>c</sup>	-	-	-	10	-	-	-
1,2-Dichloropropane	5 <sup>c</sup>	-	-	-	5	-	-	-
Ethylbenzene	700	-	-	30	680	-	-	-
2 Hexanone	-	-	-	-	-	-	-	-
Methylene chloride	-	-	5	-	-	-	-	40
4-Methyl-2-Pentanone (MIBK)	-	-	-	-	-	-	-	-
Styrene	100	-	-	10	-	-	-	-
1,1,2,2-Tetrachloroethane	-	-	-	-	1	-	-	-
Tetrachloroethene (PCE)	5 <sup>c</sup>	-	-	-	5	-	-	-
Total THMs	100 <sup>c</sup>	-	-	-	100	-	-	-
Toluene	1,000 <sup>c</sup>	-	-	40	-	-	-	100
1,1,1-Trichloroethane (TCA)	200	-	-	-	200	-	-	-
1,1,2-Trichloroethane	-	-	5	-	32	-	-	-
Trichloroethene (TCE)	5	-	-	-	5	-	-	-
Vinyl Acetate	-	-	-	-	-	-	-	-
Vinyl chloride	2	-	-	-	0.5	-	-	-
Xylenes (total)	10,000 <sup>c</sup>	-	-	20	1,750	-	-	-
<b>Semi-Volatile Organics</b>	( $\mu\text{g/l}$ )	( $\mu\text{g/l}$ )	( $\mu\text{g/l}$ )	( $\mu\text{g/l}$ )	( $\mu\text{g/l}$ )	( $\mu\text{g/l}$ )	( $\mu\text{g/l}$ )	( $\mu\text{g/l}$ )
bis(2-Ethylhexyl)phthalate	-	-	4 <sup>f</sup>	-	4 <sup>f</sup>	-	-	-
2,4-Dimethylphenol	-	-	-	-	-	-	-	400
Di-n-octylphthalate	-	-	-	-	-	-	-	-
2-Methylnaphthalene	-	-	-	-	-	-	-	-
2 Methylphenol	-	-	-	-	-	-	-	-
Naphthalene	-	-	-	-	-	-	-	-
Phthalates	-	-	4	-	4	-	-	-
<b>Inorganics</b>	( $\text{mg/l}$ )	( $\text{mg/l}$ )	( $\text{mg/l}$ )	( $\text{mg/l}$ )	( $\text{mg/l}$ )	( $\text{mg/l}$ )	( $\text{mg/l}$ )	( $\text{mg/l}$ )
Aluminum	-	0.05-0.2	-	-	1	1	-	-
Antimony	-	-	0.01/ 0.005 <sup>c</sup>	-	-	1	-	-
Arsenic	0.05	-	-	-	0.05	-	-	-
Barium	2 <sup>d</sup>	-	-	-	1	-	-	-
Beryllium	-	-	0.001	-	-	-	-	-
Cadmium	0.005 <sup>c</sup>	-	-	-	0.01	-	-	-
Calcium	-	-	-	-	-	-	-	-
Chloride	-	250	-	-	-	-	-	-
Chromium	0.1 <sup>c</sup>	-	-	-	0.05	-	-	-

TABLE 1-1 (Continued)

**EPA AND CALIFORNIA MAXIMUM CONTAMINANT LEVELS AND CALIFORNIA  
STATE ACTION LEVELS FOR SELECTED ORGANIC COMPOUNDS, METALS,  
AND INORGANIC COMPOUNDS IN DRINKING WATER**

Constituent	Environmental Protection Agency				California Department of Health Services			
	Current MCL		Proposed MCL		Current MCL		Proposed Primary MCL <sup>a</sup>	Secondary Action Level (SAL)
	Primary <sup>a</sup>	Secondary <sup>b</sup>	Primary <sup>a</sup>	Secondary <sup>b</sup>	Primary <sup>a</sup>	Secondary <sup>b</sup>		
Cobalt	-	-	-	-	-	-	-	-
Copper	1.3 <sup>d,g</sup>	1	-	-	-	-	-	-
Iron	-	0.3	-	-	-	-	-	-
Lead	0.015 <sup>d,h</sup>	-	-	-	0.05	-	-	-
Magnesium	-	-	-	-	-	-	-	-
Manganese	-	0.05	-	-	-	-	-	-
Mercury	0.002	-	-	-	0.002	-	-	-
Nickel	-	-	0.1	-	-	-	-	-
Nitrate (as N)	10	-	-	-	10	-	-	-
Potassium	-	-	-	-	-	-	-	-
Selenium	0.01 <sup>c</sup>	-	-	-	0.01	-	-	-
Silver	0.05	0.1	-	-	0.05	-	-	-
Sodium	-	-	-	-	-	-	-	-
Sulfate	-	250	400	-	-	-	-	-
Thallium	-	-	0.01/ 0.002	-	-	-	-	-
Vanadium	-	-	-	-	-	-	-	-
Zinc	-	5	-	-	-	-	-	-
<b>Radionuclides</b>	<b>(pCi/l)</b>	<b>(pCi/l)</b>	<b>(pCi/l)</b>	<b>(pCi/l)</b>	<b>(pCi/l)</b>	<b>(pCi/l)</b>	<b>(pCi/l)</b>	<b>(pCi/l)</b>
Gross Alpha <sup>i</sup>	15	-	-	-	15	-	-	-
Gross Beta	j	-	-	-	50	-	-	-
Radium 226 and 228	5	-	20	-	5	-	-	-
Radon	-	-	300	-	-	-	-	-
<b>Physical/Aesthetic</b>								
Color (color units)	-	15	-	-	-	-	-	-
Hardness (as CaCO <sub>3</sub> )	-	-	-	-	-	-	-	-
Langelier Index (unitless)	-	Non Corrosive	-	-	-	-	-	-
Odor (TON)	-	3	3	-	-	-	-	-
pH (unitless)	-	6.5-8.5	-	-	-	-	-	-
Specific Conductance (µmho/cm)	-	-	-	-	-	-	-	-
Total Dissolved Solids (mg/l)	-	500	-	-	-	-	-	-

Source: USEPA Region 9 Drinking Water Standards and Health Advisory Table (August 1991).

"-" indicates no MCL or SAL has been promulgated or proposed, or the SAL has been superseded by a current state MCL.

<sup>a</sup> The primary MCLs are enforceable standards.

<sup>b</sup> The secondary MCLs are recommended, but not enforceable, standards.

<sup>c</sup> Effective July 1992.

<sup>d</sup> Effective December 1992.

<sup>e</sup> Total Trihalomethanes (MCL is for total of chloroform, dichlorobromomethane, bromoform, and dibromochloromethane).

<sup>f</sup> Value is for phthalates.

<sup>g</sup> Treatment technique in lieu of numeric MCL; treatment technique triggered at action level of 1.3 mg/l.

<sup>h</sup> Treatment technique in lieu of numeric MCL; treatment technique and public notification triggered at action level of 0.015 mg/l.

<sup>i</sup> Gross Alpha particle activity includes Radium-226 but excludes Radon and Uranium.

<sup>j</sup> Average annual dose from beta particle and photon radioactivity not to exceed 4 millirem/yr.

USEPA placed the four sites on the NPL. The cooperative agreement for the RI was signed in July 1987.

The USEPA also identified two Operable Units (OUs) within the North Hollywood Study Area -- the North Hollywood OU and the Burbank OU. An FS and a technical memoranda supplement were prepared for the Burbank Operable Unit (JMM, 1988, 1990b), and an FS was prepared for the North Hollywood Operable Unit (LADWP, 1986). In general, OUs are established to focus investigation and interim remedial action on localized areas of significant contamination concurrently with the basinwide RI and FS. Records of decision (RODs) have been signed for each of these OUs, one for North Hollywood in 1987 and one for Burbank in 1989. In addition, the USEPA has identified two OUs within the Glendale Study Area. In 1990, the LADWP was designated by USEPA as the lead agency to conduct an RI and an FS for the Glendale Study Area. The RI for the Glendale Study Area was completed in January 1992; separate FSs were completed during 1992 (JMM, 1992b; JMM, 1992h) for two areas of contamination within the Glendale Study Area.

#### **1.4 REPORT ORGANIZATION**

Section 1.0 of this report briefly presented the purpose of the remedial investigation and previous RI/FS activities within the San Fernando Valley. Section 2.0 describes the study area investigation, which includes discussions of the area's physiography, land use, demography, and water supply; describes the RI activities; and summarizes the data collected. Section 3.0 describes regional and study area-specific geology of the San Fernando Valley. The hydrology of the ULARA, including the Verdugo Basin and specifically the San Fernando Basin is discussed in Section 4.0. Section 5.0 discusses the hydrogeology of the San Fernando Basin, including aquifer characteristics, groundwater levels and flow velocities, and vertical and horizontal hydraulic gradients. The Verdugo Basin hydrogeologic conditions are also discussed in Section 5.0. Section 6.0 presents the three-dimensional groundwater flow model prepared for the San Fernando Basin. The current nature and extent of groundwater contamination on a regional scale found in the San Fernando and Verdugo basins is discussed in Section 7.0.

Section 8.0 discusses the regulatory requirements that have been identified for the RI. Section 9.0 presents an evaluation of the mechanisms affecting the fate and transport of compounds on a regional scale. Section 10.0 presents the results of a baseline risk assessment for the San Fernando Valley Study Area, based on the identified compounds of concern, exposure pathways, and toxicity of these compounds. A summary of the findings and conclusions are presented in Section 11.0.

## **2.0 STUDY AREA INVESTIGATION**

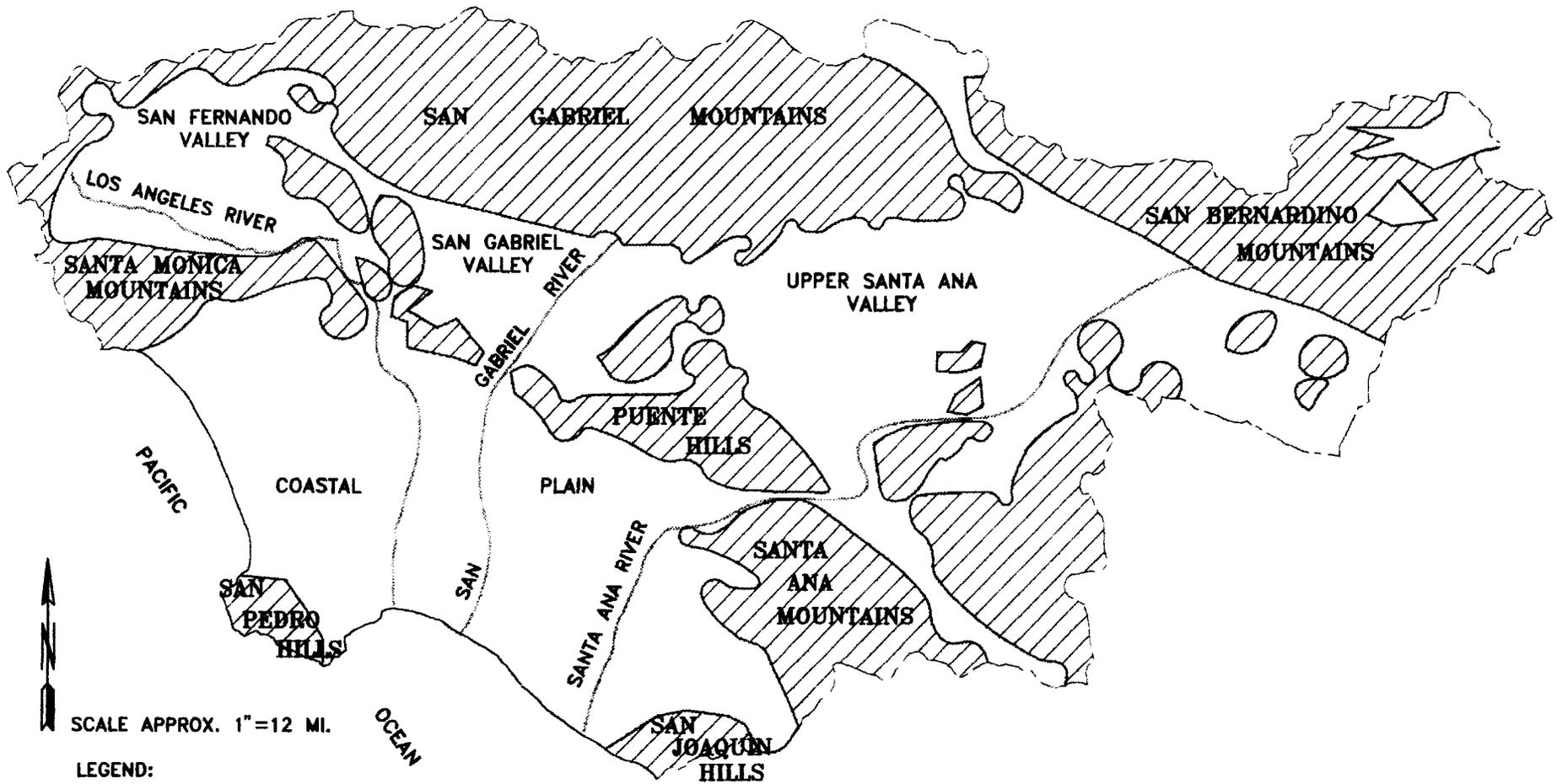
The San Fernando Valley Study Area investigation is presented in this section and provides general background information on the study area and describes field investigation activities that were conducted as part of the RI. Sections 2.1 through 2.4 describe the physiography, land use, demography, and groundwater extraction of the study area. Section 2.1 provides the regional physical setting for subsequent discussions of site geology, hydrology, and hydrogeology. Sections 2.2 through 2.4 provide background information on the current status of the study area and its inhabitants. Section 2.5 describes the field activities conducted as part of the RI, and Section 2.6 provides a summary of the data collected. A summary of other data collected outside of the RI and used in subsequent sections of this report is briefly discussed in Section 2.7.

### **2.1 PHYSIOGRAPHY**

The South Coastal Basin of California has four major physiographic divisions within its watershed: the Coastal Plain, the hills and low mountains around the Coastal Plain, the three inland alluvial valleys, and the high mountain ranges that border the alluvial valleys (Figure 2-1). The three inland valleys are the San Fernando Valley, the San Gabriel Valley, and the Upper Santa Ana Valley. The San Fernando Valley is the focus of this investigation.

In general, permeable alluvial deposits are predominant in all three inland valleys of the South Coastal Basin. The valleys are underlain and surrounded by relatively impermeable rock, forming structural basins. Each valley contains a complex buildup of coalescing alluvial fans deposited by streams that drain the surrounding mountains and hills. Rainfall on the valley floor and run-off from the surrounding high terrain provide the native groundwater recharge that makes these structural basins natural groundwater reservoirs.

The San Fernando Valley is the valley fill area within the sediment boundary shown in Figure 2-2. The hydrologic boundaries of the ULARA encompass the entire watershed of the Los



SCALE APPROX. 1"=12 MI.

LEGEND:

 WATERSHED BOUNDARY

 MOUNTAINS

REMEDIAL INVESTIGATION  
of Groundwater Contamination  
in the San Fernando Valley

**FIGURE 2-1**  
**SOUTH COASTAL BASIN OF SOUTHERN CALIFORNIA**

SOURCE: Eckis, 1934. PLATE E  
(Bulletin 45)

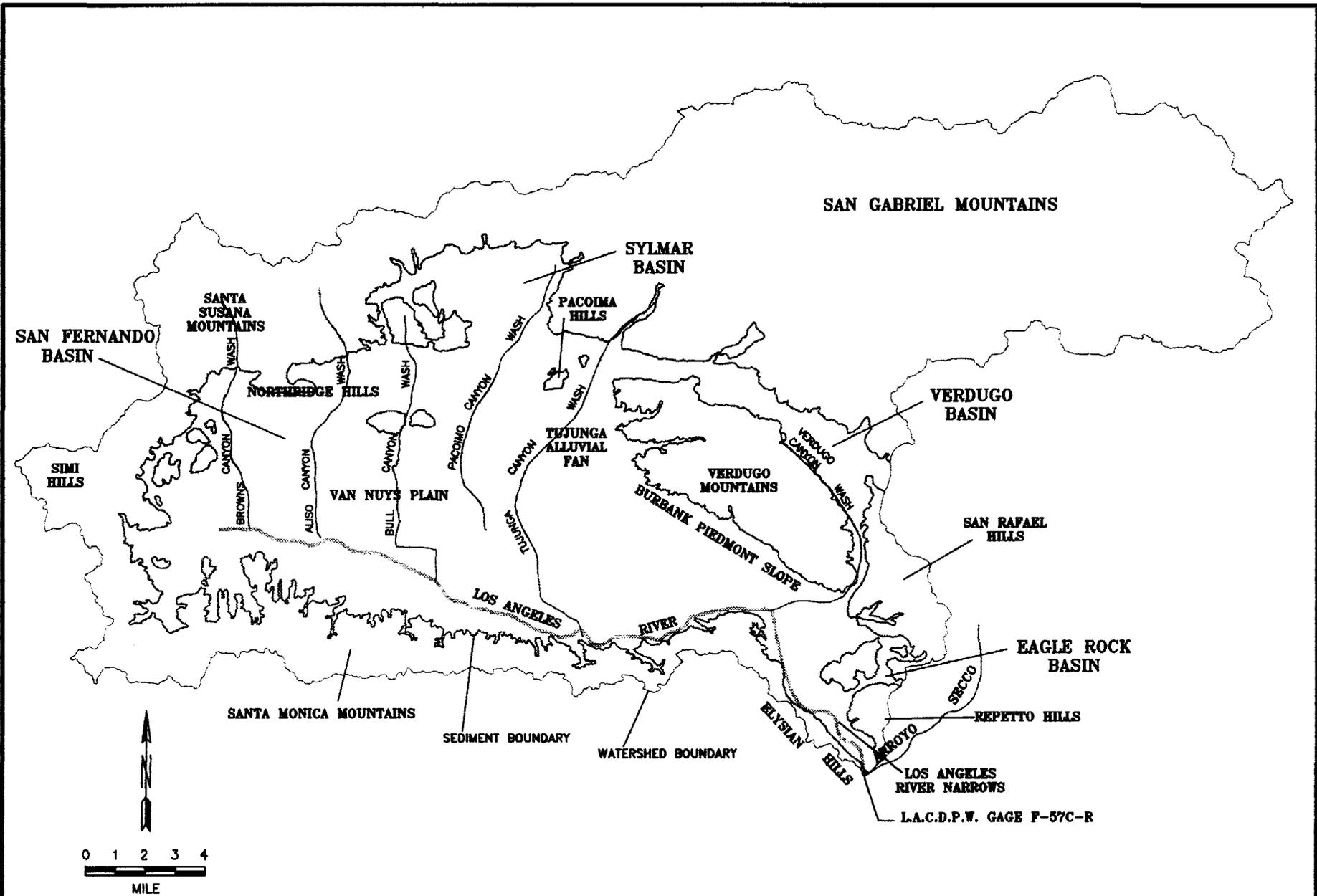


FIGURE 2-2  
SAN FERNANDO VALLEY WATERSHED WITH  
MAJOR PHYSIOGRAPHIC FEATURES AND GROUNDWATER BASINS

REMEDIAL INVESTIGATION  
of Groundwater Contamination  
in the San Fernando Valley

Angeles River and its tributaries upstream of the junction of the Los Angeles River and the Arroyo Seco (Los Angeles County Department of Public Works [LACDPW] Gaging Station F-57C-R). The ULARA encompasses a total of 328,500 acres, where 122,800 acres are groundwater basins and the remaining 205,700 acres are hills and mountains. Within the San Fernando Valley, there are four separate groundwater basins: the San Fernando, Sylmar, Verdugo, and Eagle Rock basins (Figure 2-2). The San Fernando Basin is the largest of the four basins, comprising 112,000 acres, or 91.2 percent, of the total valley fill area. The Sylmar, Verdugo and Eagle Rock basins make up the remaining 10,800 acres, or 8.8 percent, of the total valley fill area. The four groundwater basins are hydrogeologically distinct, although the San Fernando Basin receives a small amount of subsurface flow from the Sylmar and Verdugo basins.

The San Fernando Basin is approximately 23 miles long in an east-west direction and approximately half as wide from north to south (Figure 2-3). Mountains and hills surround the valley: the San Gabriel Mountains on the north and northeast, rising to an elevation of 7,124 feet above mean sea level (msl); the Santa Susana Mountains on the northwest, rising to nearly 3,800 feet above msl; the Santa Monica Mountains on the south, peaking at 1,961 feet above msl; the Simi Hills on the west; and the San Rafael and Repetto hills on the southeast. Chatsworth Peak, which is about 1.5 miles from the western edge of the basin, is 2,314 feet above msl. The Verdugo Mountains separate the San Fernando Basin from the Verdugo Basin (Sunland-La Crescenta area).

In comparison to the surrounding mountains, which rise abruptly at the valley edges, the valley floor of the San Fernando Basin slopes gently to the southeast (Figure 2-3). The ground surface elevations slope from a high of approximately 1,100 feet above msl in the northwest to a low of 293 feet above msl at the basin outlet in the southeast. The change in ground-surface elevation in the east is approximately 50 feet per mile (0.0095 foot/foot) in a nearly due-south direction.



Source: USGS; Topographic Map of Los Angeles with scale of 1:250,000, 1975

FIGURE 2-3

**TOPOGRAPHY OF THE SAN FERNANDO VALLEY  
AND SURROUNDING AREAS**

REMEDIAL INVESTIGATION  
of Groundwater Contamination  
in the San Fernando Valley

The Van Nuys Plain constitutes a major portion of the San Fernando Basin floor, extending from the Santa Susana and San Gabriel mountains surrounding the northern side of the valley to the Santa Monica Mountains along the southern side of the valley. The central portion of the valley is undergoing active alluvial deposition, from the surrounding hill and mountains, with little stream activity to carry debris out of the basin.

The Verdugo Basin floor also is undergoing active deposition. Because the Verdugo Basin is structurally steep and narrow, the alluvial fans that make up the valley floor are also steep. The ground-surface elevation ranges from about 2,000 feet above msl at the northern boundary with the San Gabriel Mountains to about 800 feet above msl near the mouth of the basin, over a distance of about 5 miles resulting in a slope of roughly 240 feet per mile (0.046 foot/foot). The basin is drained by the Verdugo Wash which collects runoff from the canyons issuing from the surrounding hills and mountains and joins with the Los Angeles River at the north end of the Los Angeles River Narrows.

Other important physiographic features in the San Fernando Valley include the Los Angeles River and the many streams and washes that drain the surrounding mountains. The Los Angeles River flows through the San Fernando Basin from west to east, and turns south between the Santa Monica Mountains and the Repetto Hills. The topographic constriction in the southern reach of the river is the Los Angeles River Narrows (Figure 2-2). Several streams or washes discharge into the Los Angeles River, which flows along the southern boundary of the valley and flows out of the basin through the Los Angeles River Narrows. These are the tributary washes that drain the Big Tujunga, Little Tujunga, Pacoima, Aliso, Browns, Bull, and Arroyo Calabajas canyons. Erosion from the portions of the watershed surrounding the Tujunga wash has constructed the Tujunga alluvial fan that dominates the San Fernando Basin.

The Burbank Piedmont Slope (Figure 2-2) is another important physiographic feature in the San Fernando Valley Study Area. The Burbank Piedmont Slope resulted from the buildup of coalescing alluvial fan deposits from the southwest side of the Verdugo Mountains. These deposits are more weathered and are topographically steeper than the Van Nuys Plain. The

advanced weathering suggests that the Burbank Piedmont Slope is older than the surface deposits of the Van Nuys Plain.

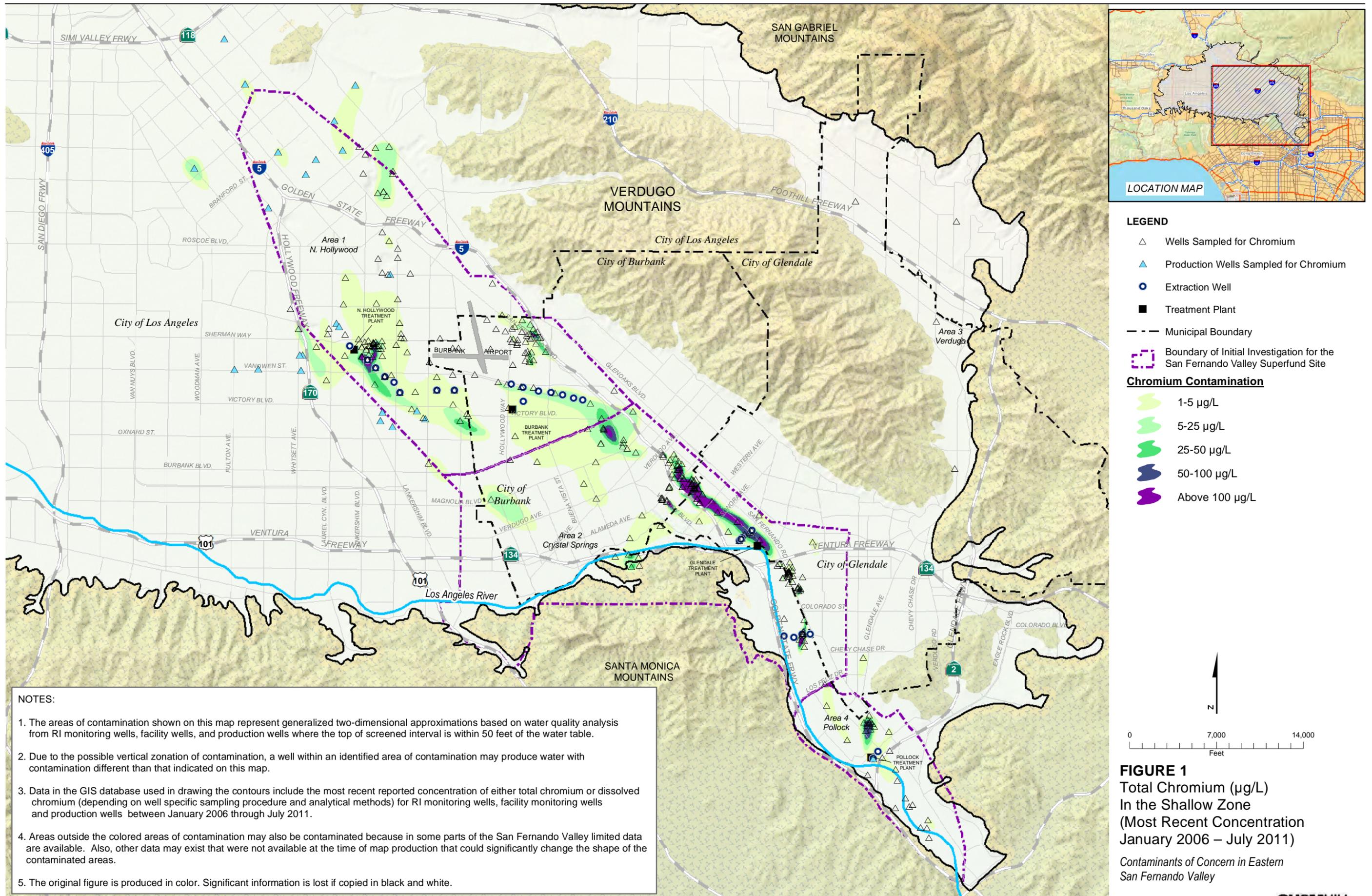
## **2.2 LAND USE**

One of the purposes of the RI is to assess the health risks associated with the groundwater contamination in the study area. As part of that assessment, potential receptor populations are identified with both land use, presented here, and demography, which is presented in Section 2.3.

The San Fernando Valley Study Area encompasses an area of mixed land use. Figure 2-4 shows the general land use in the study area; it has been simplified from Department of Water Resources (DWR) 1984 Land Use Maps into these seven general categories (USEPA, 1992a):

- Residential - urban residential, suburban residential, rural residential, and condominiums.
- Commercial - urban commercial, rural commercial, and business/industrial park uses
- Industrial - all urban industrial sites
- Agricultural - land currently used for agriculture or grazing and land used for agriculture in the past that is currently unused or partially used
- Open space - native vegetation, recreational sites, parks, lawns, and barren land
- Water bodies - lakes, reservoirs, and rivers
- Freeways/Paved areas - land covered by freeways, parking lots, roads, paved flood control channels and airports

These categories provide background information on the current status of the land use in the study area.



**NOTES:**

1. The areas of contamination shown on this map represent generalized two-dimensional approximations based on water quality analysis from RI monitoring wells, facility wells, and production wells where the top of screened interval is within 50 feet of the water table.
2. Due to the possible vertical zonation of contamination, a well within an identified area of contamination may produce water with contamination different than that indicated on this map.
3. Data in the GIS database used in drawing the contours include the most recent reported concentration of either total chromium or dissolved chromium (depending on well specific sampling procedure and analytical methods) for RI monitoring wells, facility monitoring wells and production wells between January 2006 through July 2011.
4. Areas outside the colored areas of contamination may also be contaminated because in some parts of the San Fernando Valley limited data are available. Also, other data may exist that were not available at the time of map production that could significantly change the shape of the contaminated areas.
5. The original figure is produced in color. Significant information is lost if copied in black and white.

**LEGEND**

- △ Wells Sampled for Chromium
- ▲ Production Wells Sampled for Chromium
- Extraction Well
- Treatment Plant
- - - Municipal Boundary
- Boundary of Initial Investigation for the San Fernando Valley Superfund Site

**Chromium Contamination**

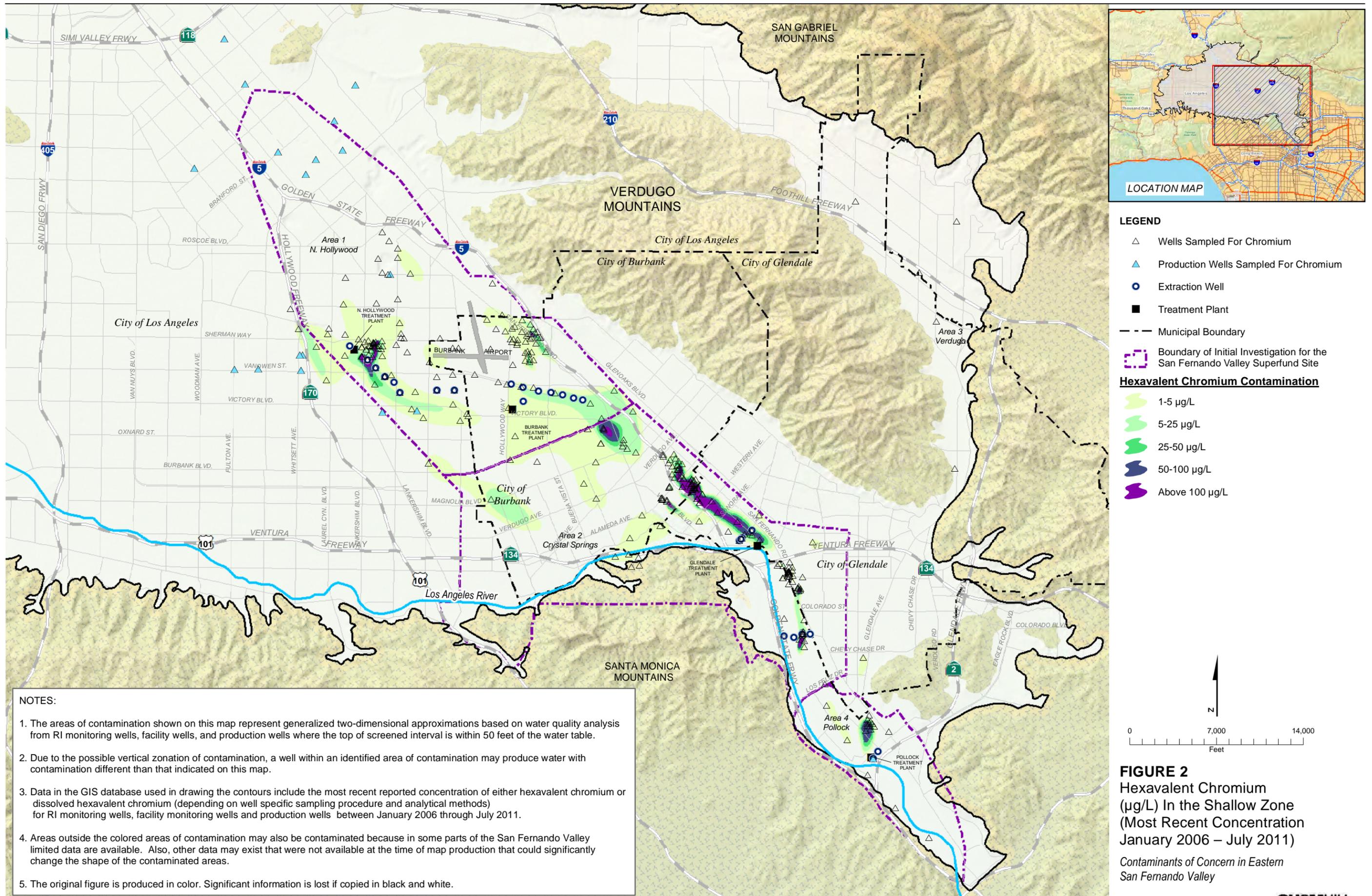
- 1-5 µg/L
- 5-25 µg/L
- 25-50 µg/L
- 50-100 µg/L
- Above 100 µg/L

0 7,000 14,000  
Feet

N

**FIGURE 1**  
Total Chromium (µg/L)  
In the Shallow Zone  
(Most Recent Concentration  
January 2006 – July 2011)

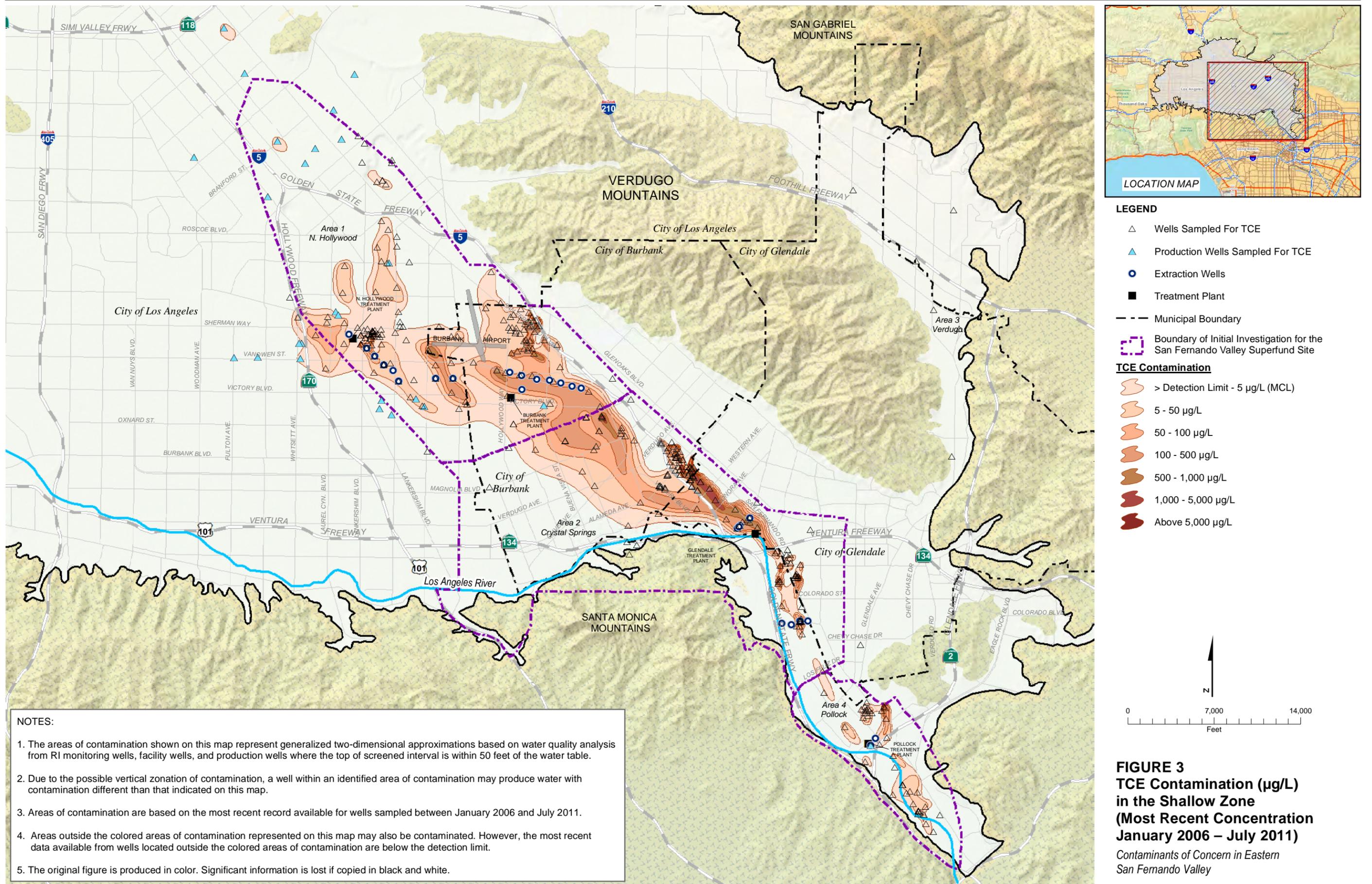
Contaminants of Concern in Eastern  
San Fernando Valley

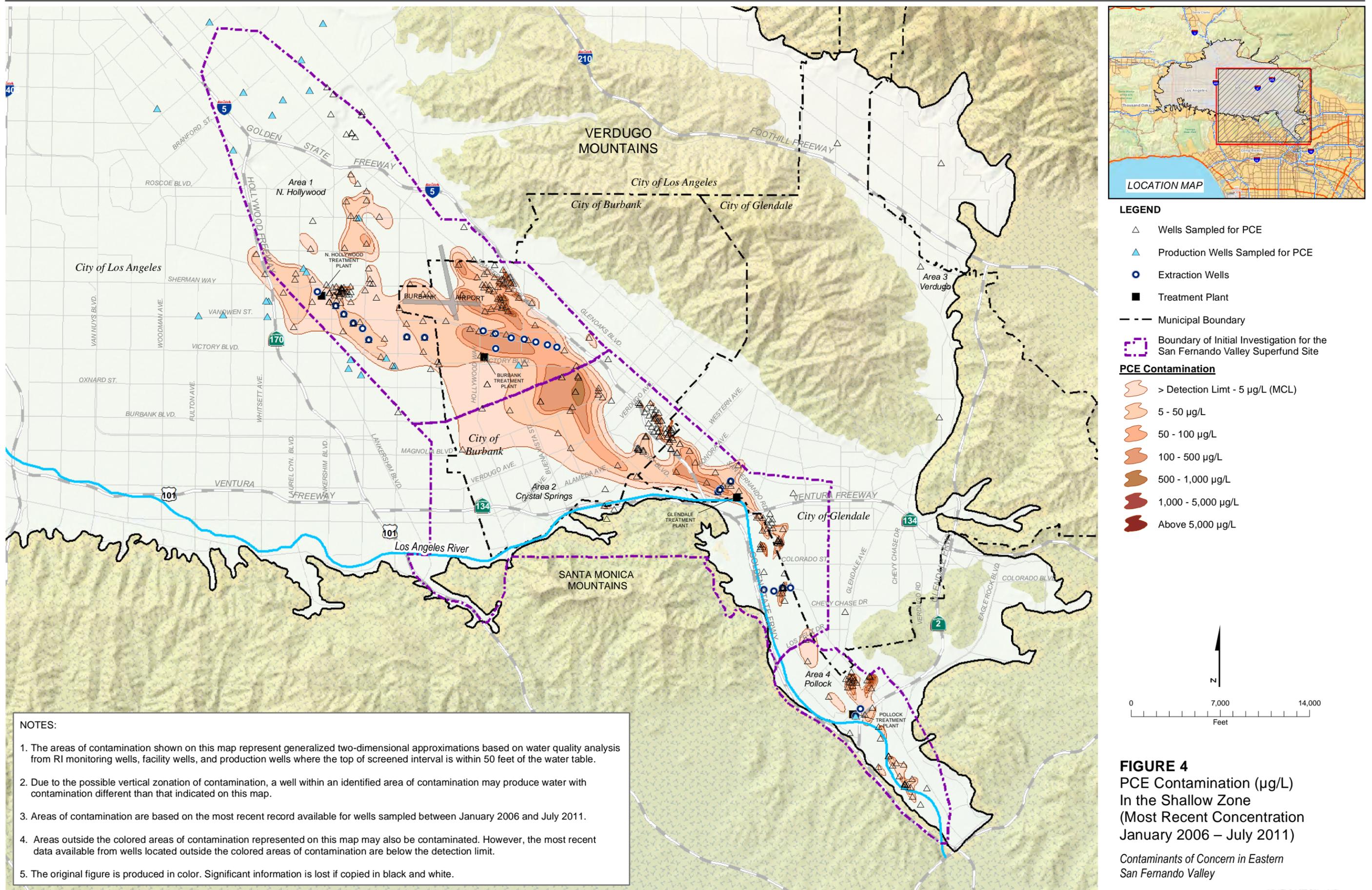


**NOTES:**

1. The areas of contamination shown on this map represent generalized two-dimensional approximations based on water quality analysis from RI monitoring wells, facility wells, and production wells where the top of screened interval is within 50 feet of the water table.
2. Due to the possible vertical zonation of contamination, a well within an identified area of contamination may produce water with contamination different than that indicated on this map.
3. Data in the GIS database used in drawing the contours include the most recent reported concentration of either hexavalent chromium or dissolved hexavalent chromium (depending on well specific sampling procedure and analytical methods) for RI monitoring wells, facility monitoring wells and production wells between January 2006 through July 2011.
4. Areas outside the colored areas of contamination may also be contaminated because in some parts of the San Fernando Valley limited data are available. Also, other data may exist that were not available at the time of map production that could significantly change the shape of the contaminated areas.
5. The original figure is produced in color. Significant information is lost if copied in black and white.

**FIGURE 2**  
 Hexavalent Chromium  
 (µg/L) In the Shallow Zone  
 (Most Recent Concentration  
 January 2006 – July 2011)  
 Contaminants of Concern in Eastern  
 San Fernando Valley

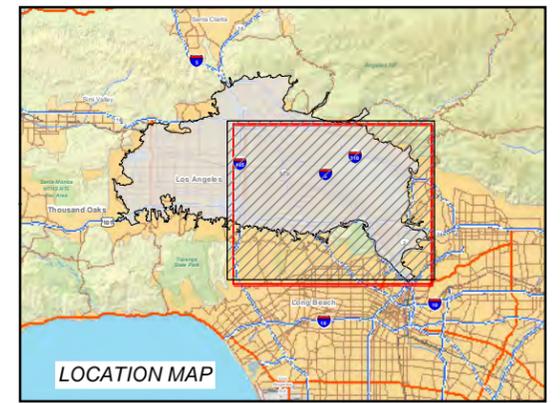
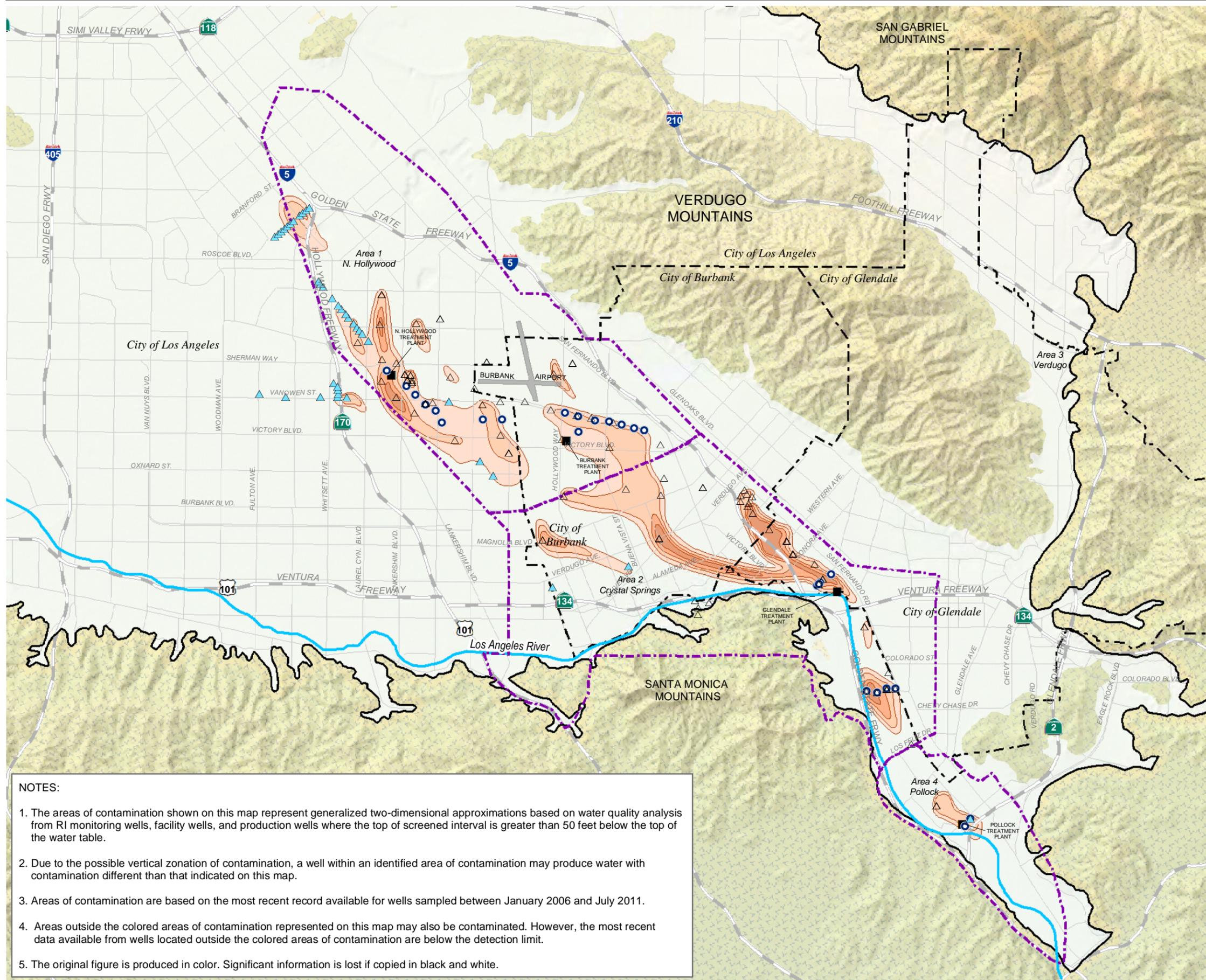




**NOTES:**

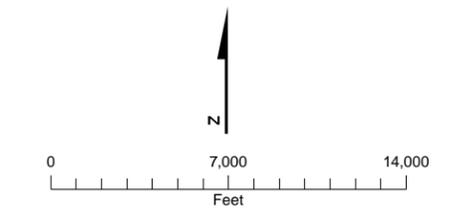
1. The areas of contamination shown on this map represent generalized two-dimensional approximations based on water quality analysis from RI monitoring wells, facility wells, and production wells where the top of screened interval is within 50 feet of the water table.
2. Due to the possible vertical zonation of contamination, a well within an identified area of contamination may produce water with contamination different than that indicated on this map.
3. Areas of contamination are based on the most recent record available for wells sampled between January 2006 and July 2011.
4. Areas outside the colored areas of contamination represented on this map may also be contaminated. However, the most recent data available from wells located outside the colored areas of contamination are below the detection limit.
5. The original figure is produced in color. Significant information is lost if copied in black and white.

**FIGURE 4**  
**PCE Contamination (µg/L)**  
**In the Shallow Zone**  
**(Most Recent Concentration**  
**January 2006 – July 2011)**  
*Contaminants of Concern in Eastern*  
*San Fernando Valley*



- LEGEND**
- △ Wells Sampled For TCE
  - ▲ Production Wells Sampled For TCE
  - Extraction Wells
  - Treatment Plant
  - - - Municipal Boundary
  - ⬡ Boundary of Initial Investigation for the San Fernando Valley Superfund Site

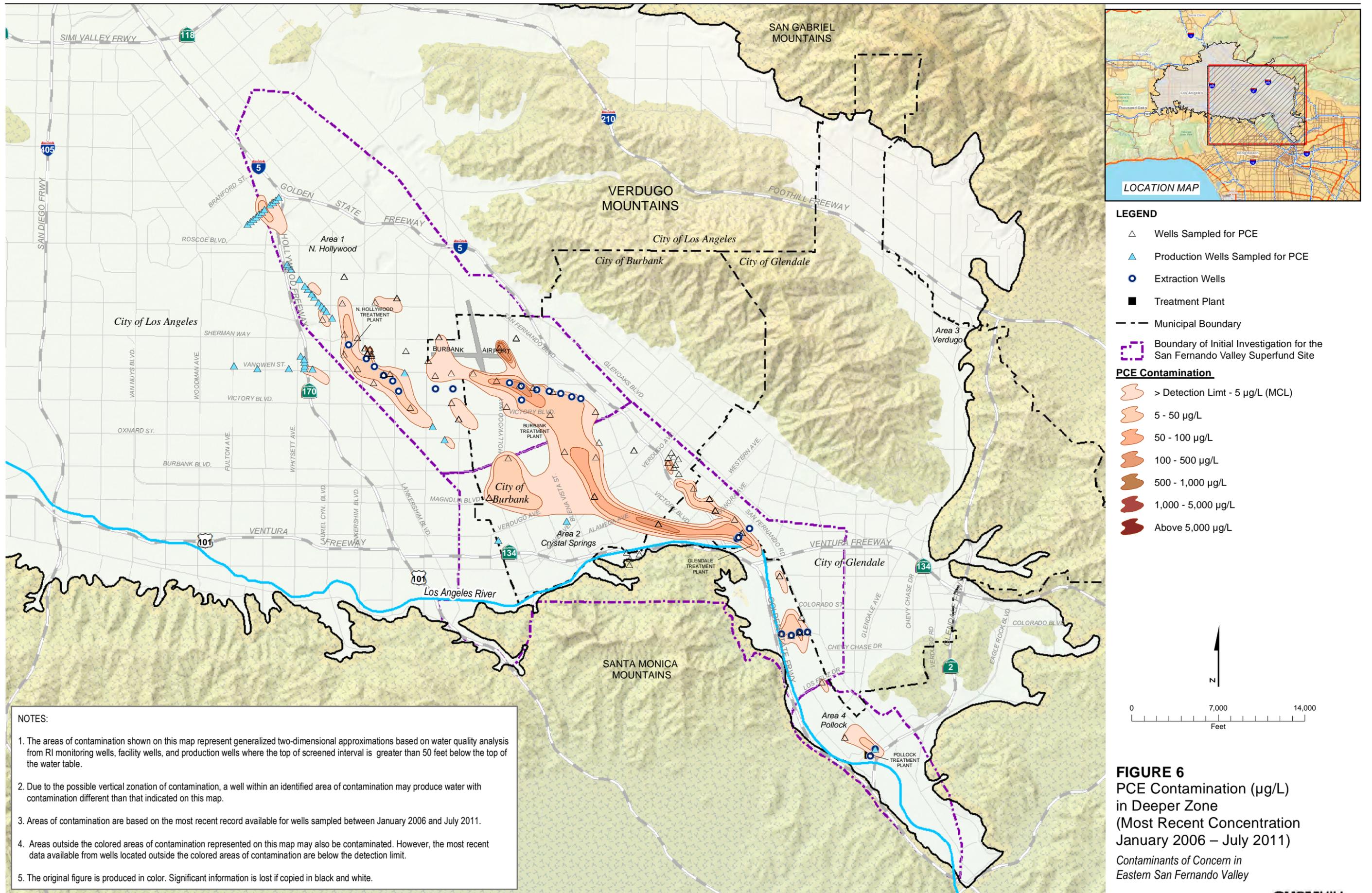
- TCE Contamination**
- <img alt="lightest orange swatch" data-bbox="800 435 815 450"/> > Detection Limit - 5 µg/L (MCL)
  - <img alt="light orange swatch" data-bbox="800 455 815 470"/> 5 - 50 µg/L
  - <img alt="medium orange swatch" data-bbox="800 475 815 490"/> 50 - 100 µg/L
  - <img alt="darker orange swatch" data-bbox="800 495 815 510"/> 100 - 500 µg/L
  - <img alt="dark orange swatch" data-bbox="800 515 815 530"/> 500 - 1,000 µg/L
  - <img alt="dark red-orange swatch" data-bbox="800 535 815 550"/> 1,000 - 5,000 µg/L
  - <img alt="darkest red-orange swatch" data-bbox="800 555 815 570"/> Above 5,000 µg/L

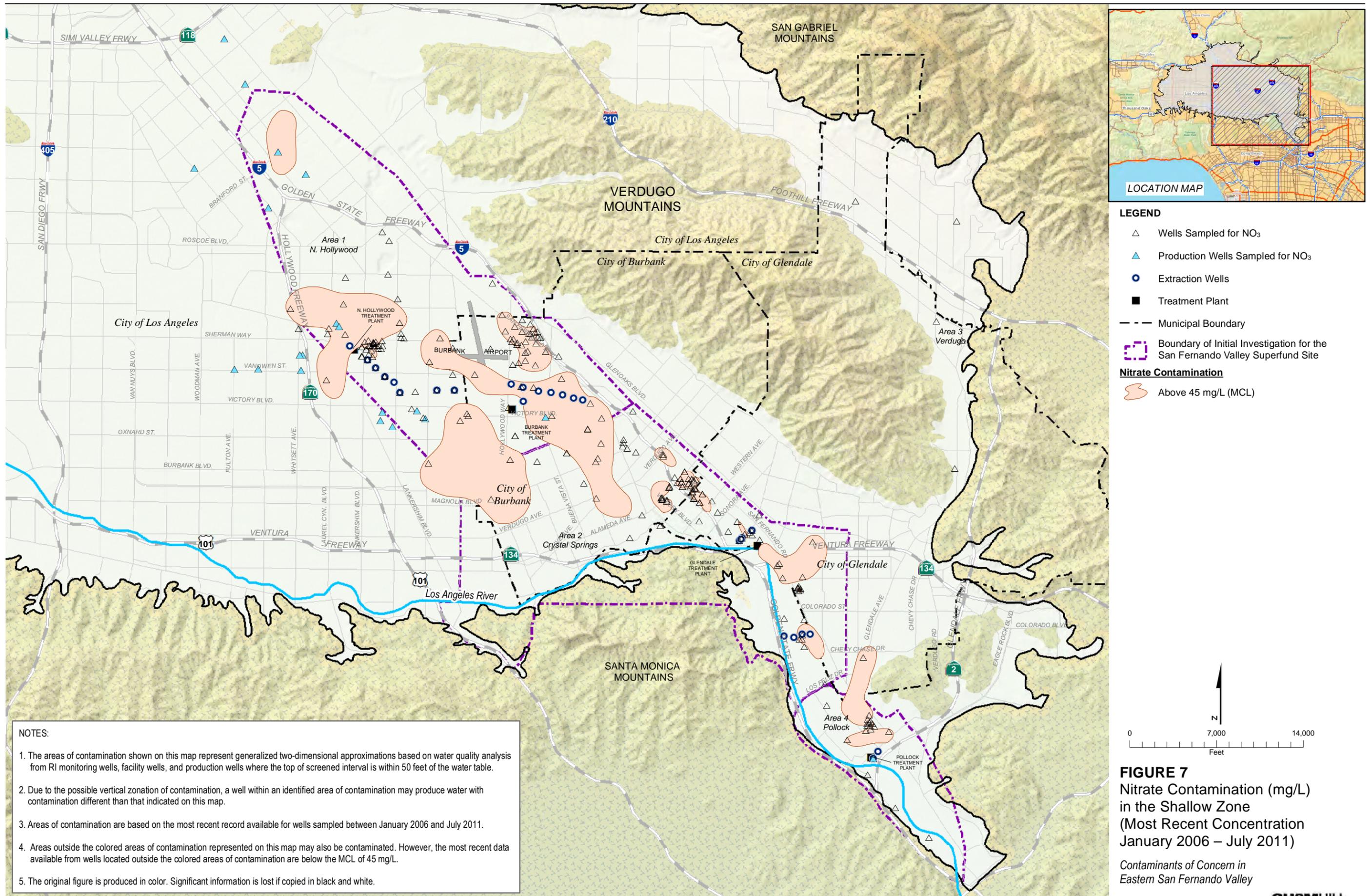


**NOTES:**

1. The areas of contamination shown on this map represent generalized two-dimensional approximations based on water quality analysis from RI monitoring wells, facility wells, and production wells where the top of screened interval is greater than 50 feet below the top of the water table.
2. Due to the possible vertical zonation of contamination, a well within an identified area of contamination may produce water with contamination different than that indicated on this map.
3. Areas of contamination are based on the most recent record available for wells sampled between January 2006 and July 2011.
4. Areas outside the colored areas of contamination represented on this map may also be contaminated. However, the most recent data available from wells located outside the colored areas of contamination are below the detection limit.
5. The original figure is produced in color. Significant information is lost if copied in black and white.

**FIGURE 5**  
**TCE Contamination (µg/L)**  
**in the Deeper Zone**  
**(Most Recent Concentration**  
**January 2006 – July 2011)**  
*Contaminants of Concern in*  
*Eastern San Fernando Valley*





**NOTES:**

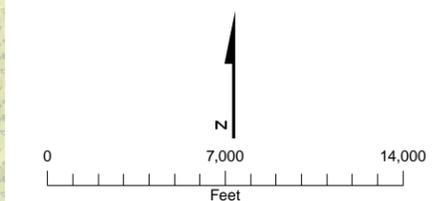
1. The areas of contamination shown on this map represent generalized two-dimensional approximations based on water quality analysis from RI monitoring wells, facility wells, and production wells where the top of screened interval is within 50 feet of the water table.
2. Due to the possible vertical zonation of contamination, a well within an identified area of contamination may produce water with contamination different than that indicated on this map.
3. Areas of contamination are based on the most recent record available for wells sampled between January 2006 and July 2011.
4. Areas outside the colored areas of contamination represented on this map may also be contaminated. However, the most recent data available from wells located outside the colored areas of contamination are below the MCL of 45 mg/L.
5. The original figure is produced in color. Significant information is lost if copied in black and white.

**LEGEND**

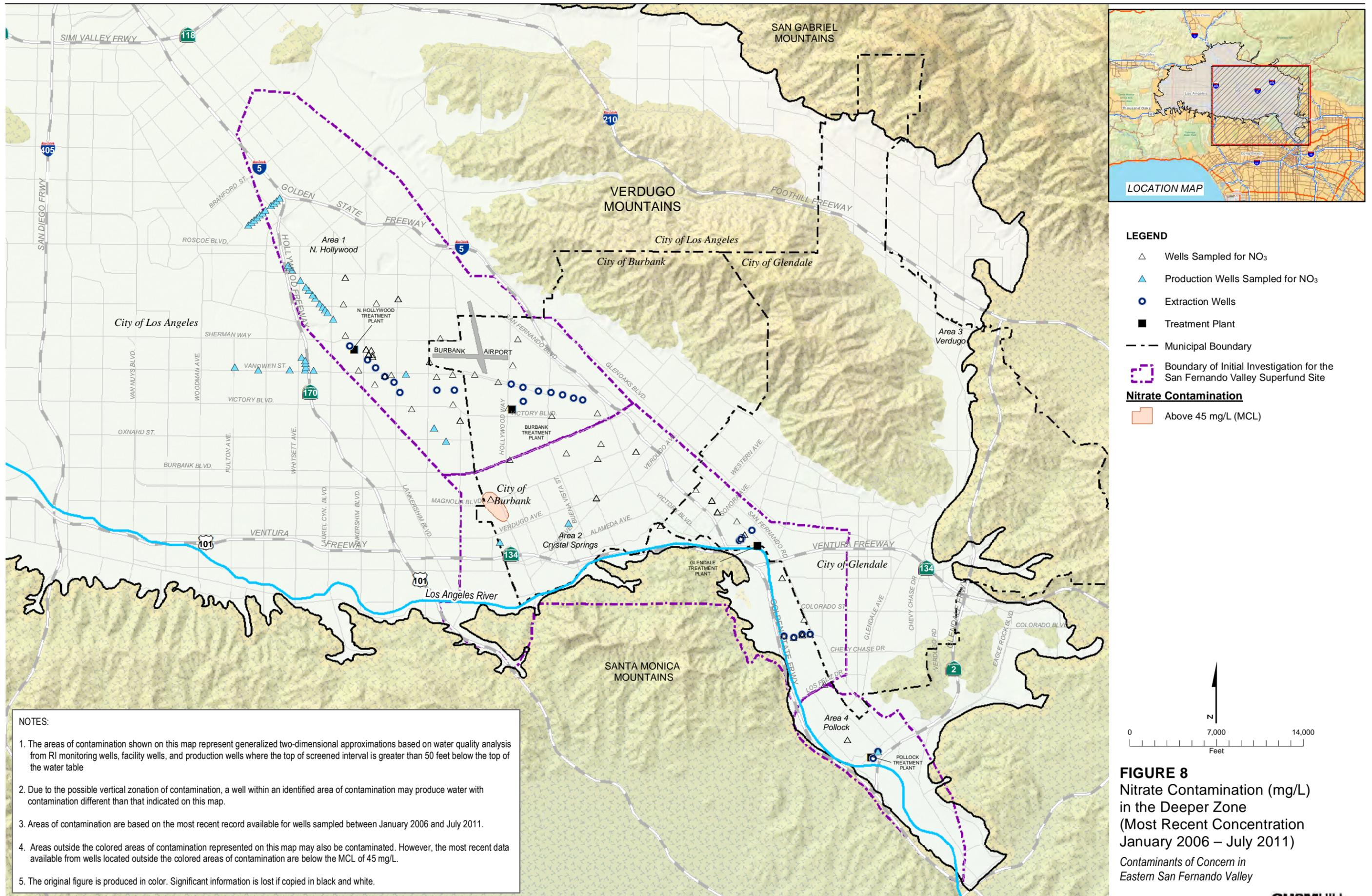
- △ Wells Sampled for NO<sub>3</sub>
- ▲ Production Wells Sampled for NO<sub>3</sub>
- Extraction Wells
- Treatment Plant
- - - Municipal Boundary
- ⬡ Boundary of Initial Investigation for the San Fernando Valley Superfund Site

**Nitrate Contamination**

- Orange shaded area: Above 45 mg/L (MCL)



**FIGURE 7**  
 Nitrate Contamination (mg/L) in the Shallow Zone (Most Recent Concentration January 2006 – July 2011)  
 Contaminants of Concern in Eastern San Fernando Valley



NOTES:

1. The areas of contamination shown on this map represent generalized two-dimensional approximations based on water quality analysis from RI monitoring wells, facility wells, and production wells where the top of screened interval is greater than 50 feet below the top of the water table
2. Due to the possible vertical zonation of contamination, a well within an identified area of contamination may produce water with contamination different than that indicated on this map.
3. Areas of contamination are based on the most recent record available for wells sampled between January 2006 and July 2011.
4. Areas outside the colored areas of contamination represented on this map may also be contaminated. However, the most recent data available from wells located outside the colored areas of contamination are below the MCL of 45 mg/L.
5. The original figure is produced in color. Significant information is lost if copied in black and white.

**FIGURE 8**  
 Nitrate Contamination (mg/L)  
 in the Deeper Zone  
 (Most Recent Concentration  
 January 2006 – July 2011)  
 Contaminants of Concern in  
 Eastern San Fernando Valley

**SECOND FIVE-YEAR REVIEW REPORT**  
**FOR**  
**SAN FERNANDO VALLEY (AREA 1) SUPERFUND SITE**  
**NORTH HOLLYWOOD AND BURBANK, LOS ANGELES COUNTY**  
**CALIFORNIA**



PREPARED BY  
United States Army Corps of Engineers  
Seattle District  
Seattle, Washington

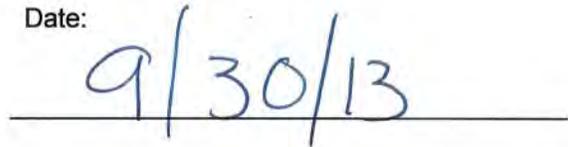
Approved by:



Kathleen Salyer  
Assistant Director, Superfund Division  
California Site Cleanup Branch

U.S. Environmental Protection Agency Region IX

Date:



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# Executive Summary

The purpose of this Five-Year Review is to determine if the remedies at the San Fernando Valley (SFV) Area 1 Superfund Site (Site) in North Hollywood and Burbank, Los Angeles County, California are protective of human health and the environment. The triggering action for this Five-Year Review (FYR) was the signing of the previous FYR on September 30, 2008. The SFV Area 1 Site consists of two operable units (OUs): the North Hollywood Operable Unit (NHOU) and the Burbank Operable Unit (BOU). There have been three five-year review reports for the NHOU, one five-year review report for the BOU, and one combined five year report in 2008. The SFV Area 1 Site encompasses approximately 13 square miles beneath the Cities of North Hollywood and Burbank in the eastern SFV within the Upper Los Angeles River Area (ULARA).

In 1979, as a result of the passage of Assembly Bill 1803, the California Department of Public Health (CDPH), formerly Department of Health Services (DHS) requested that all major water providers sample and analyze groundwater for contamination as part of a statewide groundwater quality surveillance effort. Trichloroethene (TCE) and perchloroethene (PCE) were consistently detected in a larger number of production wells in the SFV at concentrations greater than the maximum contaminant level (MCL). The source of PCE, TCE, and other solvents was from decades of improper disposal of industrial chemicals from local aerospace and manufacturing facilities. Chromium levels above the MCL were first observed in NHOU groundwater in 1999 in NHOU well NHE-2 and in BOU groundwater in 1997. Chromium was used in the metal-plating and aerospace industries (metal fabrication) from the 1940s through the 1980s. The SFV Area 1 Site was listed on the National Priorities List (NPL) in July 1986.

## **North Hollywood OU**

The Record of Decision (ROD) for the NHOU was signed in September 1987. The selected interim remedy addressed volatile organic compound (VOC)-contaminated groundwater in the North Hollywood area. The remedial action objective (RAO) for the NHOU presented in the 1987 ROD is to “slow down or arrest the migration of the contamination plume at the North Hollywood-Burbank Well Field...” The ROD selected groundwater extraction, treatment of VOCs by air stripping, disinfection with chlorine, and conveyance to the North Hollywood Pumping Station Complex, where it is blended with water from the Los Angeles Aqueduct Filtration Plant, water purchased from the Metropolitan Water District (MWD), and groundwater from other pumping fields in the vicinity of the NHOU that are operated by the Los Angeles Department of Water and Power, prior to being served to consumers. The VOCs in air emissions from the air stripper are treated with vapor-phase granular activated carbon (VPGAC) prior to discharge to the atmosphere. Construction of the original treatment system was completed March 1989, and operation commenced December 1989.

The NHOU extraction and treatment system is currently not functioning as intended by the decision documents. The NHOU treatment facility has suffered frequent and sometimes long duration shutdowns that have limited its ability to slow down migration of contaminated groundwater.

The Second Interim ROD for the NHOU was signed in September 2009, which selected a remedy that improves plume capture and addresses newly identified contaminants in the aquifer, including hexavalent chromium and 1,4 dioxane. The containment remedy will address contaminated groundwater using an expanded extraction well network and a newly designed treatment facility. This latest remedy is intended to capture VOCs and chromium in the Shallow and Deep Zone groundwater.

The Remedial Action Objectives for the remedy presented in the 2009 ROD were as follows: 1) Prevent exposure to contaminated groundwater with contaminant concentrations above acceptable risk levels; 2) contain areas of contaminated groundwater with concentrations that exceed the MCLs and notification levels to the maximum extent practicable; 3) prevent further degradation of water quality at the Rinaldi-Toluca and North Hollywood West production wells by preventing the migration toward these well fields of the more highly contaminated areas of the VOC plume located to the east/southeast; 4) achieve improved hydraulic containment to inhibit horizontal and vertical contaminant migration in groundwater from the more highly contaminated areas and depths of the aquifer to the less contaminated areas and depths of the aquifer, including the southeast portion of the NHOU in the vicinity of the Erwin and Whitnall production well fields; and, 5) remove contaminant mass from the aquifer.

The remedy selected 2009 ROD is in the remedial design phase and has not yet been constructed.

### **Burbank OU**

The ROD for the BOU was signed in June 1989. The selected interim remedy addressed the VOC-contaminated groundwater plume in the Burbank area. The remedial action selected for the BOU was designed to achieve two objectives: 1) Partially control the movement and spread of ground water contaminants in the Burbank OU area, while contributing to aquifer restoration at the SFV Area 1 Site; and, 2) address the public health threat posed by contamination of the City of Burbank's public water supply wells by providing residents in the area with a water supply that meets state and federal drinking water standards. Specifically, groundwater is pumped from extraction wells to the treatment plant where the VOCs are removed from groundwater by air stripping followed by a polishing step using liquid-phase granular activated carbon (LPGAC). The treated water is conveyed to the City of Burbank for municipal supply.

In addition to the ROD, the BOU is operated according to two Explanation of Significant Differences (ESDs). The first ESD for the BOU was signed in November 1990. This ESD allows for extracted groundwater with nitrate levels above the MCL to be blended with imported water in order to meet drinking water standards. A second ESD for the BOU was signed in February 1997. This ESD allows for an extraction rate of 9,000 gpm in place of the 12,000 gpm called for in the 1989 BOU ROD. The 2<sup>nd</sup> ESD also gives the City of Burbank the flexibility to pump at variable rates to achieve an annual average pumping rate of 9,000 gpm. Groundwater modeling studies and a recently conducted multi-well aquifer test suggest that containment might occur at rates less than 9,000 gpm. If an average annual pumping rate less than 9,000 gpm is to be used, BOU parties need to demonstrate such a rate achieves containment, and seek formal approval from EPA.

Phase I of BOU treatment system construction occurred from 1993 to 1994, and included the installation of seven extraction wells capable of producing a combined flow of 6,000 gpm. Phase I began operation in 1996. Phase II constructed additional infrastructure to allow for an increase in the groundwater extraction rate from 6,000 gpm to 9,000 gpm. In December 1997, construction of Phase II of the BOU was completed and operation commenced in 1998.

## **Protectiveness Statement**

The remedy at the NHOU is currently protective of human health and the environment because there is no exposure to untreated groundwater. The treatment system effluent contaminant concentrations are less than their regulatory cleanup goals and there are governmental controls in place that prevent exposure to untreated groundwater. However, to be protective in the long term, the existing treatment facility needs to be modified consistent with the remedy selected in the 2009 ROD, and chromium and 1,4 dioxane impacts to the remedy need to be addressed. The implementation of the selected remedy is in the design phase.

The remedy at the BOU is currently protective of human health and the environment because there is no exposure to untreated groundwater. There treatment system effluent contaminant concentrations are less than their regulatory cleanup goals and there are governmental controls in place that prevent exposure to untreated groundwater. There is uncertainty as to whether containment capture is being achieved since the BOU pumps at rates less than those prescribed in the 1997 ESD. In order to make a containment determination the facility must operate at an average annual rate of 9,000 gpm, or BOU parties must demonstrate that containment can be achieved at lower pumping rates.

Governmental controls in place at the Area 1 Site are effective in preventing exposure to contaminated groundwater. These controls include frequent sampling of treatment facility effluent, oversight of facility operations by both CDPH and EPA, and a court order that prevents any entity except the Cities of Los Angeles, Glendale, and Burbank from drilling wells in impacted area.

The California Department of Public Health (CDPH) released a draft MCL for hexavalent chromium of 10 ppb in August 2013. A new MCL for hexavalent chromium may affect the duration and effectiveness of the NHOU and BOU remedies and/or require additional treatment technology. The impacts of a California draft MCL are being evaluated by EPA, LADWP, Burbank, and other regulatory agencies.

There have been no changes in ARARs that would affect the protectiveness of either Area 1 remedies.

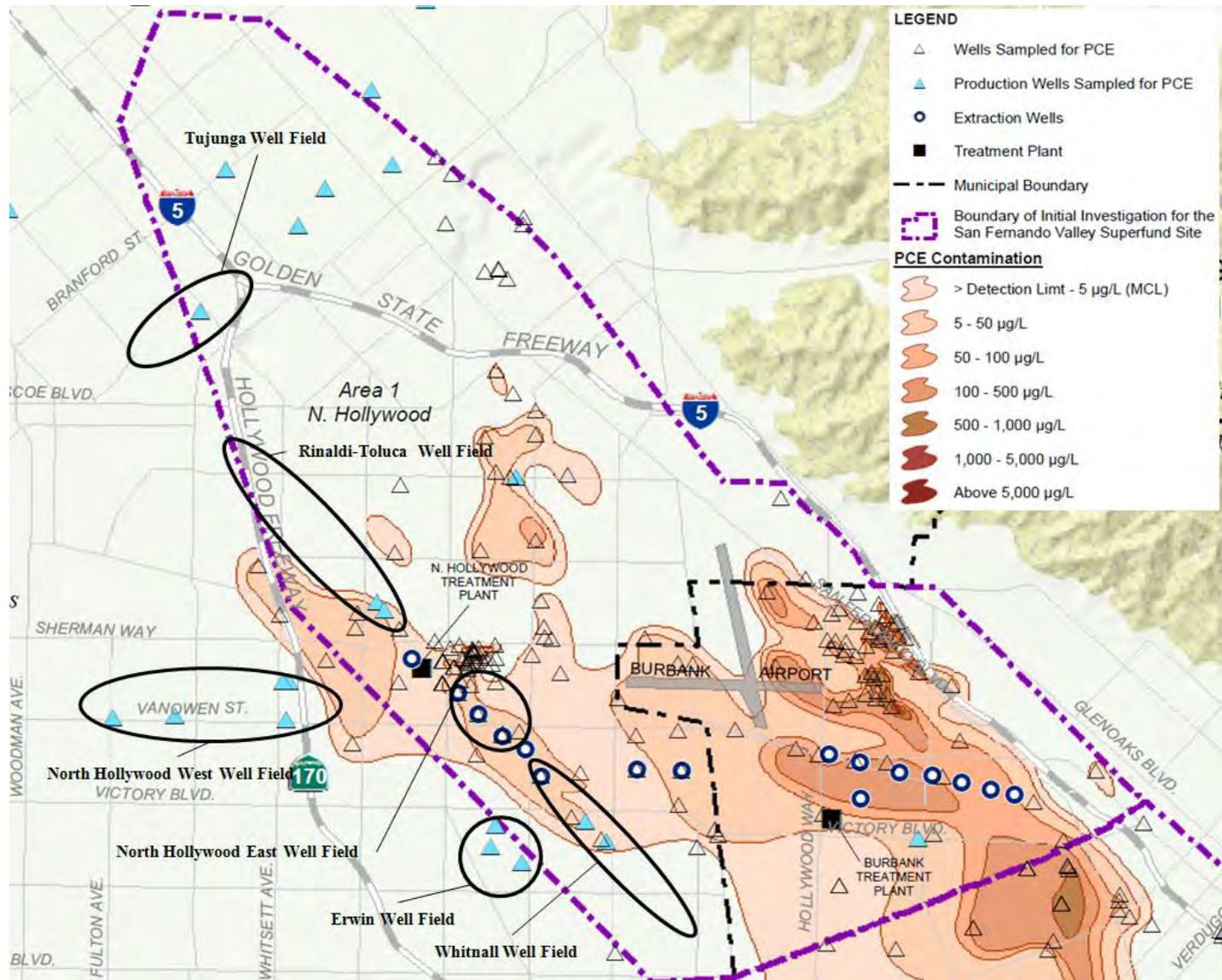


Figure 8. PCE in the Shallow Zone (Most Recent Concentration January 2006-2011)

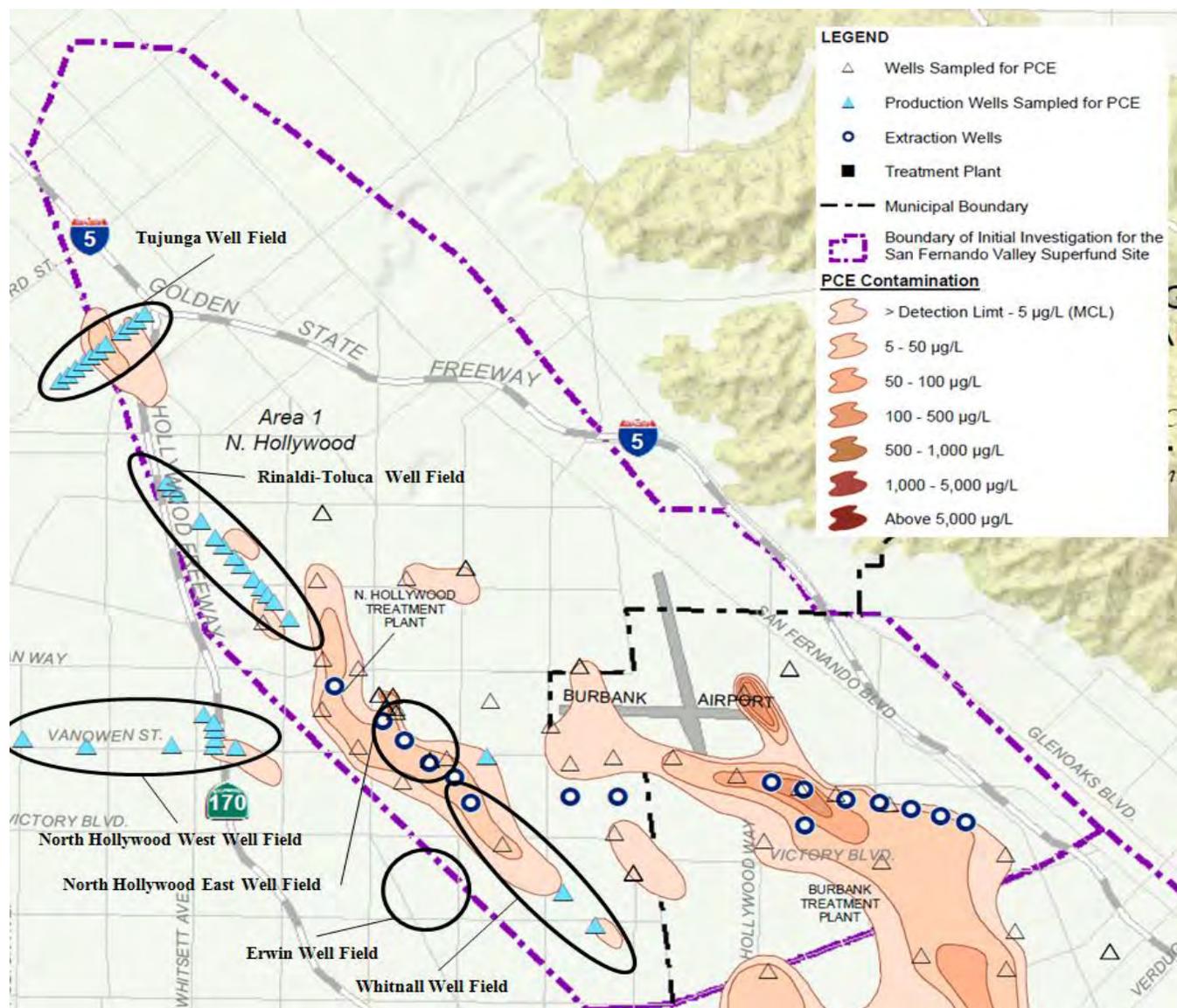


Figure 9. PCE in the Deeper Zone (Most Recent Concentration January 2006-2011)

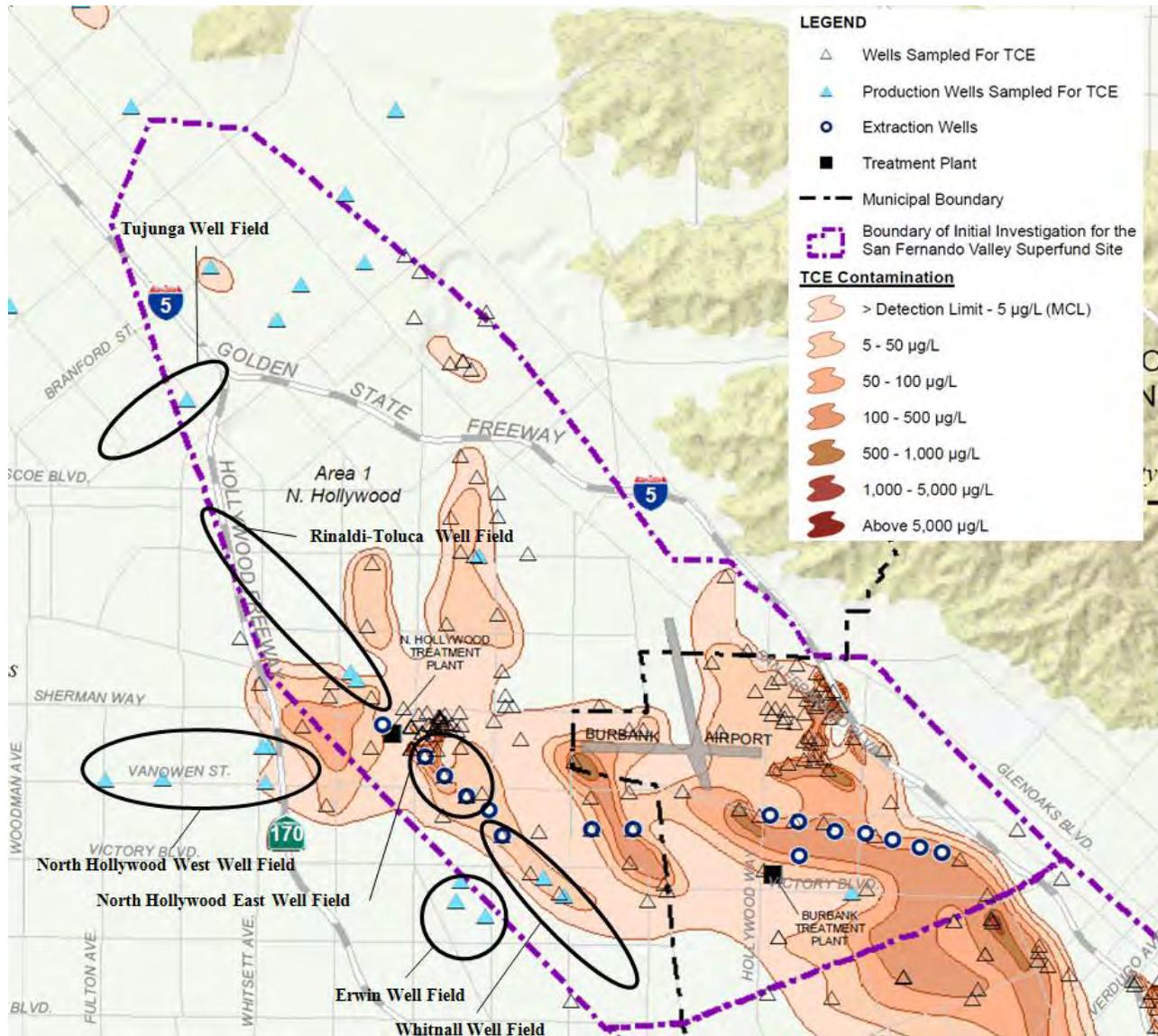


Figure 10. TCE in the Shallow Zone (Most Recent Concentration January 2006-2011)

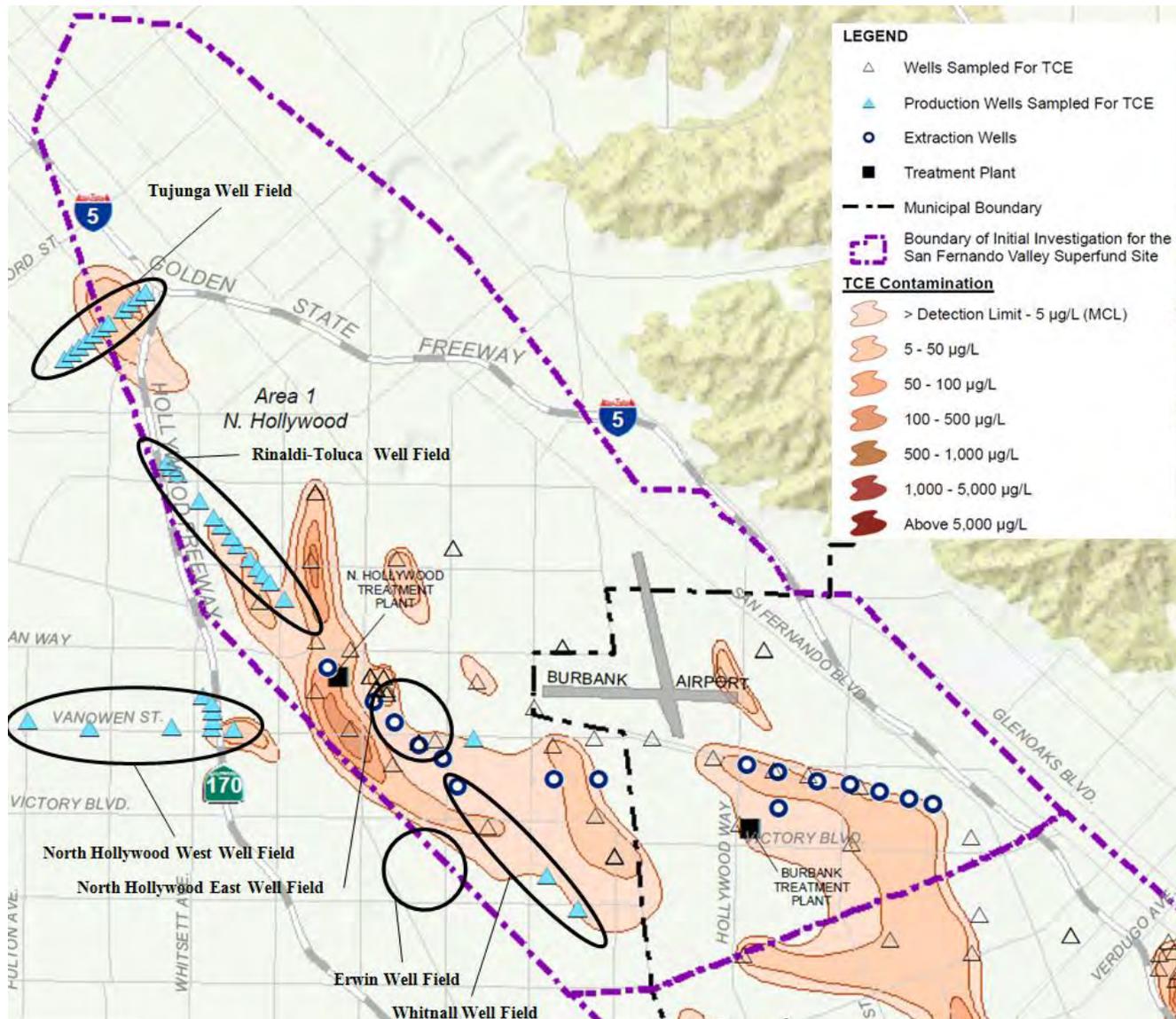


Figure 11. TCE in the Deeper Zone (Most Recent Concentration January 2006-2011)

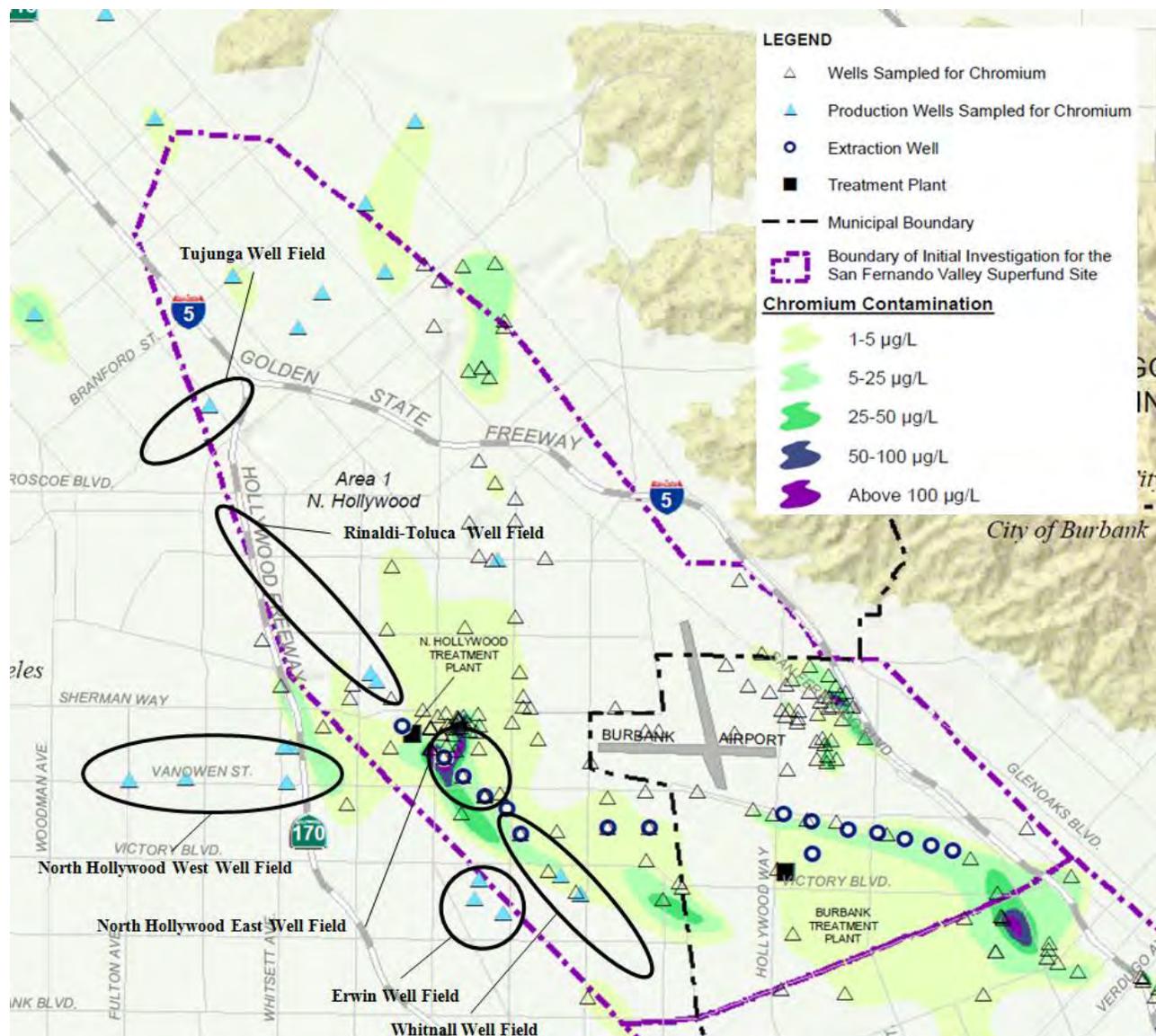


Figure 12. Total Chromium in the Shallow Zone (Most Recent Concentration January 2006-2011)

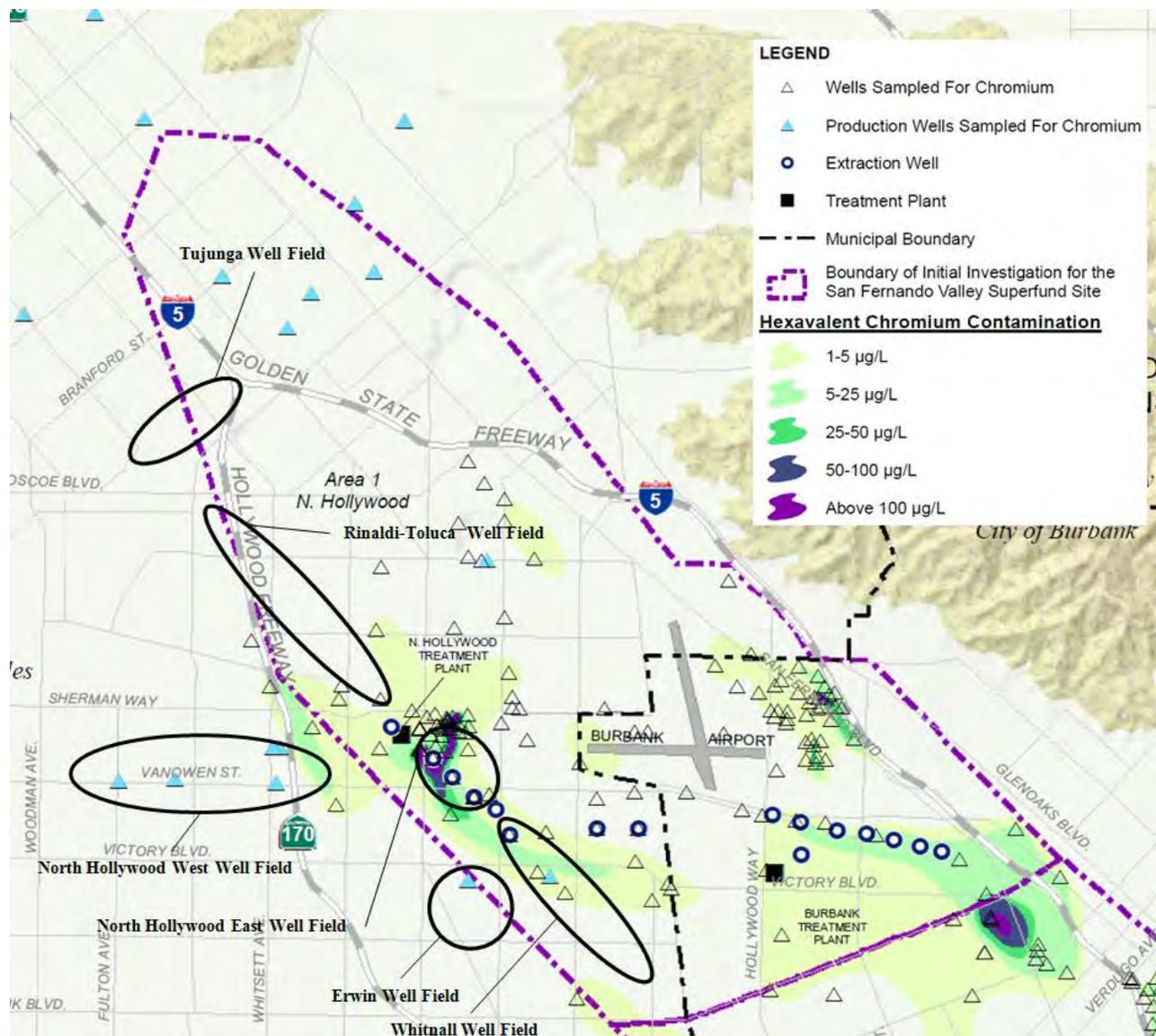


Figure 13. Hexavalent Chromium in the Shallow Zone (Most Recent Concentration January 2006-2011)



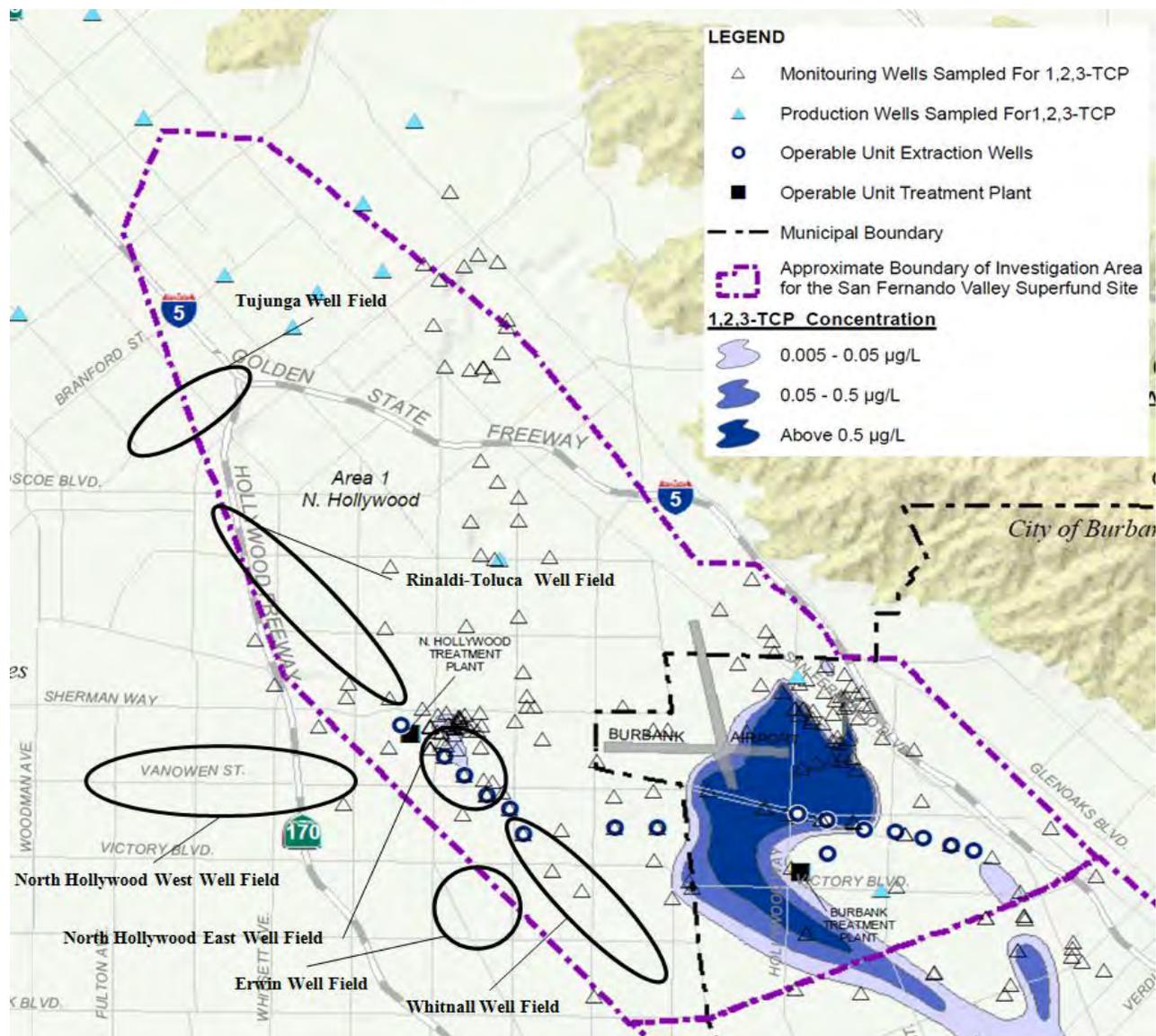


Figure 15. 1,2,3-TCP in the Shallow Zone (Most Recent Concentration January 2006-2011)

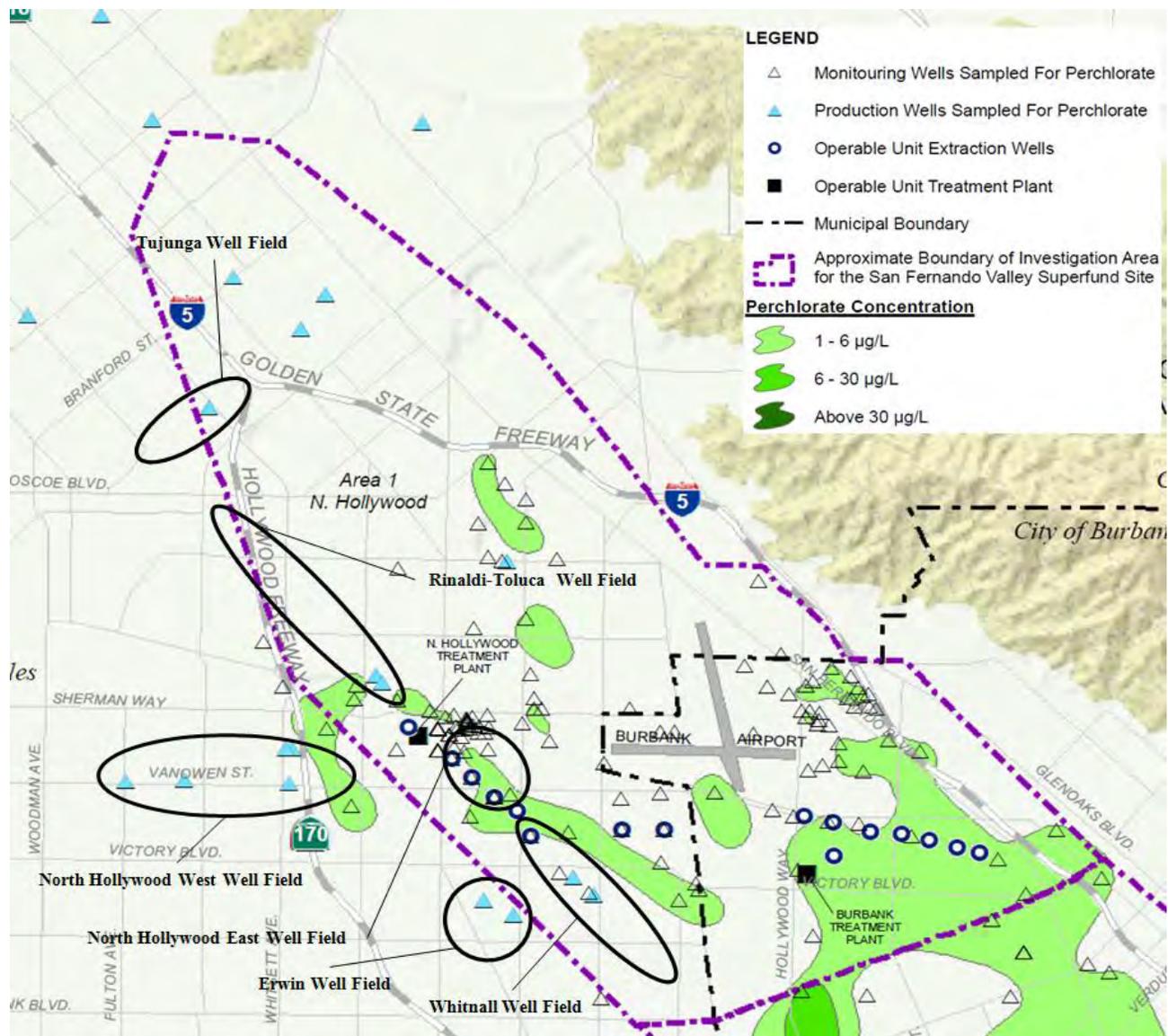


Figure 16. Perchlorate in the Shallow Zone (Most Recent Concentration January 2006-2011)

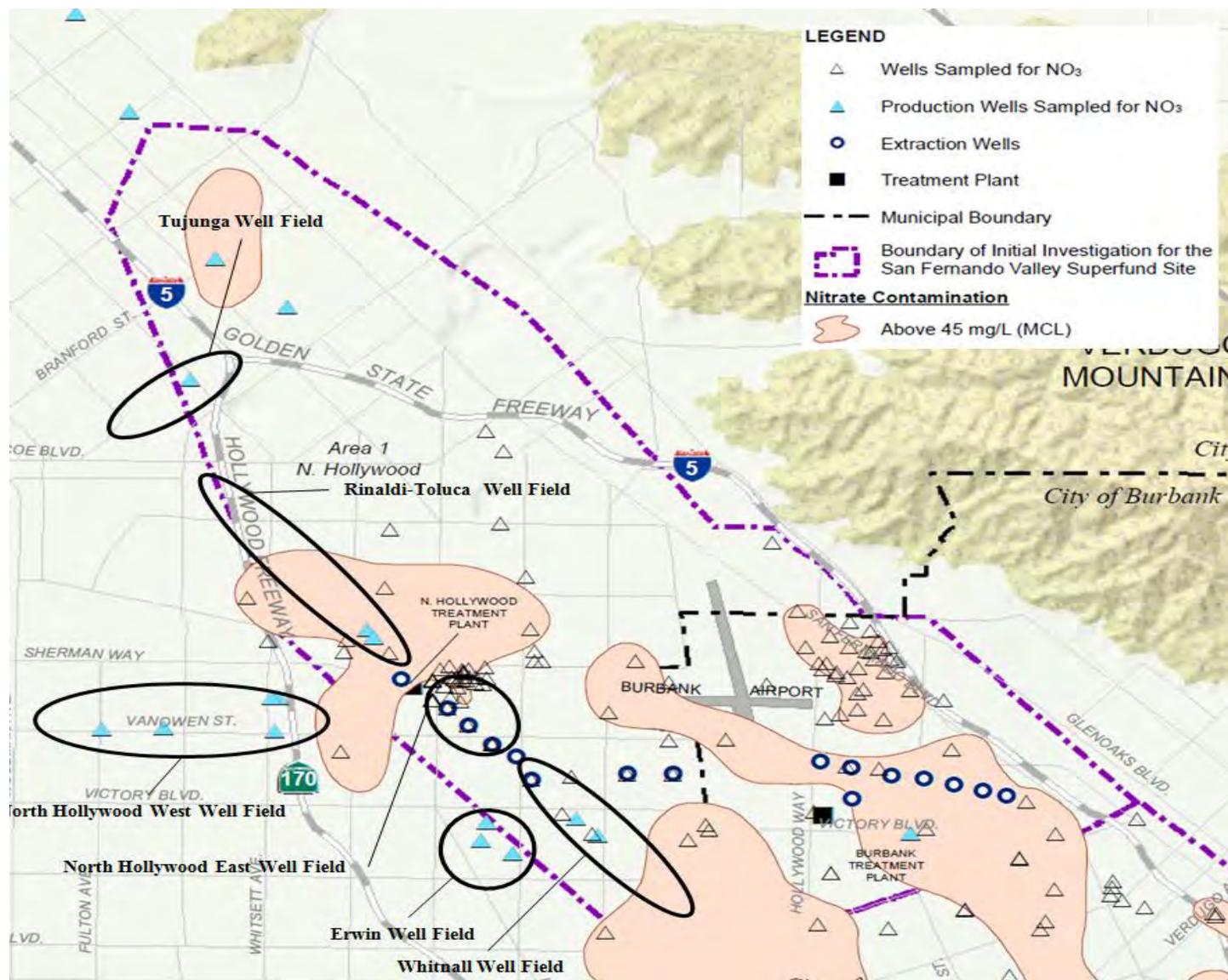


Figure 17. Nitrate in the Shallow Zone (Most Recent Concentration January 2006-2011)

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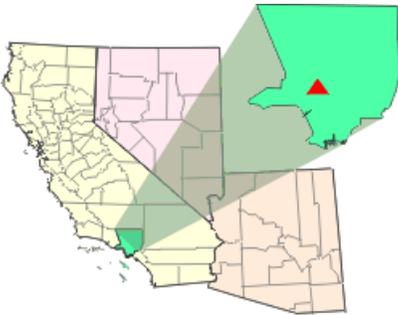
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- San Fernando Valley (Area 1 North Hollywood And Burbank)

## San Fernando Valley (Area 1 North Hollywood And Burbank)



[Map this site in Cleanups in My Community](#)

EPA #: CAD980894893

State: California(CA)

County: Los Angeles

City: North Hollywood and Burbank

Congressional District: 26

Other Names: (1) North Hollywood NPL Site, (2) North Hollywood Operable Unit (NHOU), and (3) Burbank Operable Unit (BOU)

Bulletin Board

For a more general overview of all the San Fernando Superfund sites see:

<http://yosemite.epa.gov/r9/sfund/r9sfdocw.nsf/3dec8ba3252368428825742600743733/f7880395be7082af88257007005e93fc!OpenDocument>.

Links

## IMPORTANT LINKS

[Area 2: Glendale/Crystal Springs](#)

[Area 3: Verdugo](#)

[Area 4: Pollock/Los Angeles](#)

On this page

- [Description and History](#)
- [Contaminants and Risks](#)
- [Who is Involved](#)
- [Investigation and Cleanup Activities](#)
  
- [Cleanup Results to Date](#)
- [Potentially Responsible Parties](#)
- [Documents and Reports](#)
- [Community Involvement](#)
  
- [Public Information Repositories](#)
- [Additional Links](#)
- [Contacts](#)
- [Progress Profile \(EPA Headquarters\)](#)

## Description and History

### NPL Listing History

NPL Status: Final

Proposed Date: 10/15/84

Final Date: 06/10/86

Deleted Date:

San Fernando Valley (Area 1) is an area of contaminated groundwater covering approximately 7 square miles beneath the North Hollywood neighborhood of the City of Los Angeles and the City of Burbank. This area is part of the San Fernando Valley groundwater basin, an aquifer which provides drinking water to over 800,000 residents of the Cities of Los Angeles, Burbank, and Glendale, and the La Crescenta Water District. Approximately 3 million people reside within three miles of this site.

In 1980, concentrations of chlorinated volatile organic compounds (VOCs), including trichloroethylene (TCE) and perchloroethylene (PCE), were found to be above Federal Maximum Contaminant Levels (MCLs) and State Action Levels in many municipal production wells in the area. Those solvents were widely used in a number of industries including aerospace and defense manufacturing, machinery degreasing, dry cleaning, and metal plating. Some contaminants currently affecting the basin's water supply can be traced as far back as the 1940s, when chemical waste disposal was unregulated throughout the Valley. In response to the public health threat, the cities were forced either to shut down their wells and provide alternate sources of drinking water or blend contaminated well water with water from clean sources.

Results of a groundwater monitoring program conducted from 1981 to 1987 revealed over 50 percent of the water supply wells in the eastern portion of the San Fernando Valley Groundwater Basin were contaminated. More than 60 public drinking water supply wells are located within Area 1; 56 are owned and operated by the Los Angeles Department of Water and Power (LADWP), and 11 are owned and operated by the Burbank Public Service Department. The shutdown of many of these wells has resulted in the cities turning to more expensive sources of drinking water, and has limited use of a substantial drinking water supply in an area where this resource is already scarce.

[Top of page](#)

## Contaminants and Risks

### Contaminated Media

- Groundwater

The groundwater is contaminated with various chlorinated VOCs, predominantly trichloroethylene (TCE) and perchloroethylene (PCE). More recently, the groundwater is also contaminated with hexavalent chromium, 1,4 -dioxane, 1,2,3-trichloropropane (TCP), and other industrial chemicals. All area drinking water is provided by the Los Angeles Department of Water and Power and meets safe drinking water standards.

[Top of page](#)

## Who is Involved

This site is being addressed through Federal, State, municipal, and potentially responsible party (PRP) actions.

[Top of page](#)

## Investigation and Cleanup Activities

This site is being addressed by focusing on cleanup of groundwater in the North Hollywood area, the Burbank area, and the San Fernando Basin as a whole (area-wide).

Remedy Selected

### NORTH HOLLYWOOD OPERABLE UNIT:

Based on the results of the study conducted by the State of California and LADWP, EPA chose the first interim cleanup remedy consisting of groundwater pump and treat using aeration and granular activated carbon (GAC) air filtering units, with discharge of the treated water to the Los Angeles Department of Water and Power's (LADWP) pumping station for chlorination, and further blending with other sources of clean water before distribution in the public water supply.

Construction of the 2,000 gallons per minute (gpm) treatment plant started in 1987. LADWP began operating the system in December 1989 and has continued to since then. Water is pumped to an aeration tower where the contaminants are removed from the water by an air stripper. These contaminants are then captured by a vapor phase GAC system to limit air emissions of the compounds. The spent carbon is removed and is either disposed of or regenerated. The treated water is transferred to a holding reservoir before entering the city's distribution system. Approximately 50 percent of LADWP's production wells are still being pumped, with the other 50 percent of the wells shut down in the 1980's due to contamination. On average, groundwater in the vicinity of the NHOU accounts for approximately 11 percent of the City of Los Angeles' drinking water supply, with the North Hollywood groundwater treatment system providing approximately 1-2 percent of this amount.

The VOCs are effectively removed by the existing North Hollywood Operable Unit (NHOU) groundwater treatment system to below MCLs, and often to non-detectable levels. However, changing groundwater conditions in the aquifer and the discovery of VOC contamination in new areas of the aquifer beneath North Hollywood limit the ability of the existing remedy to fully contain the VOC plume in the NHOU. In addition, EPA has more recently detected emerging contaminants, including hexavalent chromium and 1,4-dioxane, in excess of the state MCL for total chromium and the California Department of Public Health (CDPH) notification level (NL) for 1,4-dioxane at two of the NHOU extraction wells. The existing NHOU treatment system is incapable of removing these contaminants, and a sharp increase in the chromium concentrations in the two wells has caused them to be shut down, removed from the system, and the water redirected. These wells serve an important plume containment function for the high levels of contamination. These shut downs demonstrated the need for a change in the remedy.

In response to the above shut downs, as well as continued migration of VOC-contaminated groundwater, EPA conducted a Focused Feasibility Study (FFS) to evaluate alternatives for changing the groundwater remedy. The FFS developed and evaluated a range of alternatives for addressing the contaminants in groundwater. The results of the FFS, including the comparative analysis of alternatives and identification of a preferred alternative, are summarized in the July 2009 Proposed Plan, and the preferred remedy is selected in the September 30, 2009 Second Interim ROD. The selected remedy is to install well-head treatment for hexavalent chromium and 1,4 dioxane, expand the combined treatment system, install additional monitoring wells, and to install and operate 3 additional groundwater extraction wells, and to continue to provide the treated water to the LADWP for a drinking water end use.

EPA amended the 2009 Second Interim ROD in 2014 to allow the consideration for the treated effluent to be reinjected back into the aquifer (re injection end use). See the 01/10/2014 NHOU Second Interim ROD Amendment, below, for more details.

Cleanup Ongoing

### BURBANK OPERABLE UNIT:

In 1989, EPA finalized the Record of Decision (ROD) selecting the interim cleanup remedy for the Burbank area of the site: extraction of groundwater from new extraction wells in the most highly contaminated zones. The contaminated water is treated through an air stripping process and liquid phase granular activated carbon (GAC) to remove the organic solvents. Carbon adsorption is used to treat air emissions from the air stripping process. The treated water is blended to lower nitrate levels and the water is delivered to the City of Burbank's Public Service Department for distribution to the public water supply system.

Phase I of the remedy, which extracts and treats 6,000 gpm of groundwater, began operations in January 1996. Phase II which provides an additional 3,000 gpm extraction capacity to the facility, began operations in early 1998. The Burbank treatment system continues to extract and treat contaminated groundwater, although typically at flow rates less than 9,000 gpm.

Site Studies

## AREA-WIDE GROUNDWATER:

EPA completed a basinwide Remedial Investigation (RI) in 1992, including installation of a basinwide groundwater monitoring well network which is sampled regularly to provide data on the groundwater quality and track progress of the groundwater cleanups in the San Fernando Valley groundwater basin.

The potentially responsible parties will continue to conduct site cleanup under EPA oversight. The EPA and the California Regional Water Quality Control Board entered into a Cooperative Agreement for the Basin-wide investigation of potential responsible parties for the San Fernando Valley Basin.

[Top of page](#)

## Cleanup Results to Date

The use of an alternate water supply and the operation of the groundwater treatment system in the North Hollywood and Burbank Areas have reduced the potential of exposure to contaminated drinking water at the San Fernando Valley (Area 1) site and will continue to protect residents near this site while additional cleanup activities are planned and implemented.

As of 2015, the existing North Hollywood groundwater pump and treat system has extracted and treated approximately 11 billion gallons of VOC-contaminated groundwater to levels that are below state and federal maximum contaminant levels (MCLs) for drinking water.

Similarly, as of 2013, the Burbank groundwater pump and treat system has extracted and treated approximately 53 billion gallons of VOC-contaminated groundwater to levels that are below state and federal MCLs for drinking water.

[Top of page](#)

## Potentially Responsible Parties

Potentially responsible parties (PRPs) refers to companies that are potentially responsible for generating, transporting, or disposing of the hazardous waste found at the site.

### No-Further-Action ("NFA") Letter recipients

Under a cooperative agreement between EPA and the State Water Resources Control Board, the California Regional Water Quality Control Board, Los Angeles Region ("LA-RWQCB")-conducted assessments of facilities in the San Fernando Basin to determine the extent of solvent usage and to assess past and current chemical handling, storage and disposal practices. These investigations were conducted pursuant to the LA-RWQCB's Well Investigation Program. Many of these investigations are currently in progress. For parties whose facilities the LA-RWQCB later determined that additional investigation was not required, the LA-RWQCB sent "no further action" (NFA) letters.

Additionally, EPA and the LA-RWQCB sent joint NFA letters to parties in cases where both EPA and the LA-RWQCB determined that additional investigation was not required.

Based on information provided to EPA by the RWQCB or otherwise known to EPA and the RWQCB when the joint NFA letters were issued, the entities who received the joint NFA letters will not be asked by EPA or the RWQCB to participate in regional ground-water cleanup projects currently planned for the San Fernando Basin Superfund Sites. However, EPA may re-open a site investigation or request participation in regional ground-water cleanup projects, if new information becomes available or site conditions change. [Click here](#) for the list of LA-RWQCB No Further Action letter recipients and joint EPA/LA-RWQCB No Further Action letter recipients. Parties who received a joint NFA letter are noted with a "Y" in the "Joint Letter" column on the NFA Letter list.

### General Notice Letter ("GNL") and Special Notice Letter ("SNL") Recipients

A GNL notifies an entity that EPA has identified the entity as a potentially responsible party ("PRP") for the purpose of Superfund response actions. Besides designating a facility or person as a PRP, the GNL is used to encourage PRP coalescence and formation of steering committees, an important step prior to negotiations with EPA for Superfund response work, both investigatory and remedial.

An SNL, in addition to designating an entity as a potentially responsible party ("PRP"), initiates a formal settlement process between EPA and the PRPs. The SNL is used to facilitate an agreement between EPA and the PRPs for the PRPs to conduct site work and to pay EPA's oversight and other response costs. The SNL requests an offer from PRPs to perform these actions and sets a formal time period for negotiations to be completed, after which EPA may unilaterally order the PRPs to undertake the site work and to pay EPA's oversight costs, and initiate a lawsuit to recover EPA's other response costs.

EPA sent general notice and special notice letters to parties EPA considered potential contributors to the volatile organic compound (VOC) groundwater contamination in the Area 1 - North Hollywood, and Area 2 - Glendale/Crystal Springs San Fernando Valley NPL sites. [Click here](#) for the list of General Notice and Special Notice letter recipients.

EPA may from time-to-time identify additional potentially responsible parties based on new information, or changes in site conditions.

[Top of page](#)

## Documents and Reports

### Administrative Records

01/26/06 [Administrative Records - Index of All Documents for AR Collection](#)

07/10/09 [North Hollywood Operable Unit, AR Update 3, \(2009\)](#)

[Burbank Operable Unit \(part 1\)](#)

[Burbank Operable Unit \(part 2\)](#)

[North Hollywood Operable Unit, AR Update 1 \(2007\)](#)

[North Hollywood Operable Unit, AR Update 2 \(2008\)](#)

[North Hollywood Operable Unit, Original AR \(list\) \(1989\)](#)

[North Hollywood Operable Unit, Original AR \(pdf\) \(1989\)](#)

[North Hollywood OU-04](#)

[Remedial](#)

[Remedial AR North Hollywood OU](#)

### Community Involvement

01/10/14 [Public Notice of North Hollywood ROD Amendment Availability](#)

11/22/16 [San Fernando Valley Community Involvement Plan 2016 \(All Areas\)](#)

### Fact Sheets

09/01/87 [EPA Will Fund Construction of a Treatment System to Clean Contaminated Groundwater in the North Hollywood/Burbank Area](#)

06/01/88 [Agencies Announce Completion of North Hollywood Groundwater Treatment Facility](#)

10/01/88 [EPA, DWP, and the City of Burbank Announce Clean-Up Plan for Burbank Area](#)

08/01/89 [EPA Announces Cleanup Plan for Burbank Area](#)

07/01/90 [Changes Proposed in the Burbank Groundwater Cleanup Plan](#)

09/01/91 [U.S. EPA, Lockheed Corporation, Weber Aircraft and City of Burbank Sign Agreement to Conduct Cleanup Activities](#)

07/09/09 [North Hollywood: Proposed Plan for Enhanced Groundwater Remedy](#)

08/05/09 [EPA Extends Public Comment Period on Proposed Plan for Groundwater Remedy at North Hollywood OU of San Fernando Valley Area 1 Superfund Site](#)

12/10/09 [San Fernando Valley Superfund Sites Update, and EPA Selects Second Interim Remedy for the North Hollywood Operable Unit](#)

05/01/13 [North Hollywood OU Proposed Plan to Amend Record of Decision, San Fernando Valley Area 1, May 2013](#)

### Images

05/01/98 [Burbank Treatment Plant Photographs \(2 Air Stripping Towers & 6 Vapor Phase Carbon Absorption Units\)  
NORTH HOLLYWOOD TREATMENT PLANT](#)

### Legal Documents

03/28/91 [Consent Decree - Area 1 Burbank Well Field Operable Unit](#)

02/09/96 [Consent Decree \(Partial\) - North Hollywood](#)

02/09/96 [Consent Decree \(Second Partial\) - North Hollywood](#)

02/09/96 [Second Consent Decree \(Part 1\) - Burbank Operable Unit](#)

02/09/96 [Second Consent Decree \(Part 2\) - Burbank Operable Unit](#)

### Maps

03/13/08 [Corrected Figure 2 Well Location Map \(Burbank OU Consent Decree\)](#)

03/13/08 [Pilot Map of Valley Forebay Facility](#)

03/13/08 [San Fernando Valley Area 1-4 Map](#)

### Records of Decision

09/24/87 [Record of Decision OU 02](#)

09/24/87 [Record of Decision, North Hollywood](#)

06/26/89 [Record of Decision - OU 03 \(Burbank OU\)](#)

02/12/97 [Explanation of Significant Differences, Burbank](#)

09/30/09 [Interim Action Record of Decision](#)

01/10/14 [Amendment to the 2009 Interim Record of Decision for North Hollywood Operable Unit, Dated January 2014](#)

#### Technical Documents

12/01/92 [Remedial Investigation of Groundwater Contamination in the San Fernando Valley](#)

07/08/93 [North Hollywood, 1st Five-Year Review](#)

10/12/95 [General Notice and Special Notice Letters Recipients](#)

10/31/97 [List of NFA Recipients](#)

10/31/97 [List of No Further Action Recipients](#)

08/17/98 [North Hollywood, 2nd Five-Year Review](#)

09/30/03 [North Hollywood, 3rd Five-Year Review](#)

09/30/04 [Burbank, 1st Five-Year Review](#)

09/30/08 [North Hollywood and Burbank, Five-Year Review](#)

07/10/09 [North Hollywood OU, Focused Feasibility Study](#)

10/05/11 [Final Remedial Design Work Plan](#)

03/14/12 [Data Gap Analysis Report](#)

09/10/12 [Health and Safety Plan for Phase 1 Pre-Design Investigation](#)

09/10/12 [Remedial Design Quality Assurance Project Plan](#)

09/10/12 [Sampling and Analysis Plan for Phase 1 Pre-Design Investigation](#)

09/10/12 [Work Plan for Phase 1 Pre-Design Investigation](#)

09/30/13 [Second Five-Year Review Report for San Fernando Valley \(Area 1\) Superfund Site, North Hollywood and Burbank](#)

07/21/15 [Groundwater Modeling Memorandum - North Hollywood Operable Unit, Second Interim Remedy - Groundwater Remediation System Design](#)

[Top of page](#)

#### Community Involvement

Public Meetings: On June 5, 2013, the EPA conducted a public meeting to take formal verbal comment and present its preferred plan to amend the 2009 Interim North Hollywood Operable Unit Record of Decision. The January 10, 2014 ROD Amendment includes a responsiveness summary and is available in the "Documents and Reports" section above and at the information repositories listed below, as well as in the Documents and Reports section above.

[Top of page](#)

#### Public Information Repositories

The public information repositories for the site are at the following locations:

Burbank Public Library,  
Central Library,  
110 North Glen Oaks Boulevard,  
Burbank, CA 91502  
(818) 238-5580

City of Los Angeles Central Library  
Science and Technical Department  
630 West 5th Street  
Los Angeles, CA 90071  
Stella Mittlebach  
(213) 228-7216

The most complete collection of documents is the official EPA site file, maintained at the following location:

Superfund Records Center  
Mail Stop SFD-7C  
95 Hawthorne Street, Room 403  
San Francisco, CA 94105  
(415) 820-4700

Enter main lobby of 75 Hawthorne street, go to 4th floor of South Wing Annex.

Additional Links

[Top of page](#)

Contacts

EPA Site Manager

Kelly Manheimer  
Gary Riley  
415-972-3290  
415-972-3003  
Manheimer.Kelly@epamail.epa.gov  
Riley.Gary@epamail.epa.gov  
US EPA Region 9  
Mail Code SFD  
75 Hawthorne Street  
San Francisco, CA 94105

EPA Community Involvement Coordinator

Carlin Hafiz  
213-244-1814  
1-800-231-3075  
Hafiz.Carlin@epamail.epa.gov  
US EPA Region 9  
Mail Code SFD  
75 Hawthorne Street  
San Francisco, CA 94105

EPA Public Information Center

415-947-8701  
r9.info@epamail.epa.gov

State Contact

PRP Contact

Community Contact

Other Contacts

After Hours (Emergency Response)

US EPA  
(800) 424-8802

[Top of page](#)

[Pacific Southwest Newsroom Pacific Southwest Programs](#)

[Grants & Funding US-Mexico Border](#)

[Media Center Careers](#)

[About EPA Region 9 \(Pacific Southwest\) A-Z Index](#)

Area Navigation

- [Pacific Southwest Superfund](#)
- [Site Overviews](#)
- [Administrative Records](#)

- [Community Involvement](#)
  - [Fact Sheets](#)
  - [Images](#)
  - [Legal Documents](#)
  - [Maps](#)
  - [Records of Decision](#)
  - [Technical Documents](#)
- 
- [About EPA Region 9 \(Pacific Southwest\)](#)
  - [• News & Events](#)
  - [• A-Z Index](#)
- [News Feeds](#)
  - [Podcasts](#)
  - [EPA Mobile](#)
  - [News by Email](#)
  - [Widgets](#)
- [EPA Home](#)
  - [Privacy and Security Notice](#)
  - [Contact Us](#)

Last updated October 6, 2016

The Seal of the United States Environmental Protection Agency

[Jump to main content.](#)

STATE WATER RESOURCES CONTROL BOARD  
**GEOTRACKER**



CASE SUMMARY			
<u>REPORT DATE</u> 6/26/1986		<u>HAZARDOUS MATERIAL INCIDENT REPORT FILED WITH OES?</u>	
<u>I. REPORTED BY -</u> UNKNOWN		<u>CREATED BY</u> UNKNOWN	
<u>III. SITE LOCATION</u>			
<u>FACILITY NAME</u> SUN BANK		<u>FACILITY ID</u>	
<u>FACILITY ADDRESS</u> 3110 WINONA AVE BURBANK, CA 91504 LOS ANGELES COUNTY		<u>ORIENTATION OF SITE TO STREET</u>	
		<u>CROSS STREET</u> SAN FERNANDO	
<u>V. SUBSTANCES RELEASED / CONTAMINANT(S) OF CONCERN</u> WASTE OIL / MOTOR / HYDRAULIC / LUBRICATING			
<u>VI. DISCOVERY/ABATEMENT</u>			
<u>DATE DISCHARGE BEGAN</u>			
<u>DATE DISCOVERED</u> 6/25/1986	<u>HOW DISCOVERED</u> Tank Closure	<u>DESCRIPTION</u>	
<u>DATE STOPPED</u> 6/25/1986	<u>STOP METHOD</u>	<u>DESCRIPTION</u>	
<u>VII. SOURCE/CAUSE</u>			
<u>SOURCE OF DISCHARGE</u> Tank		<u>CAUSE OF DISCHARGE</u> Corrosion	
<u>DISCHARGE DESCRIPTION</u>			
<u>VIII. CASE TYPE</u>			
<u>CASE TYPE</u> Soil			
<u>IX. REMEDIAL ACTION</u> NO REMEDIAL ACTIONS ENTERED			
<u>X. GENERAL COMMENTS</u>			
<u>XI. CERTIFICATION</u>  I HEREBY CERTIFY THAT THE INFORMATION REPORTED HEREIN IS TRUE AND ACCURATE TO THE BEST OF MY KNOWLEDGE.			
<u>XII. REGULATORY USE ONLY</u>			
<u>LOCAL AGENCY CASE NUMBER</u>		<u>REGIONAL BOARD CASE NUMBER</u> 915040134	
LOCAL AGENCY			
<u>CONTACT NAME</u> JORGE MARTINEZ	<u>INITIALS</u>	<u>ORGANIZATION NAME</u> BURBANK, CITY OF	<u>EMAIL ADDRESS</u> jmartinez@ci.burbank.ca.us
<u>ADDRESS</u> 311 E ORANGE GROVE AVE BURBANK, CA 91502		<u>CONTACT DESCRIPTION</u>	
<u>PHONE TYPE</u> Business	<u>PHONE NUMBER</u> (818)-238-3473	<u>EXTENSION</u>	
REGIONAL BOARD			
<u>CONTACT NAME</u> MAGDY BAIADY	<u>INITIALS</u> MB	<u>ORGANIZATION NAME</u> LOS ANGELES RWQCB (REGION 4)	<u>EMAIL ADDRESS</u> mbaiady@waterboards.ca.gov
<u>ADDRESS</u> 320 W. 4TH ST., SUITE 200 LOS ANGELES,		<u>CONTACT DESCRIPTION</u> RECEIVED UST UNAUTHORIZED RELEASE REPORT FROM VCEHD	
<u>PHONE TYPE</u> PHONE	<u>PHONE NUMBER</u> (213)-576-6699	<u>EXTENSION</u>	

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**CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD  
LOS ANGELES REGION**

101 CENTRE PLAZA DRIVE  
MONTEREY PARK, CA 91754-2156  
(213) 266-7500  
FAX: (213) 266-7600



February 6, 1996

Mr. Richard Barrett  
JANCO Corporation  
3111 Winona Avenue  
Burbank, CA 91504

WELL INVESTIGATION PROGRAM - SOIL GAS INVESTIGATION (FILE NO. 104.0604)

We have reviewed your soil gas investigation report (August 15, 1995), prepared by Environmental Support Technologies, transmitted through your counsel's, Mr. David Cranston, letter dated September 12, 1995, and have the following comments:

1. A total of six volatile organic compounds were detected in soil gas samples taken at 5 and 15 feet below ground surface. They were PCE, TCE, 1,1,1-TCA, 1,1-DCE, Freon-11, and Freon-113. PCE and TCE had been detected in all 17 soil gas samples. PCE concentrations ranged from 17  $\mu\text{g/L}$  to 67  $\mu\text{g/L}$  and TCE from 41  $\mu\text{g/L}$  to 155  $\mu\text{g/L}$ . Concentrations of both compounds were slightly higher at 15 feet than at 5 feet for most of sample locations except samples SG9/SG10. We do not agree with your assumption that sample SG13-5 represents a background level since it was located within the workshop on the premises.
2. These soil gas data combined with the previous soil data indicate volatile organic compounds (VOCs) contamination in soil at the two clarifier areas. However, based on the VOC cleanup screening levels in the Regional Board's Interim Guidance (February 1995), the magnitude of soil gas concentrations at this site are below the level that requires a remedial action.
3. The vertical extent of soil gas concentration has not been fully delineated. However, considering the previous soil data to 80 feet below ground surface and the magnitude of the soil gas concentration detected at the site, you will not be required to conduct further soil assessment at this site.

Mr. Barrett  
Page 2

4. We recommend the two onsite clarifiers be retrofitted to ensure their integrity in order to prevent any further potential soil and ground water contamination.

If you have any questions concerning this matter, please contact Yue Rong at (213) 266-7604.

  
HUBERT H. KANG  
Senior Water Resource  
Control Engineer

cc: David Seter - USEPA, Region IX  
David Cranston - Pircher, Nichols & Meeks  
Michael Tye - EST



# California Regional Water Quality Control Board

## Los Angeles Region



Recipient of the 2001 *Environmental Leadership Award* from Keep California Beautiful

Alan C. Lloyd, Ph.D.  
Agency Secretary

320 W. 4th Street, Suite 200, Los Angeles, California 90013  
Phone (213) 576-6600 FAX (213) 576-6640 - Internet Address: <http://www.waterboards.ca.gov/losangeles>

Arnold Schwarzenegger  
Governor

February 25, 2005

Mr. Michael King  
Janco c/o Mason Electric  
13955 Balboa Boulevard  
Sylmar, California 91342

### **NO FURTHER REQUIREMENTS – JANCO CORPORATION FACILITY LOCATED AT 3111 WINONA STREET, BURBANK, CALIFORNIA (FILE NO. 104.0604)**

Dear Mr. King:

California Regional Water Quality Control Board, Los Angeles Region, ("Regional Board") staff have reviewed the technical soil investigation report prepared on your behalf by Associated Environmental Management (AEM) dated February 2005 (received February 15, 2005). The information submitted indicates the several of the soil samples taken at the site exceed the California-modified preliminary remediation goal (PRG) for arsenic of 0.25 milligrams per kilogram (mg/kg). The maximum concentration of arsenic detected at your site was 10.3 mg/kg.

However, a 2002 study prepared by the California Environmental Protection Agency-Department of Toxic Substance Control (Cal EPA-DTSC) of heavy metal soil concentrations at 19 Los Angeles Unified School District (LAUSD) sites concluded with the determination that levels as high as 11.3 mg/kg would not require remedial action or land use restriction for the LAUSD, therefore, based on this precedence, and because of natural background arsenic levels in soils of the San Fernando Valley in this range, this Regional Board will not require further remediation or impose a land use restriction on the subject property.

Based on the observations made by Regional Board staff during the soil investigation, and provided that the aforementioned report submitted to this Board is accurate and representative of site conditions, no further requirements need be met with respect to this Regional Board's heavy metals investigation in San Fernando Valley.

It should be noted that this letter in no way releases you from responsibility regarding other chemicals or releases to the environment from your property during your occupancy. Additionally, the jurisdiction requirements of other agencies, such as the United States Environmental Protection Agency (USEPA), and/or the Cal EPA-DTSC, are not affected by this Regional Board's "no further requirements" determination. Such agencies may choose to make their own determination concerning the Site.

*California Environmental Protection Agency*



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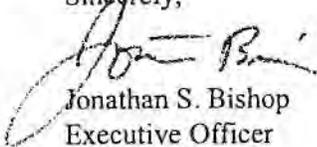
Mr. Michael King  
Former Janco Corporation Facility

- 2 -

February 25, 2005

If you have any questions regarding this matter, please call Mr. Alex Lapostol at (213) 576-6807 or the undersigned at (213) 576-6803.

Sincerely,



Jonathan S. Bishop  
Executive Officer

cc: Mr. Leighton Fong, City of Glendale  
Mr. Mark Mackowski, Upper Los Angeles River Area Watermaster  
Mr. Thomas Erb, Los Angeles Department of Water & Power  
Mr. David Stensby, USEPA Superfund Division, Region IX, San Francisco  
Mr. Bill Mace, City of Burbank Water Supply Department

***California Environmental Protection Agency***

 Recycled Paper

*Our mission is to preserve and enhance the quality of California's water resources for the benefit of present and future generations.*

STATE WATER RESOURCES CONTROL BOARD  
**GEOTRACKER**



CASE SUMMARY			
<u>REPORT DATE</u> 1/2/1965		<u>HAZARDOUS MATERIAL INCIDENT REPORT FILED WITH OES?</u>	
<u>I. REPORTED BY -</u> UNKNOWN		<u>CREATED BY</u> UNKNOWN	
<u>III. SITE LOCATION</u>			
<u>FACILITY NAME</u> JANCO CORPORATION		<u>FACILITY ID</u>	
<u>FACILITY ADDRESS</u> 3111 WINONA AVE. BURBANK, CA 91504 LOS ANGELES COUNTY		<u>ORIENTATION OF SITE TO STREET</u>	
		<u>CROSS STREET</u>	
<u>V. SUBSTANCES RELEASED / CONTAMINANT(S) OF CONCERN</u> CR, VOC			
<u>VI. DISCOVERY/ABATEMENT</u>			
<u>DATE DISCHARGE BEGAN</u>			
<u>DATE DISCOVERED</u>	<u>HOW DISCOVERED</u>	<u>DESCRIPTION</u>	
<u>DATE STOPPED</u>	<u>STOP METHOD</u>	<u>DESCRIPTION</u>	
<u>VII. SOURCE/CAUSE</u>			
<u>SOURCE OF DISCHARGE</u>		<u>CAUSE OF DISCHARGE</u>	
<u>DISCHARGE DESCRIPTION</u>			
<u>VIII. CASE TYPE</u>			
<u>CASE TYPE</u> Aquifer used for drinking water supply			
<u>IX. REMEDIAL ACTION</u> NO REMEDIAL ACTIONS ENTERED			
<u>X. GENERAL COMMENTS</u>			
<u>XI. CERTIFICATION</u>  I HEREBY CERTIFY THAT THE INFORMATION REPORTED HEREIN IS TRUE AND ACCURATE TO THE BEST OF MY KNOWLEDGE.			
<u>XII. REGULATORY USE ONLY</u>			
<u>LOCAL AGENCY CASE NUMBER</u>		<u>REGIONAL BOARD CASE NUMBER</u> 104.0604	
<u>LOCAL AGENCY</u> UNKNOWN			
<u>REGIONAL BOARD</u>			
<u>CONTACT NAME</u> JEFFREY HU	<u>INITIALS</u> GJH	<u>ORGANIZATION NAME</u> LOS ANGELES RWQCB (REGION 4)	<u>EMAIL ADDRESS</u> ghu@waterboards.ca.gov
<u>ADDRESS</u> 320 W. 4TH ST., SUITE 200 LOS ANGELES, CA 90013		<u>CONTACT DESCRIPTION</u>	
<u>PHONE TYPE</u> PRIMARY FAX	<u>PHONE NUMBER</u> (213)-576-6803 (213)-576-6717	<u>EXTENSION</u>	

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STATE WATER RESOURCES CONTROL BOARD  
**GEOTRACKER**

CASE SUMMARY			
<u>REPORT DATE</u> 4/22/1988		<u>HAZARDOUS MATERIAL INCIDENT REPORT FILED WITH OES?</u>	
<u>I. REPORTED BY -</u> UNKNOWN		<u>CREATED BY</u> UNKNOWN	
<u>III. SITE LOCATION</u>			
<u>FACILITY NAME</u> CAMELOT PRESS <u>FACILITY ADDRESS</u> 2815 LIMA ST N BURBANK, CA 91504 LOS ANGELES COUNTY		<u>FACILITY ID</u>  <u>ORIENTATION OF SITE TO STREET</u>  <u>CROSS STREET</u> SAN FERNANDO RD	
<u>V. SUBSTANCES RELEASED / CONTAMINANT(S) OF CONCERN</u> AVIATION			
<u>VI. DISCOVERY/ABATEMENT</u>			
<u>DATE DISCHARGE BEGAN</u>			
<u>DATE DISCOVERED</u>	<u>HOW DISCOVERED</u>	<u>DESCRIPTION</u>	
<u>DATE STOPPED</u>	<u>STOP METHOD</u>	<u>DESCRIPTION</u>	
<u>VII. SOURCE/CAUSE</u>			
<u>SOURCE OF DISCHARGE</u>		<u>CAUSE OF DISCHARGE</u>	
<u>DISCHARGE DESCRIPTION</u>			
<u>VIII. CASE TYPE</u>			
<u>CASE TYPE</u> Aquifer used for drinking water supply			
<u>IX. REMEDIAL ACTION</u> NO REMEDIAL ACTIONS ENTERED			
<u>X. GENERAL COMMENTS</u>			
<u>XI. CERTIFICATION</u>  I HEREBY CERTIFY THAT THE INFORMATION REPORTED HEREIN IS TRUE AND ACCURATE TO THE BEST OF MY KNOWLEDGE.			
<u>XII. REGULATORY USE ONLY</u>			
<u>LOCAL AGENCY CASE NUMBER</u>		<u>REGIONAL BOARD CASE NUMBER</u> 104.1035	
LOCAL AGENCY			
<u>CONTACT NAME</u> JORGE MARTINEZ <u>ADDRESS</u> 311 E ORANGE GROVE AVE BURBANK, CA 91502	<u>INITIALS</u>	<u>ORGANIZATION NAME</u> BURBANK, CITY OF	<u>EMAIL ADDRESS</u> jmartinez@ci.burbank.ca.us
<u>PHONE TYPE</u> Business	<u>PHONE NUMBER</u> (818)-238-3473	<u>CONTACT DESCRIPTION</u>	
REGIONAL BOARD			
<u>CONTACT NAME</u> WELL INVESTIGATION PROGRAM <u>ADDRESS</u> 320 W. 4TH ST., SUITE 200 LOS ANGELES, CA 90013	<u>INITIALS</u> WIP	<u>ORGANIZATION NAME</u> LOS ANGELES RWQCB (REGION 4)	<u>EMAIL ADDRESS</u>
<u>CONTACT DESCRIPTION</u>			

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**CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD—  
LOS ANGELES REGION**

101 CENTRE PLAZA DRIVE  
MONTEREY PARK, CA 91754-2156  
(213) 266-7500



December 22, 1992

Mr. Daniel M. Tellep, President  
Lockheed Advanced Development Corporation  
4500 Park Granada Boulevard  
Calabasas, California 91399

Certified with  
Return Receipt  
Claim No. P 577 359 524

Mr. Tony Divincenzo  
Pacific Airmotive Corporation  
2940 N. Hollywood Way  
Burbank, California 91505-1095

Certified with  
Return Receipt  
Claim No. P 577 359 523

Mr. Don Schwartz  
American Real Estate Holding Limited Partnership  
90 S. Bedford Road  
Mount Kisco, New York 10549

Certified with  
Return Receipt  
Claim No. P 577 359 522

**LOCKHEED PLANT B-6 EAST FACILITIES, BURBANK, CLEANUP AND ABATEMENT  
ORDER NO. 92-066 (File No. 104.0674)**

Enclosed is a Cleanup and Abatement Order (92-066) directing you to perform a comprehensive investigation to determine the full extent of any soil contamination and ground water pollution resulting from current and historic site operations at Plant B-6 East facilities (Buildings 369 and 371).

Technical reports, including workplan(s) and results of investigation(s), must be submitted according to the schedule provided. This Order is issued under Section 13304 of the California Water Code. Failure to comply with the requirements of this Order may result in the imposition of administrative civil liability or injunctive relief in accordance with Section 13350 of the California Water Code.

Please contact Mr. Jay C. Huang at (213) 266-7608 or Ms. Heather Stone at (213) 266-7588 if you have any questions.

*Robert P. Ghirelli*

ROBERT P. GHIRELLI, D.ENV.  
Executive Officer

Enclosure

Clean-up and Abatement  
Order No. 92-066

MR. TELLEP  
MR. DIVINCENZO  
MR. SCHWARTZ  
PAGE TWO

cc: Regional Board Members  
Jorge Leon, SWRCB-OCC  
Maryanne Jones, SWRCB-DWQ  
Gil Torres, SWRCB-DWQ  
Colette Kostelec, U.S. EPA, Region IX  
Mel Blevins, ULARA Watermaster  
Bill Jones, L. A. County Department of Health Services  
Carolyn Barnes, City of Burbank, City Attorney's Office  
Dennis Dickerson, CalEPA, Burbank Office  
Ron Helgerson, Lockheed Engineering & Sciences Company

STATE OF CALIFORNIA  
CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD  
LOS ANGELES REGION

ORDER NO. 92-066

CLEANUP AND ABATEMENT ORDER

Cleanup and Abatement Order No. 92-066 Requiring Lockheed Advanced Development Company, Pacific Airmotive Corporation, and American Real Estate Holding Limited Partnership to Cleanup and Abate the Effects of Contaminants Discharged to Soil and Ground Water.

The California Regional Water Quality Control Board, Los Angeles Region finds that:

1. Lockheed Advanced Development Company, hereinafter called Lockheed, is a division of the Lockheed Corporation. Lockheed currently owns and operates the property located at 2777 Ontario Street referred to by Lockheed as Building 369. Building 371 at 2960 North Hollywood Way including Buildings 375, 376, 377, 378, 398 are owned by American Real Estate Holding Limited Partnership (AREHLP), and Lockheed is the current lease holder and operator of Building 371 facility. Building 369 is located east of and adjacent to Building 371. Building 369 and Building 371 facilities both located in Burbank California are hereafter referred to as Plant B-6 East Facilities, as shown on Figure 1.
2. The Lockheed Plant B-6 East Facilities are located within the designated U.S. Environmental Protection Agency's National Priority List Superfund Investigation Site for San Fernando Valley ground water contamination.
3. Lockheed's operations at Building 371 reportedly have consisted of aircraft parts fabrication including painting, vapor degreasing, alkaline parts cleaning and etching, acid deoxidizing, and application of chemical films. Solvents, paint thinner, mineral spirits, acids, jet fuel, hydraulic oil, kerosene, and diesel fuel have been used at the site by Lockheed. Since the operations at Building 371 are classified as secret, Regional Board staff have not received a comprehensive site audit and have been unable to inspect the interior of the facilities.
4. Prior to 1980, Building 371 was owned and operated by Pacific Airmotive Corporation (PAC). Building 371 was used by PAC for airplane part fabrication. Sumps, degreasers, drain trenches, and clarifier were in use by PAC as shown in Figure 2 and

Clean-up and Abatement  
Order No. 92-066

apparently were used for similar operations and involved the same substances as under Lockheed's leasehold.

5. Building 369 was reportedly used from the 1930's until 1966 as a mobile home park. According to an environmental assessment report prepared by Lockheed for this property, an office/warehouse building was erected onsite in 1966 for the storage of toys and used as an office and warehouse from 1966 to 1986. Lockheed acquired the property in 1986 from Rasco Stores & Gamble Import Company and remodeled the existing structures for manufacturing composite materials used in the aerospace industry. Solvents, acids, bases, and oils were used onsite to support Lockheed operations. In mid-1991, Lockheed ceased all site manufacturing operations and the site is currently vacant.
6. Eleven soil test borings were completed in the Building 371 area from 1984 to 1989. These investigations identified chlorinated volatile organics consisting of primarily tetrachloroethylene (PCE), trichloroethylene (TCE), and/or 1,1,1-trichloroethane (TCA). Maximum concentrations of PCE, TCE, and TCA detected in soil samples obtained from various locations to evaluate facility operation were 5,460  $\mu\text{g}/\text{kg}$ , 18.2  $\mu\text{g}/\text{kg}$  and 9,420  $\mu\text{g}/\text{kg}$ , respectively. Known or potential point source areas that have contributed or are currently contributing to subsurface pollution, as shown on Figure 3, include: underground storage tanks, clarifiers, sumps, degreasers, sewers and/or process pipelines, chemical/waste drum storage areas, plating areas, and solvent recycling areas.
7. Thirteen soil test borings and seven hand-augered soil test borings were completed during January 1992 at Building 369 to evaluate sumps, a clarifier, trenches, a press pit area, a chemical/waste storage area, a chiller unit and a freezer/cold box area. PCE, TCE, and/or TCA were identified in every soil test boring completed to evaluate current or historic site operations except one boring. In addition, petroleum-based hydrocarbons and aromatic hydrocarbons also were identified at the site.
8. During February 1992, a soil gas investigation was conducted in outside areas surrounding Building 369 and Building 371 to further evaluate and identify potential sources of volatile organic compounds (VOC) in the vicinity of the site. The soil gas investigation was limited only to the periphery of the

Clean-up and Abatement  
Order No. 92-066

- buildings and did not include the building interior. This soil gas investigation identified source(s) of VOC contaminants near or in close proximity to the southeastern corner of the Building 371 property.
9. Ground water monitoring well B-6-CW16, located upgradient of Building 371, and a downgradient ground water monitoring well cluster containing B-6-CW1, B-6-CW2, B-6-CW3, B-6-CW3R have been installed to investigate the ground water pollution at the vicinity of the site, as shown in Figure 4. Concentrations of chlorinated solvent, primarily PCE and TCE have been detected in ground water. The maximum concentrations of PCE was up to 14,000  $\mu\text{g}/\text{l}$  in well B-6-CW3 in April 1990, while the maximum concentration of PCE in well B6-CW16 was 180  $\mu\text{g}/\text{l}$ . Well B-6-CW3 is currently dry and has not been sampled since second quarter, 1990, due to declining water table elevation. Well B-6-CW3R subsequently was installed nearby B-6-CW3 and screened deeper in the aquifer. The ground water data collected to date indicate that highly contaminated ground water pollution is present in the vicinity of Plant B-6 Facilities, and appears to have originated from sources at the Plant B-6 East Facilities. Upgradient offsite sources are likely not contributing significantly as indicated by the upgradient well.
  10. The extent of the chlorinated volatile organics, petroleum-based hydrocarbons and aromatic hydrocarbons contaminants in soils and ground water underlying or migrating offsite have not been sufficiently characterized at either Building 371 or Building 369.
  11. PCE and TCE are the predominant contaminants impairing the ground water quality beneath the site. PCE and TCE are implicated in the pollution of the San Fernando Valley Ground Water Basin. PCE and TCE are both carcinogenic, are toxic by ingestion, and are listed as Proposition 65 pollutants. The Maximum Contamination Level in drinking water, developed by the California Department of Health Services, is 5  $\mu\text{g}/\text{l}$  for both PCE and TCE.
  12. On December 17, 1987, the Board issued a Cleanup and Abatement Order No. 87-161 which directed Lockheed to clean up contaminated soil and ground water resulting from leakage of a clarifier in Plant B-1, Building 175, and also to complete a comprehensive site assessment to determine the sources and extent of soil and ground water contamination at all the

Clean-up and Abatement  
Order No. 92-066

Lockheed facilities. Lockheed was required to conduct four tasks: 1) perform comprehensive site assessment for all facilities; 2) pump and treat the contaminated ground water beneath Building 175; 3) install a vapor extraction system to treat the contaminated soil beneath Building 175; and 4) remove wastes from the Plant B-1 abandoned waste disposal site. To date, most of the requirements have either been initiated or fulfilled by Lockheed. Lockheed has installed a 1,000 gallon per minute (gpm) ground water extraction and treatment facility at Plant B-1 which has operated since September 1988.

13. Order 87-161 remains in effect, until rescinded by this Board, except for Plant B-6 Facilities which is now superseded by requirements outlined in this Order. This Order is issued to direct Lockheed, PAC, and AREHLP specifically to clean up and abate the soil and ground water contamination identified during site investigations in Plant B-6 East Facilities.
14. The site is located in the San Fernando Subunit of the Los Angeles River Basin. The San Fernando Subunit contains several well fields which provide domestic supply water to the residents of Burbank, Glendale, and Los Angeles.
15. This Regional Board adopted a revised Water Quality Control Plan for the Los Angeles Region on June 3, 1991. This plan lists the beneficial uses of the San Fernando Subunit which underlies the facility. The beneficial uses, as described in the Basin Plan, include: municipal and domestic supply, agricultural supply, industrial service supply, and industrial process supply.
16. The discharge of PCE and TCE at Plant B-6 East Facilities has caused pollution of the ground water that now cannot be beneficially used for domestic drinking water supply because it contains PCE and TCE in concentrations exceeding the California Department of Health Services Maximum Contaminant Levels for these compounds.
17. The unauthorized discharge of wastes is in violation of Section 13260 of the California Water Code, which requires that any person proposing to discharge waste to land must file a report of waste discharge and receive requirement from the Board.

Clean-up and Abatement  
Order No. 92-066

18. The discharger has not submitted a report of waste discharge for the Plant B-6 Facilities. This Regional Board has not considered nor adopted waste discharge requirements for Plant B-6 East Facilities.
19. Section 13304 of the California Water Code states, in part, that:

"Any person.... who has caused or permitted..... any waste to be discharged or deposited where it is, or probably will be discharged into the water of the state and creates, or threatens to create, a condition of pollution or nuisance, shall upon order of the Regional Board clean up such waste or abate the effects thereof or, in the case of threatened pollution or nuisance, take other necessary remedial action."
20. This enforcement action is separate and distinct from the "Consent Decree" entered into by Lockheed, the City of Burbank and Weber Aircraft, Inc. with U. S. EPA, and filed with the United States District Court for the Central District of California (Docket No. 91-4527-MRP [Tx]). The Consent Decree involves the design, construction and operation of a 12,000 gpm ground water extraction, treatment, and distribution system to address regional ground water contamination in the Burbank area.
21. The purpose of this enforcement action is to identify and cleanup areas of the Plant B-6 East Facilities that are sources of contamination to ground water and/or have the potential of contaminating ground water in order to prevent further pollution of ground water. Also contained in this enforcement action is a provision to require the evaluation of the potential effectiveness of the Consent Decree's Phase I ground water extraction system (the first 6,000 gpm of capacity) in containing and cleaning up highly contaminated ground water in the vicinity of Plant B-6 East Facilities.
22. This enforcement action is being taken for the protection of the environment and as such is exempt from the provisions of the California Environmental Quality Act (Public Resources Code, Section 21000. et. seq.) in accordance with section 15321, Chapter 3, Title 14, California Administrative Code.

Clean-up and Abatement  
Order No. 92-066

IT IS HEREBY ORDERED, that pursuant to California Water code 13304, that Lockheed Advanced Development Company, Pacific Airmotive Corporation, and American Real Estate Holding Limited Partnership shall continue with the comprehensive site assessment program to determine the point sources of soil and ground water contamination, and clean up and abate the soil and ground water contamination beneath the Plant B-6 East Facilities by performing the following tasks:

1. Provide to the Board, a facility audit report documenting the industrial operations of all buildings on the Building 371 property before and after Lockheed purchased the property from PAC.
2. Provide to the Board, a revised soil gas report or addendum to the report dated April 24, 1992. The report must include a) contour maps depicting isoconcentrations of each of the volatile organic compounds detected; b) other interpretative conclusions relating soil gas investigation results to former and current operational units and previous soil test boring data from both Building 369 and Building 371, c) recommendations for companion soil test borings which must at a minimum include three borings to a depth of approximately 80 feet in the northwest corner and five 80-foot-deep borings along the eastern boundary, and d) recommendations for installation of multi-level, depth-specific vapor monitoring probes at locations including the southeast corner of Building 371 and in the northwest corner of Building 369, at a minimum.
3. Provide to the Board, for review and approval, a workplan to complete a supplementary subsurface soil investigation for Building 369 to further assess all point source areas evaluated during initial subsurface investigation. The workplan must propose a sufficient number of soil test boring completed to a minimum depth of 50 feet below land surface in each of the point source areas evaluated. A boring to refusal with a hollow stem auger (approximately 80 feet) is required in the area of the air conditioning chiller.
4. Provide to the Board, a hydrogeological assessment report of the area surrounding the Plant B-6 East Facilities. The area to be included in the assessment is bounded to the north by the San Fernando Boulevard, to the south by Winona Avenue, to the east by North Ontario Street, and to the west by North Hollywood Way. This report shall include an interpretation of ground water quality data collected to date, including all

Clean-up and Abatement  
Order No. 92-066

onsite wells and wells owned or operated by adjacent properties within the designated study areas. The report must contain recommendations for additional ground water monitoring wells to evaluate point source areas identified at the Plant B-6 East Facilities, and to evaluate the lateral and vertical extent of ground water pollution originating from Plant B-6 East vicinity.

5. Provide to the Board, for review and approval, a report of Cleanup Technology Evaluation and Proposed Approach to Soil Cleanup of contamination identified during soil gas investigation and soil test boring programs at the Plant B-6 East Facilities.
6. Provide to the Board, for review and approval, a report of Evaluation of the Potential Effectiveness of the Consent Decree Phase I Extraction System on Containment and Cleanup of Polluted Ground Water originating from the vicinity of the Plant B-6 East Facilities.
7. Perform the foregoing (Items 1-6) according to the following time schedule:

<u>Action</u>	<u>Workplan</u> (following review of reports from <u>Previous action</u> )	<u>Report</u> (following approval of <u>work plan</u> )
a. Site Audit for Building 371 (Item 1)		March 29, 1993
b. Soil-gas Investigation Report Revision (Item 2)		February 15, 1993
c. Supplementary Site Assessment for Building 369 (Item 3)	February 15, 1993	(12 Weeks)
d. Hydrogeological Assessment Report for Plant B-6 East Facilities (Item 4)		March 29, 1993

Clean-up and Abatement  
Order No. 92-066

- e. Soil Cleanup Technology Proposed Approach to Soil Cleanup (Item 5) May 30, 1993
  - f. Ground water Cleanup Evaluation (Item 6) June 30, 1993
8. In addition to hard copy reports, soil, soil gas and ground water results shall be submitted in digital form on computer disks stored in a standard data format, in accordance with Roy Sakaida's letter to Ron Helgerson dated December 10, 1992.
9. Provide to the Board, monthly progress reports until the site assessment work and cleanup activities are complete for the Plant B-6 East Facilities, submitted by the fifteenth day of the month. These monthly reports must discuss the following: 1) progress made in the previous month; 2) deliverables submitted to the Regional Board in the month previous; 3) anticipated activities for the following months; 4) deliverables to be submitted in the following months; 5) scheduled activities anticipated for the next four months

This Order may be revised by this Regional Board through its Executive Officer as additional information from the assessment(s) becomes available. The authority of the Regional Board, as contained in the California Water Code, to order investigation and cleanup additional to that described herein, is in no way limited by this order.

Failure to comply with the terms or conditions of this Order may result in imposition of civil liabilities, either administratively by the Regional board or judicially by the Superior Court in accordance with Section 13350, et seq., of the California Water Code, and/or referral to the Attorney General of the State of California for such action as he may deem appropriate.

Ordered by: Robert P. Ghirelli

Dated: December 22, 1992

Robert P. Ghirelli, D.Env.  
Executive Officer

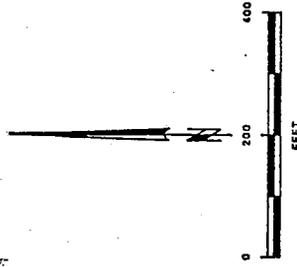
**EXPLANATION**

— LOCKHEED PROPERTY

—+— RAILROAD TRACKS

LADC LOCKHEED ADVANCED DEVELOPMENT COMPANY

PAC PACIFIC AIRMOTIVE CORPORATION



LOCKHEED ENGINEERING & SCIENCES COMP  
BURBANK, CALIFORNIA

**SITE LOCATION**

HARGIS + ASSOCIATES, INC. 4/92  
 PREP BY WJN REV BY XSM RPT NO. 3.4.1.10 410-0110  
 FIGURE 1

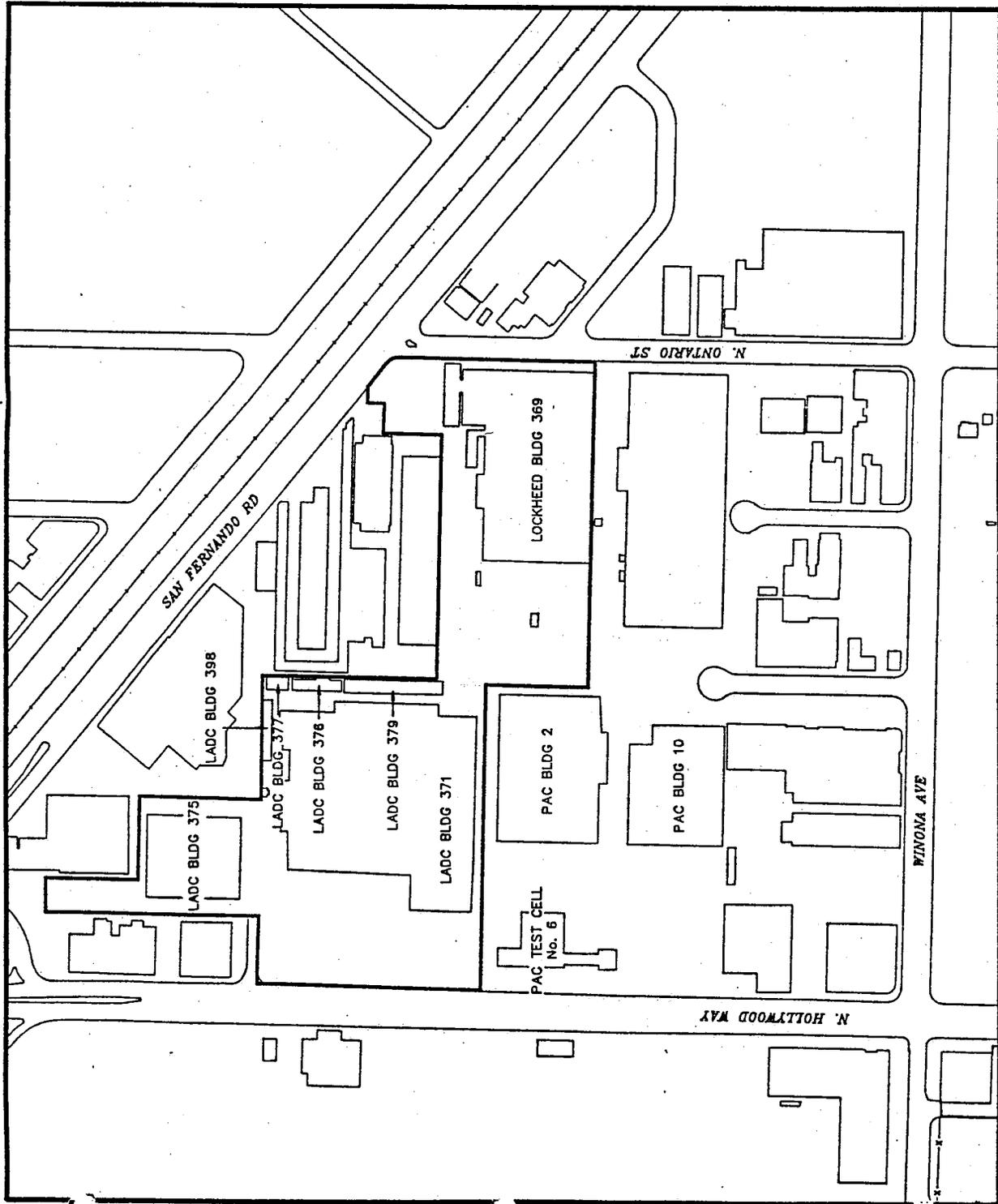
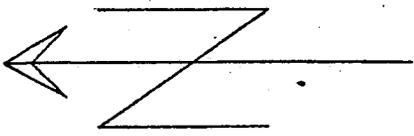


Figure 1

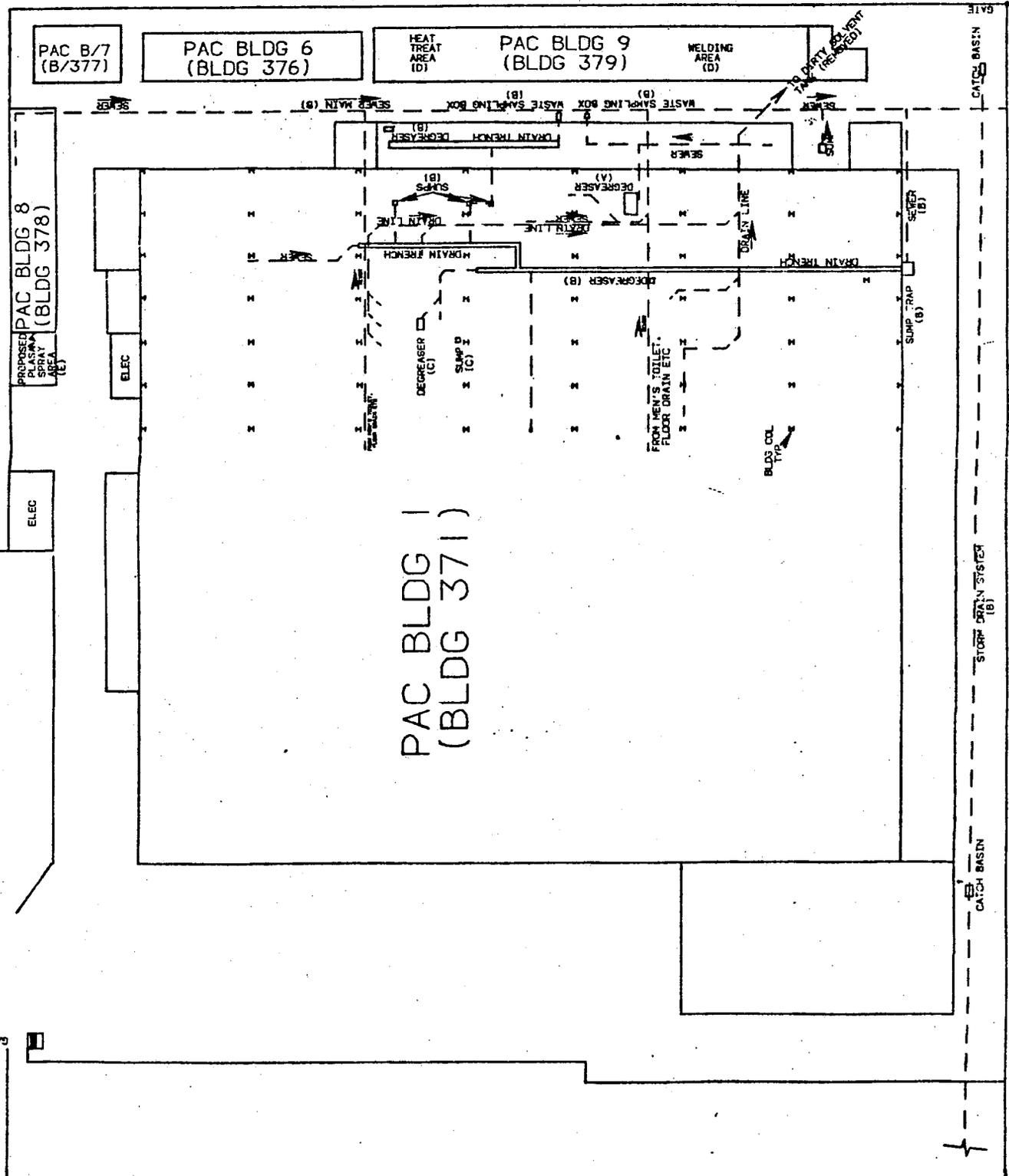


SOURCES OF INFORMATION:  
 DRAWINGS PREPARED BY  
 PUREX CORP. LTD FOR  
 PACIFIC AIRMOTIVE CORP.

- (A) 75-540-72 1/27/71
- (B) 75-500-11 5/13/71
- (C) 75-524-5 4/ 8/71
- (D) 75-540-86 4/19/71
- (E) 75-540-121 9/16/71

PACIFIC AIRMOTIVE CORP.  
 BUILDINGS 1, 6, 7, 8, AND 9.  
 SEWER MAIN, STORM DRAIN,  
 SUMPS, CLARIFIERS AND  
 DEGREASERS

Figure 2

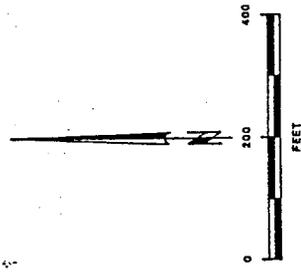


TO LINA ST.

# EXPLANATION

- DRUM STORAGE AREA
- CHEMICAL USE AREA
- UNDERGROUND STORAGE TANK
- SWAMP OR CLARIFIER
- DEGREASER
- PIPELINE ROUTE, QUERIED WHERE LOCATION IS UNKNOWN
- PREVIOUS SOIL GAS SAMPLING LOCATION
- LOCKHEED PROPERTY BOUNDARY
- RAILROAD TRACKS
- LOCKHEED ADVANCED DEVELOPMENT COMPANY
- PACIFIC AIRMOTIVE CORPORATION
- LAOC
- PAC

NOTES:  
 CHEMICAL USE AND STORAGE FACILITIES ARE IDENTIFIED IN TABLES 1 AND 2. LOCATIONS ARE APPROXIMATE AND QUERIED WHERE UNCERTAIN; SOIL GAS ANALYTICAL RESULTS ARE SUMMARIZED IN TABLE 3



LOCKHEED ENGINEERING & SCIENCES COMP BURBANK, CALIFORNIA
<b>CHEMICAL USE                  AND STORAGE FACILITIES</b>
HARGIS + ASSOCIATES, INC.      4/92
PREP BY <i>MIN</i> REV BY <i>RC</i> RPT NO. 3.4.1.10 410-0007 B
FIGURE 2

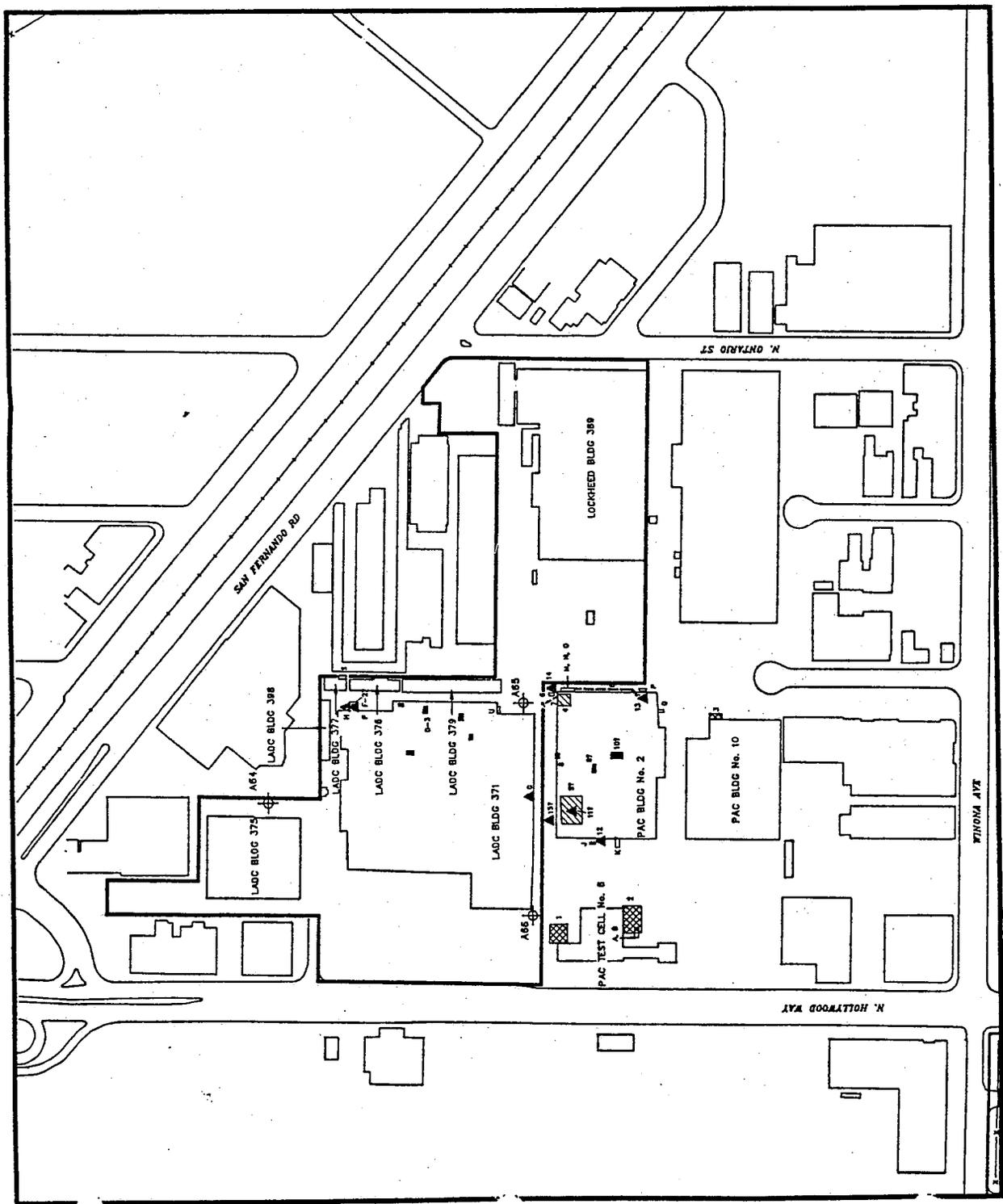
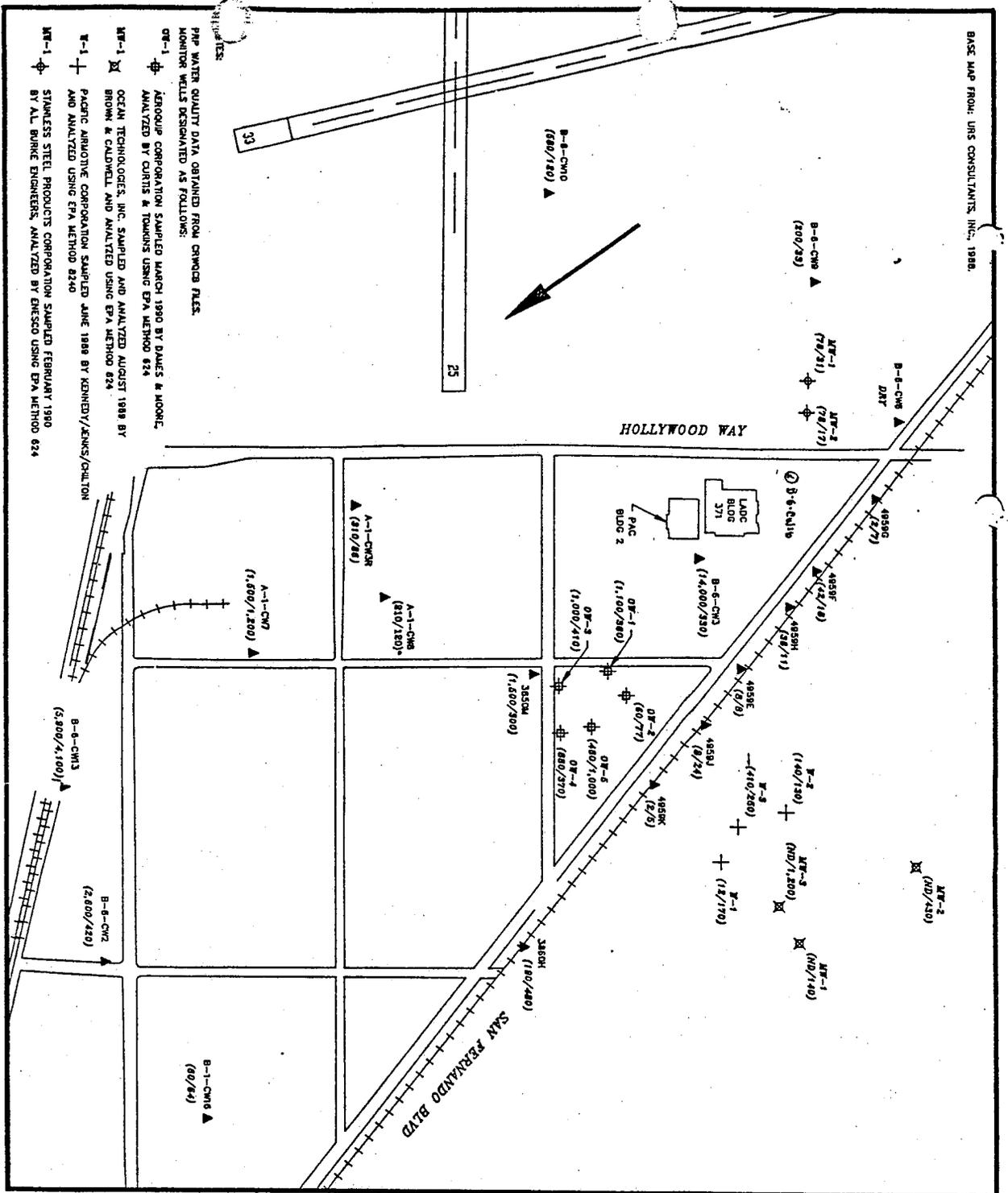


Figure 3



BASE MAP FROM: URS CONSULTANTS, INC., 1988.

POP WATER QUALITY DATA OBTAINED FROM CROWCO FILES.  
MONITOR WELLS DESIGNATED AS FOLLOWS:

OR-1 AEROCOP CORPORATION SAMPLED MARCH 1980 BY DAKES & MOORE, ANALYZED BY CURTIS & TOMMINS USING EPA METHOD 824

OR-1 OCEAN AIRMOTIVE CORPORATION SAMPLED AND ANALYZED AUGUST 1988 BY BROWN & CALDWELL AND ANALYZED USING EPA METHOD 824

OR-1 PACIFIC AIRMOTIVE CORPORATION SAMPLED JUNE 1988 BY KENNEDY/JENKINS/SHULTON AND ANALYZED USING EPA METHOD 824

OR-1 STAINLESS STEEL PRODUCTS CORPORATION SAMPLED FEBRUARY 1980 BY AL BIRKE ENGINEERS, ANALYZED BY ENESCO USING EPA METHOD 824

**EXPLANATION**

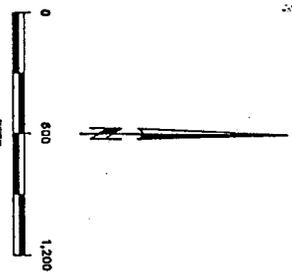
**SHALLOW MONITOR WELLS**

- ▲ 3180H LOCKHEED CORPORATION CONCENTRATIONS OF PCE/TCE IN MICROGRAMS PER LITER (100/400)
- NOT DETECTED
- LOCKHEED DEVELOPMENT COMPANY
- PACIFIC AIRMOTIVE CORPORATION
- ◇ POTENTIALLY RESPONSIBLE PARTY
- △ CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD, LOS ANGELES REGION
- TETRACHLOROETHYLENE
- TRICHLOROETHYLENE

GROUNDWATER SAMPLES COLLECTED IN JULY 1980 BY RADIAN CORPORATION.

DIRECTION OF GROUNDWATER FLOW JUNE 1980

NOTES: LOCKHEED WATER QUALITY DATA BASED ON GROUNDWATER SAMPLES COLLECTED IN APRIL AND MAY, 1980. SAMPLES ANALYZED BY ANALYTICAL TECHNOLOGIES, INC. USING EPA METHOD 8240 OR RADIAN LABORATORIES USING EPA METHOD 824 EXCEPT AS NOTED



LOCKHEED ENGINEERING & SCIENCES COMPANY  
BURBANK, CALIFORNIA

TETRACHLOROETHYLENE  
AND TRICHLOROETHYLENE  
SHALLOW MONITOR WELLS

HARGIS+ASSOCIATES, INC.

2/91  
FIGURE 1

PREPARED BY [Signature] REVIEWED BY [Signature] 34043510V01

Figure 4

22 December 2015

Ms. Gloria Pak  
California Regional Water Quality Control Board  
Los Angeles Region  
320 West 4th Street, Suite 200  
Los Angeles, CA 90013

Subject: Soil Vapor Rebound Testing and Confirmation Soil Sampling  
Former Pacific Airmotive Corporation Facility  
2960 North Hollywood Way  
Burbank, California

Dear Ms. Pak,

Geosyntec Consultants (Geosyntec) has prepared this technical letter report (report) on behalf of Pacific Airmotive Corporation (PAC) summarizing the results of confirmation soil sampling and soil vapor rebound testing performed at the former PAC facility located at 2960 North Hollywood Way in Burbank, California (Site; “2960 property”) (Figure 1). The report was prepared for submittal to the Regional Water Quality Control Board, Los Angeles Region (LARWQCB) in response to requests by the LARWQCB for supplementary data needed to evaluate a request for site closure and a formal determination that no further action be required for volatile organic compounds (VOCs) in vadose zone soils at the site.

## **BACKGROUND**

A soil vapor extraction (SVE) system was operated for 12 years to remediate soil impacted with chlorinated VOCs, primarily tetrachloroethene (PCE), that were present in the site subsurface as a result of historical aerospace operations. Soil remediation was required per LARWQCB Cleanup and Abatement Order (CAO) 92-066, issued 22 December 1992. The SVE system was commissioned in January 2002 and operated until February 2014, with brief periods of shutdown associated with site redevelopment.

A site-wide soil vapor monitoring event was performed by Geosyntec in August 2014, with results reported in October 2014. The October 2014 report also presented in-depth site background information, including site geology/hydrogeology, a summary of historical site operations, a summary of historical investigations and remediation, and a conceptual site model.

The October 2014 report also included a request for site closure and a formal determination that no further action be required for VOCs in soils at the site. In a comment letter dated 8 May 2015, the LARWQCB required that a post-SVE soil vapor rebound test be performed for the closure evaluation (Attachment 1). LARWQCB also required that confirmation soil sampling be performed in areas with documented historical impacts to demonstrate that residual VOCs in the adsorbed phase at the Site are minimal. A work plan for the rebound test and soil sampling was prepared by Geosyntec, dated 30 July 2015, which was subsequently approved by LARWQCB by letter dated 14 August 2015.

Soil vapor rebound sampling was completed on 30 August 2015. The rebound sampling event was performed approximately 18 months after the SVE system was shut down. Samples were screened in the field for total VOC concentrations and were analyzed by an offsite laboratory for speciated VOC concentrations. Soil vapor sampling results for wells sampled for the August 2014 monitoring event are presented on Figure 2.

Two of the soil borings proposed in the work plan, CSS-1 and CSS-2 (Figure 2), were completed on 29 and 30 August 2015 using hollow stem auger drilling technology. The CSS-1 and CSS-2 borings were advanced to total depths of approximately 135 feet below ground surface (ft bgs) as outlined in the work plan. Significant drilling challenges were encountered during installation of CSS-1 and CSS-2 due to the presence of cobbles, and it was concluded that hollow stem auger technology would not be a reliable drilling approach for the final boring, CSS-3 (Figure 2), which was proposed to be advanced to a total depth of 185 ft bgs.

Geosyntec submitted a work plan modification letter request to LARWQCB, dated 5 October 2015, to allow for the final soil boring to be advanced using sonic drilling technology to just above the target sampling interval (Attachment 1). In order to mitigate concerns about sample heating and VOC thermal desorption associated with the sonic drilling, a split-spoon sampler would be advanced ahead of the sonic drill casing to collect the sample. In addition, Geosyntec requested the following:

- Omitting collection of the proposed sample at the 125 ft bgs depth in CSS-3 to increase the probability of completing the boring during the two-day weekend window required by the property owner;
- Omission of lithological logging until the 160 ft bgs depth to expedite boring progress (the full-depth lithology in the vicinity of CSS-3 is known from previous logging during construction of nearby VSP-3); and
- Extension of the 30 October 2015 due date for the soil sampling and soil vapor rebound report to 4 December 2015.

In a letter dated 30 October 2015 (Attachment 1), LARWQCB approved Geosyntec's request to omit soil sampling at the 125 ft bgs interval and to begin lithological logging at 160 ft bgs in CSS-3. In addition, the report submittal due date was extended to 30 December 2015.

Soil boring CSS-3 was completed on 21 and 22 November 2015. The boring was advanced to a total depth of approximately 185 ft bgs in accordance with the approach outlined in the work plan modification. The remainder of this report summarizes the results of the soil and soil vapor rebound sampling events, and presents conclusions and recommendations based on these results.

## **SOIL SAMPLING**

### **Soil Sampling Procedure**

Confirmation soil samples were collected from three borings (CSS-1, CSS-2, and CSS-3) at the locations shown on Figure 2. For CSS-1 and CSS-2, soil samples were collected at depths of 115, 125, and 135 ft bgs. For CSS-3, soil samples were collected at depths of 165, 175, and 185 ft bgs. The boring locations and sample depths were selected based on their proximity to the areas with documented historical impacts and greatest residual concentrations of VOCs, as indicated by the August 2014 (Geosyntec, 2014) and other historical soil vapor monitoring data.

Soil borings CSS-1 and CSS-2 were advanced to 135 ft bgs on 29 August 2015 and 30 August 2015, respectively, using hollow stem auger drilling technology. Soil samples were collected from the target depths with a split-spoon sampler. CSS-3 was advanced to 185 ft bgs using sonic drilling technology and a split-spoon sampler on 21 and 22 November 2015. Sonic was used to advance to just above the target sampling interval, at which point a split-spoon sampler was advanced to obtain the samples at the target depths. During boring activities, soils were logged in accordance with American Society of Testing and Materials (ASTM) Standard D 2488 by Geosyntec personnel under the direction of a State of California licensed Professional Engineer. Lithological logging was performed for CSS-1 and CSS-2 for the full boring depth by evaluating the soil cuttings. CSS-3 was logged beginning at the 160 ft bgs depth in accordance with the approved work plan modification. Boring logs are presented in Attachment 2.

Soil samples were transported on ice under standard chain-of-custody protocol to Eurofins Calscience Inc. (Calscience), in Garden Grove, California, an offsite environmental laboratory accredited by the California Department of Public Health (CDPH) Environmental Laboratory Accreditation Program (ELAP). Samples were analyzed for PCE and trichloroethene (TCE) concentrations by United States Environmental Protection Agency (EPA) Method 8260B. Laboratory analytical reports are presented in Attachment 3.

Soil cuttings generated from borings were containerized in a lockable roll-off container and stored on site pending waste characterization. A sample was collected from the waste soil cuttings for characterization and waste disposal purposes. The sample was transported on ice under standard chain-of-custody protocol to Eurofins Calscience for VOC analysis by EPA Method 8260B and for Title 22 metals analysis by EPA Method 6010B/7471A. No VOCs were detected in the waste soil cuttings sample. A copy of the laboratory analytical report is provided in Attachment 3. The soil cuttings will be transported and disposed by a licensed waste transporter and disposal vendor.

**Soil Analytical Results**

The following table summarizes the analytical results from the soil sampling:

Boring	Sampling Depth (ft bgs)	PCE Soil Concentration (µg/kg)	TCE Soil Concentration (µg/kg)
CSS-1	115	ND<0.98	ND<2.0
	125	ND<1.0	ND<2.1
	135	ND<1.1	ND<2.2
CSS-2	115	ND<1.0	ND<2.0
	125	1.2	ND<1.4
	135	3.5	ND<2.1
CSS-3	165	6.3	5.6
	175	6.8	3.8
	185	1.3	ND<1.8

µg/kg – micrograms analyte per kilogram of soil  
 ND<X – analyte not detected above the laboratory analytical reporting limit of X

Laboratory analytical reports are provided in Attachment 3.

**Soil Sampling Conclusions**

PCE is the risk driver at the site. PCE concentrations in soil samples collected from the three confirmation borings were below detection limits in four of the nine soil samples and the maximum PCE detection was 6.8 µg/kg in CSS-3 at 175 ft bgs. The three confirmation borings and soil sample depths are proximal to locations where the highest soil vapor concentrations were detected in vapor sampling probes (VSPs) during the August 2014 site-wide soil vapor sampling event. These results indicate that SVE remediation at the site has been effective and residual VOCs in the vadose zone soil beneath the Site do not constitute a significant on-going source of impact to soil vapor or groundwater.

## SOIL VAPOR REBOUND SAMPLING

### Soil Vapor Rebound Sampling Procedures

SVE rebound testing was performed by Geosyntec personnel on 30 August 2015 in accordance with the requirements of the LARWQCB 8 May 2015 comment letter. A portable 1/2-horsepower regenerative blower was connected to the existing SVE conveyance piping for SVE well purging prior to sample collection. A minimum of three casing volumes were purged from individual SVE wells prior to field screening and laboratory sample collection. After purging, soil vapor samples were collected from the four individual SVE wells (SVE-1, SVE-2, SVE-3, and SVE-7) for field screening and for off-site laboratory analysis.

Photoionization detector (PID) field monitoring was performed for screening purposes. Soil vapor samples were collected in Tedlar™ bags and screened in the field for total VOC concentrations as hexane using a portable hand-held PID equipped with a 10.6 eV lamp. Soil vapor samples for laboratory analysis were collected from extraction wells using 1-liter, batch-certified Summa canisters. Laboratory samples were forwarded under standard chain-of-custody protocol to Eurofins Calscience and were analyzed for PCE and TCE concentrations by EPA Method TO-15.

### Soil Vapor Rebound Sampling Results

#### *PID Monitoring Results*

The following table presents the PID field results from individual SVE wells for the August 2015 rebound monitoring event. The February 2014 SVE shutdown monitoring event PID monitoring results are also included for comparison.

Sampling Event	SVE-1	SVE-2	SVE-3	SVE-7
Shutdown VOC PID Readings (ppmv)	26.0	119	28	25
Rebound VOC PID Readings (ppmv)	3.1	4.2	140.5	602.1

ppmv – parts per million by volume

*Laboratory Monitoring Results*

The following table presents the laboratory analytical results for PCE and TCE in the soil vapor rebound the samples collected in August 2015.

Extraction Well	PCE (µg/L)	TCE (µg/L)
SVE-1	0.87	0.013
SVE-2	0.16	0.034
SVE-3	6.0	0.13
SVE-7	940	8.1

The laboratory analytical results were evaluated relative to cleanup levels in accordance with the procedures presented in the approved workplan and in accordance with guidance presented in the LARWQCB 1996 Interim Site Assessment & Cleanup Guidebook (The Guidebook) (pg 5-5), which states that if rebound concentrations do not exceed 50 percent of the target soil cleanup screening concentration over a rebound period of one year, discontinuation of SVE is appropriate.

In accordance with the Guidebook, the soil cleanup screening concentrations are determined based on the potential for residual VOCs in vadose-zone soil to impact underlying groundwater, which is a function of the site lithology and the height of the impacts above the groundwater table. As such, soil cleanup screening concentrations are depth-specific. Based on a selected groundwater protection standard, soil cleanup screening concentrations are calculated such that the impact of residual VOCs in vadose-zone soil would not result in groundwater concentrations exceeding the protection standard. The default groundwater protection standard, per the Guidebook, is the respective analyte's California Maximum Contaminant Level (MCL). However, the Guidebook allows for groundwater protection levels exceeding the MCL at sites where impacts are present in groundwater from other sources.

The groundwater at the site contains PCE impacts associated with the regional Burbank Operable Unit (BOU) of the San Fernando Valley Superfund Site. Accordingly, in accordance with the Guidebook a groundwater protection standard greater than the MCL is justified. The groundwater protection standard for the site proposed in the work plan is the average PCE concentration of the groundwater in the site vicinity, which includes other impacts associated with the BOU. Based on the evaluation of groundwater concentrations presented in the work plan, a groundwater protection standard of 46 µg/L was selected for PCE, which is the primary chemical of concern at the Site.

Geosyntec used the Soil Vapor Extraction Endstate Tool (SVEET) model, prepared by Pacific Northwest National Laboratory (PNNL, 2013), to calculate threshold residual PCE soil vapor concentrations for the four SVE wells that would result in theoretical impacts to groundwater equal to 50 percent of the 46 µg/L protection standard, or 23 µg/L. Note also that for coarse-grained soils as are present at the Site, Appendix A of the Guidebook allows for direct comparison of soil vapor concentrations (in units of µg/L) to soil cleanup screening levels.

The distance between the bottom of the SVE well screen and groundwater, and each well screen length, was used to calculate the depth-specific maximum soil vapor concentrations that would result in PCE concentrations in groundwater not exceeding 23 µg/L at a theoretical monitoring well located hydraulically downgradient at the site boundary. The resulting PCE soil vapor concentrations for compliance with 50 percent of the proposed groundwater protection standard ranged from 85 to 158 ppmv, or 573 to 1,069 µg/L, for the four SVE wells, based on their specific screened intervals relative to groundwater. The table below presents these proposed soil cleanup screening PCE concentrations for each SVE well and the PCE concentrations detected in soil vapor rebound samples collected in August 2014.

Extraction Well	Target Residual PCE Soil Vapor Concentration (µg/L)	PCE Soil Vapor Concentration (µg/L)
SVE-1	696	0.87
SVE-2	573	0.16
SVE-3	1,069	6.0
SVE-7	679	940

The specific SVEET model calculations for each SVE well are included in Attachment 4. As shown in the table, the results for SVE-1, SVE-2, and SVE-3 were four orders of magnitude below the target cleanup levels. The result for SVE-7 exceeded the target cleanup level by a factor of about 1.4. However, as noted earlier, the PCE concentrations in the three confirmation soil samples from CSS-1 near SVE -7 were below detection limits.

### **Soil Vapor Rebound Conclusions**

The PID monitoring results showed declining concentrations for SVE-1 and SVE-2 and increasing concentrations for SVE-3 and SVE-7. The declines in SVE-1 and SVE-2 were contrary to theoretical expectations for soil vapor rebound; concentrations would be expected to have either remained relatively static or to increase. Similarly, the moderately elevated PID reading observed for SVE-3 after rebound was not corroborated by the laboratory vapor monitoring results. The

unexpected PID readings may have been associated with moisture interference with PID results during one or both monitoring events. PIDs are appropriate for screening and for long-term monitoring for multiple events; however, considerable variability in PID readings is common, as was observed for this study. Laboratory results are more reliable, and as such, more reliance is placed on the laboratory rebound monitoring results for this study due to their higher degree of precision and accuracy.

Laboratory PCE soil vapor concentrations detected in SVE-1, SVE-2, and SVE-3 samples were substantially lower than their respective target cleanup concentrations calculated using SVEET modeling, indicating that the long-term SVE remediation has been effective and residual VOCs in the vadose-zone will not significantly impact groundwater quality.

The PCE concentration of 940 µg/L detected in the sample from SVE-7 is above the proposed cleanup level of 679 µg/L. However, the cleanup level is a conservative value based on not exceeding 50% of the 46 µg/L groundwater protection standard, or 23 µg/L. The soil vapor cleanup value at SVE-7 is 1,358 µg/L for compliance at the actual (100% or 46 µg/L) target protection standard for groundwater. The detected concentration of PCE for SVE-7 would still theoretically result in impacts of only 69% of the groundwater protection standard. Thus, the detected result is still protective, but to a slightly less conservative degree than the 50% value and residual VOCs in the vadose-zone will not significantly impact groundwater quality.

The low PCE concentrations detected in the confirmation soil samples indicate that SVE has effectively remediated vadose zone soil. Residual sources of PCE in soil are minor and do not present a significant on-going source of soil vapor and groundwater impacts.

## **DATA VALIDATION**

Laboratory analytical reports are presented in Attachment 3. The analytical reports were reviewed for basic quality assurance/quality control (QA/QC) adherence, based on guidance in the EPA Control Laboratory Program National Functional Guidelines for Superfund Organic Methods Data Review (EPA, 2008) as well as pertinent methods referenced in the data packages and professional judgment. Data packages were reviewed for: chain-of-custody discrepancies; adherence to sample holding times; evaluation of the matrix spike/matrix spike duplicate (MS/MSD), and laboratory control spike/laboratory control spike duplicate (LCS/LCSD) results; and assessment of method blanks.

Review of the analytical data packages indicates QA/QC parameters and criteria were met, with the exceptions as noted in the data validation summary presented with the laboratory analytical reports presented in Attachment 3. Based on the validation results, the data are usable for meeting project objectives as qualified.

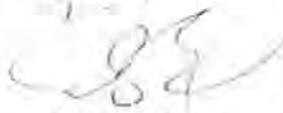
## CONCLUSIONS AND RECOMMENDATIONS

Laboratory analytical results for PCE in confirmation soil samples from CSS-1, CSS-2, and CSS-3 ranged from non-detect to a maximum of 6.8  $\mu\text{g}/\text{kg}$ , which supports that many years of SVE have successfully remediated soil. Similarly, soil vapor rebound laboratory analytical results for SVE-1, SVE-2, and SVE-3 were also very low. Although the soil vapor PCE rebound result of 940  $\mu\text{g}/\text{L}$  at SVE-7 was higher than the target cleanup value of 679  $\mu\text{g}/\text{L}$ , which is protective of groundwater with a factor of safety of two, the rebound value is 69% of the calculated screening level soil vapor concentration, which is still conservatively protective of groundwater.

The results of the soil confirmation sampling and soil vapor rebound monitoring events, along with an abundance of historical site cleanup monitoring data (previously reported), demonstrate that SVE has removed VOCs to the extent practical at the site. Evaluation of SVE performance in accordance with criteria specified in the LARWQCB Guidebook and SVEET demonstrates that residual VOCs will not significantly impact groundwater quality. As such, no further remedial actions are warranted for VOCs in soils at the site. Requirements of the CAO 92-066 have been met, and formal site closure and no further action determination are requested. Following site closure, the SVE system will be demobilized and the SVE wells and VSPs will be properly destroyed in accordance with County of Los Angeles regulations.

If you have questions or comments about this report, please do not hesitate to contact either of the undersigned at (858) 716-2908 or at (510) 285-2723, respectively.

Sincerely,



Chad Bird, PE  
Senior Engineer



Gordon Thrupp, PHD, PG, CHG  
Associate Hydrogeologist



## REFERENCES

EPA, 2008. *Contract Laboratory Program, National Functional Guidelines for Superfund Organic Methods Data Review*, June.

Geosyntec, 2014. *Soil Vapor Investigation Report, Former Pacific Airmotive Corporation Facility, 2960 North Hollywood Way, Burbank, California*. October.

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Ms. Gloria Pak  
22 December 2015  
Page 10

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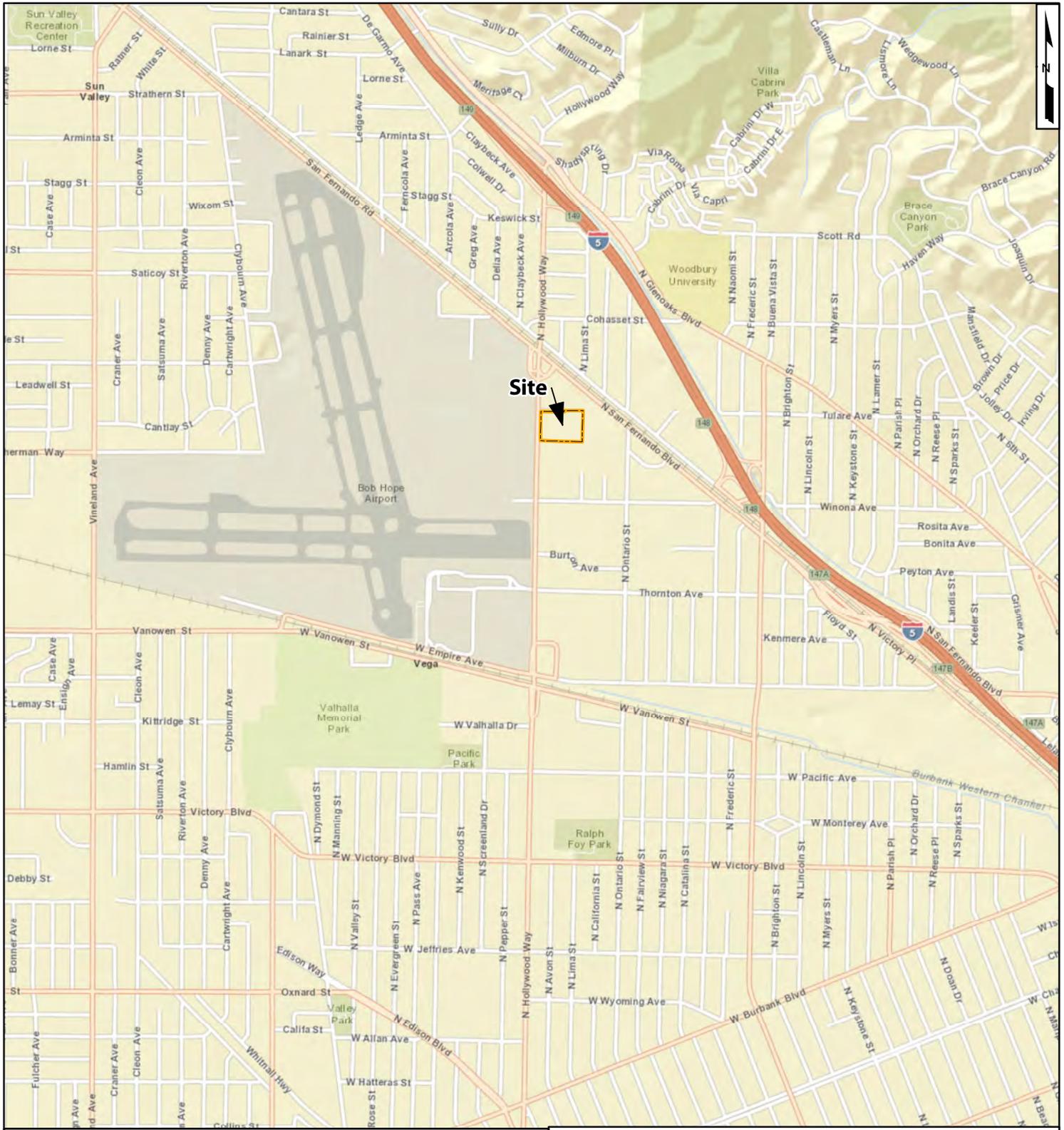
## **FIGURES**

Figure 1            Site Location  
Figure 2            Confirmation Soil Sampling Results

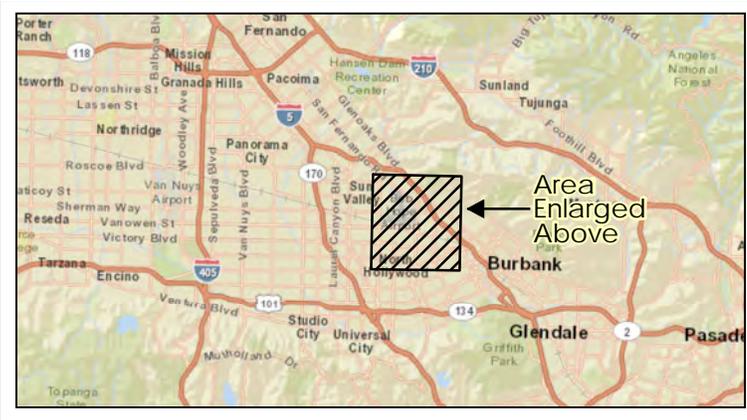
## **ATTACHMENTS**

Attachment 1: Correspondence  
Attachment 2: Boring Logs  
Attachment 3: Laboratory Analytical Reports  
Attachment 4: SVEET Calculations

# FIGURES



Site



### Site Location

Pacific Airmotive Corporation  
 2960 N. Hollywood Way  
 Burbank, California

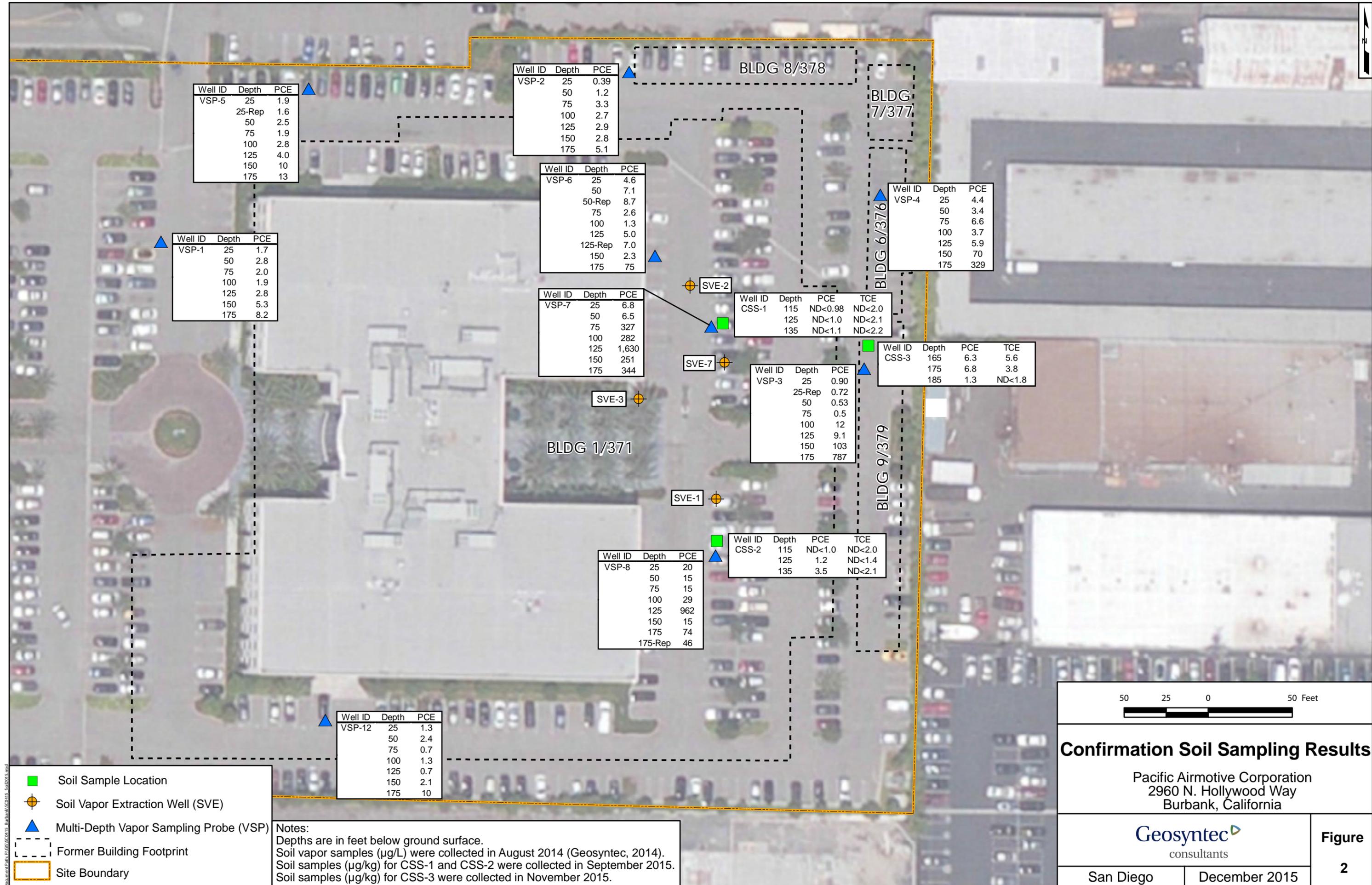
**Geosyntec**  
 consultants

**Figure**

**1**

San Diego

December 2015



Well ID	Depth	PCE
VSP-5	25	1.9
	25-Rep	1.6
	50	2.5
	75	1.9
	100	2.8
	125	4.0
	150	10
	175	13

Well ID	Depth	PCE
VSP-2	25	0.39
	50	1.2
	75	3.3
	100	2.7
	125	2.9
	150	2.8
	175	5.1

Well ID	Depth	PCE
VSP-6	25	4.6
	50	7.1
	50-Rep	8.7
	75	2.6
	100	1.3
	125	5.0
	125-Rep	7.0
	150	2.3
	175	75

Well ID	Depth	PCE
VSP-4	25	4.4
	50	3.4
	75	6.6
	100	3.7
	125	5.9
	150	70
	175	329

Well ID	Depth	PCE
VSP-1	25	1.7
	50	2.8
	75	2.0
	100	1.9
	125	2.8
	150	5.3
	175	8.2

Well ID	Depth	PCE
VSP-7	25	6.8
	50	6.5
	75	327
	100	282
	125	1,630
	150	251
	175	344

Well ID	Depth	PCE	TCE
CSS-1	115	ND<0.98	ND<2.0
	125	ND<1.0	ND<2.1
	135	ND<1.1	ND<2.2

Well ID	Depth	PCE	TCE
CSS-3	165	6.3	5.6
	175	6.8	3.8
	185	1.3	ND<1.8

Well ID	Depth	PCE
VSP-3	25	0.90
	25-Rep	0.72
	50	0.53
	75	0.5
	100	12
	125	9.1
	150	103
	175	787

Well ID	Depth	PCE
VSP-8	25	20
	50	15
	75	15
	100	29
	125	962
	150	15
	175	74
	175-Rep	46

Well ID	Depth	PCE	TCE
CSS-2	115	ND<1.0	ND<2.0
	125	1.2	ND<1.4
	135	3.5	ND<2.1

Well ID	Depth	PCE
VSP-12	25	1.3
	50	2.4
	75	0.7
	100	1.3
	125	0.7
	150	2.1
	175	10

- Soil Sample Location
- ⊕ Soil Vapor Extraction Well (SVE)
- ▲ Multi-Depth Vapor Sampling Probe (VSP)
- Former Building Footprint
- Site Boundary

Notes:  
 Depths are in feet below ground surface.  
 Soil vapor samples (µg/L) were collected in August 2014 (Geosyntec, 2014).  
 Soil samples (µg/kg) for CSS-1 and CSS-2 were collected in September 2015.  
 Soil samples (µg/kg) for CSS-3 were collected in November 2015.

50 25 0 50 Feet

### Confirmation Soil Sampling Results

Pacific Airmotive Corporation  
 2960 N. Hollywood Way  
 Burbank, California

**Figure**  
2

San Diego
December 2015

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STATE WATER RESOURCES CONTROL BOARD  
**GEOTRACKER**

CASE SUMMARY			
<u>REPORT DATE</u>		<u>HAZARDOUS MATERIAL INCIDENT REPORT FILED WITH OES?</u>	
<u>I. REPORTED BY -</u> UNKNOWN		<u>CREATED BY</u> UNKNOWN	
<u>III. SITE LOCATION</u>			
<u>FACILITY NAME</u> Pacific Airmotive Corporation		<u>FACILITY ID</u>	
<u>FACILITY ADDRESS</u> 2960 North Hollywood Way Burbank, ca 91505 LOS ANGELES COUNTY		<u>ORIENTATION OF SITE TO STREET</u>	
		<u>CROSS STREET</u>	
<u>V. SUBSTANCES RELEASED / CONTAMINANT(S) OF CONCERN</u>			
TETRACHLOROETHYLENE (PCE) TRICHLOROETHYLENE (TCE)			
<u>VI. DISCOVERY/ABATEMENT</u>			
<u>DATE DISCHARGE BEGAN</u>			
<u>DATE DISCOVERED</u>		<u>HOW DISCOVERED</u>	<u>DESCRIPTION</u>
<u>DATE STOPPED</u>		<u>STOP METHOD</u>	<u>DESCRIPTION</u>
<u>VII. SOURCE/CAUSE</u>			
<u>SOURCE OF DISCHARGE</u>		<u>CAUSE OF DISCHARGE</u>	
<u>DISCHARGE DESCRIPTION</u>			
<u>VIII. CASE TYPE</u>			
<u>CASE TYPE</u> Soil Soil Vapor			
<u>IX. REMEDIAL ACTION</u>			
NO REMEDIAL ACTIONS ENTERED			
<u>X. GENERAL COMMENTS</u>			
<p>The site is located at 2960 North Hollywood Way in Burbank, California in the Burbank Operable Unit (BOU) of the San Fernando Valley (SFV) Superfund - Area 1 (Site). Historical operations included aerospace manufacturing by Pacific Airmotive Corporation (PAC) from approximately 1941 to 1980 and subsequently by Lockheed Advanced Development Company (Lockheed) from 1981 to 1994. The primary building was originally called Building 1 during 1941 to 1980 (while PAC occupied the Site). Building 1 came to be called Building 371 during Lockheed's operation. The Site was redeveloped in 2000 and is currently occupied by a three-story commercial office building with surrounding parking.</p> <p>Cleanup and Abatement Order No. 92-066 (CAO) was issued to PAC, Lockheed, and American Real Estate Holding Limited Partnership on December 22, 1992. Pilot-testing for a soil vapor extraction system (SVE) began in 2001, followed immediately by full-scale operation until 2014, with brief interruptions associated with redevelopment activities and rebound testing. The mass removal rate has been asymptotic since approximately the beginning of 2011 (see Attachment 1 Figure 11), based on PID measurements. Rebound tests were conducted a total of three times between 2013 and 2015 using photoionization detector (PID) readings. The third rebound test was conducted at the request of the Regional Board in a letter dated May 8, 2015, requiring laboratory analysis of SVE well samples as part of the rebound testing. A Human Health Risk Assessment (HHRA) was conducted by Geosyntec and summarized in the Soil Vapor Investigation Report (Report) dated October 30, 2014. Geosyntec estimated the total vapor intrusion risk from PCE and TCE to be 7.4 x 10<sup>-6</sup> and the combined indoor air hazard quotient to be 0.19. The HHRA was reviewed by the Office of Environmental Health Hazard Assessment (OEHHA). In a memo dated January 20, 2015, OEHHA summarized their review of the Report and risk estimates, which were in agreement with the estimates of Geosyntec. Vapor intrusion risk and hazard for the Site were estimated to be less than the commercial/industrial land use thresholds of 10<sup>-5</sup> and 1.0, respectively.</p>			
<u>XI. CERTIFICATION</u>			
I HEREBY CERTIFY THAT THE INFORMATION REPORTED HEREIN IS TRUE AND ACCURATE TO THE BEST OF MY KNOWLEDGE.			
<u>XII. REGULATORY USE ONLY</u>			
<u>LOCAL AGENCY CASE NUMBER</u>		<u>REGIONAL BOARD CASE NUMBER</u> 104.1691	
<u>LOCAL AGENCY</u>			
UNKNOWN			
<u>REGIONAL BOARD</u>			
<u>CONTACT NAME</u> GLORIA PAK	<u>INITIALS</u> GP	<u>ORGANIZATION NAME</u> LOS ANGELES RWQCB (REGION 4)	<u>EMAIL ADDRESS</u> gloria.pak@waterboards.ca.gov
<u>ADDRESS</u> 320 West 4th Street, Suite 200 LOS ANGELES, CA 90013		<u>CONTACT DESCRIPTION</u>	
<u>PHONE TYPE</u> PHONE	<u>PHONE NUMBER</u> (213)-576-6731	<u>EXTENSION</u>	

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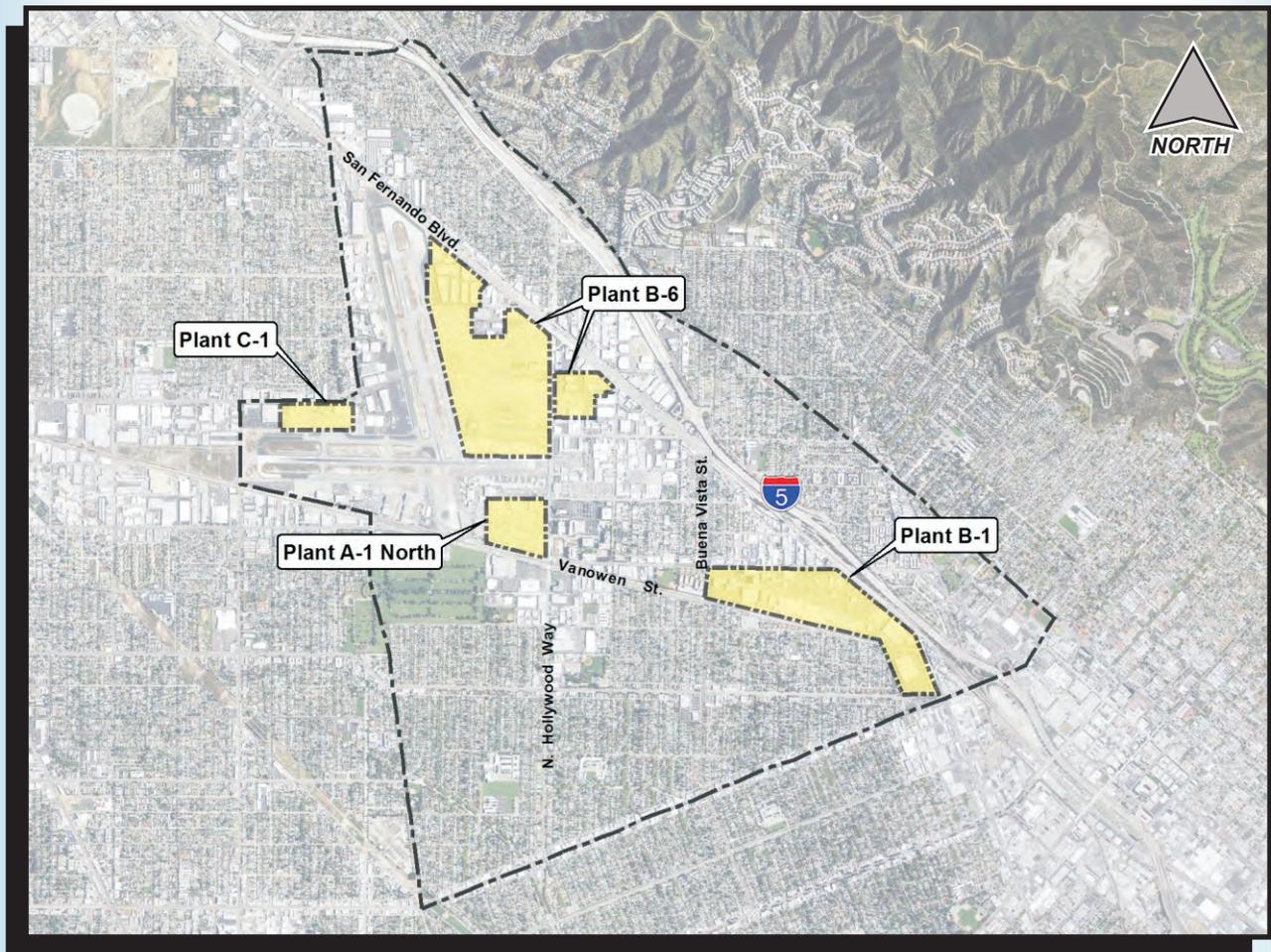
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# ADDITIONAL SITE INVESTIGATION REPORT FORMER LOCKHEED MARTIN PLANTS A-1 NORTH B-1, B-6, AND C-1, BURBANK, CALIFORNIA

DECEMBER 2014



Prepared for:



Prepared by:



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TC# 100-PAS-T32955.FP

Lockheed Martin Corporation, Shared Services  
Energy, Environment, Safety and Health  
2550 North Hollywood Way, Suite 406 Burbank, CA 91505  
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December 29, 2014

Via Electronic Mail

Larry Moore  
Staff Environmental Scientist  
Remediation Section  
Los Angeles Regional Water Quality Control Board  
320 West 4th Street, Suite 200  
Los Angeles, CA 90013

Subject: Response to Order No. R4-2013-0063  
*Additional Site Investigation Report Former Lockheed Martin Plants A-1 North, B-1, B-6,  
and C-1, Burbank, California*

Dear Mr. Moore:

Please find enclosed Lockheed Martin Corporation's (Lockheed Martin) *Additional Site Investigation Report Former Lockheed Martin Plants A-1 North, B-1, B-6, and C-1* (Report). This document was prepared in response to Los Angeles Regional Water Quality Control Board (Regional Board) issued Order No. R4-2013-0063 (Order).

Lockheed Martin looks forward to continued communication and is prepared to present a summary of the findings to Regional Board. Lockheed Martin also requests a meeting to discuss the need for additional soil and/or groundwater delineation efforts following the Regional Board's assessment of the data evaluation presented in this report.

If you have any questions regarding the enclosed report, please contact me at (720) 842-6121 or [liaht.rosenstein@lmco.com](mailto:liaht.rosenstein@lmco.com).

Sincerely,

A handwritten signature in black ink, appearing to read "Liaht Rosenstein".

Liaht Rosenstein  
Remediation Project Lead  
Lockheed Martin Corporation

Enclosure

cc: Gary Riley, USEPA Region IX  
William Mace, City of Burbank  
Mark Hardyment, BGPAA  
Nova Clite, OTIE  
Lisa Hamilton, GE

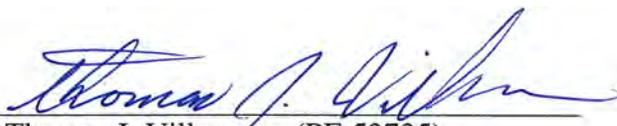
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# ADDITIONAL SITE INVESTIGATION REPORT FORMER LOCKHEED MARTIN PLANTS A-1 NORTH, B-1, B-6, AND C-1 BURBANK, CALIFORNIA

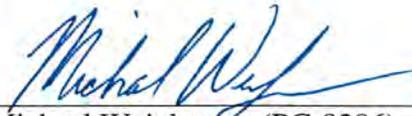
Prepared for:  
Lockheed Martin Corporation  
Corporate Energy, Environment, Safety & Health  
Burbank, California

Prepared by:  
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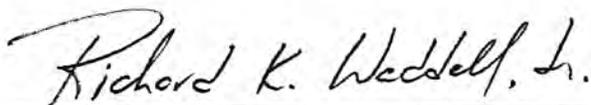
December 2014



Thomas J. Villeneuve (PE 53735)  
Project Manager



Michael Weinberger (PG 8286)  
Senior Geologist



Richard Waddell (PG 4736)  
Principal Hydrologist



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# TABLE OF CONTENTS

Section	Page
Executive Summary.....	ES-1
Section 1 Introduction .....	1-1
1.1 Regional Water Quality Control Board Order.....	1-1
1.2 Revised Work Plan.....	1-2
1.3 Objectives and Technical Approach.....	1-3
1.4 Report Organization .....	1-3
Section 2 Background.....	2-1
2.1 Site History.....	2-1
2.1.1 Plant B-1.....	2-1
2.1.2 Plant B-6.....	2-2
2.1.3 Plant C-1.....	2-3
2.2 Physical Setting.....	2-3
2.3 Regional Geology and Hydrogeology.....	2-3
2.3.1 Regional Geology.....	2-3
2.3.2 Regional Hydrogeology.....	2-5
2.4 Site Geology and Hydrogeology.....	2-6
2.4.1 Site Geology.....	2-6
2.4.2 Site Hydrogeology.....	2-6
2.5 Groundwater Quality.....	2-6
Section 3 Methodology.....	3-1
3.1 Pre-Drilling Activities.....	3-1
3.1.1 Investigation Support Documents.....	3-1
3.1.2 Permitting.....	3-1
3.1.3 Utility Clearance.....	3-2
3.2 Soil Sampling and Analyses.....	3-2
3.2.1 Drilling and Sampling Methodology.....	3-2
3.2.2 Laboratory Analyses.....	3-4
3.3 Volatile Organic Compounds.....	3-5
3.4 Deviations from the Work Plan.....	3-5
3.5 Equipment Decontamination.....	3-7
3.6 Surveying.....	3-7
3.7 Investigation-Derived Waste Management.....	3-7
Section 4 Analytical Results.....	4-10
4.1 Results.....	4-10
4.1.1 Environmental Analyses.....	4-10
4.1.2 Geochemical Analyses.....	4-12
4.1.3 Geotechnical Analyses.....	4-14
4.1.4 Available Hexavalent Chromium Attenuation Capacity Analyses.....	4-14
4.1.5 Leachability Analyses.....	4-14
4.2 Data Quality Assessment.....	4-14

Section 5 Hexavalent Chromium Evaluation .....	5-1
5.1 Geochemical Parameters .....	5-1
5.2 Available Hexavalent Chromium Attenuation Capacity .....	5-2
5.3 Synthetic Precipitation Leaching Procedure .....	5-2
5.4 Hexavalent Chromium Attenuation Assessment.....	5-4
5.4.1 Presence of Natural Reductants.....	5-4
5.4.2 Comparison of the Mass of Hexavalent Chromium and the AHCAC .....	5-4
5.4.3 Stability of Trivalent Chromium .....	5-6
5.4.4 No Net Oxidation of Trivalent Chromium to Hexavalent Chromium .....	5-6
5.5 Summary.....	5-6
Section 6 Conceptual Site Models.....	6-1
6.1 AOC 1 – Plant B-1 Seepage Pit DW-1.....	6-1
6.1.1 Geology and Hydrogeology within AOC 1 .....	6-1
6.1.2 Results of the Current Investigation .....	6-2
6.1.3 Adequacy of Delineation.....	6-2
6.1.4 Potential for Impact to Groundwater .....	6-2
6.2 AOC 2 – Plant B-1 Dry Wells DW-2 and DW-2A .....	6-2
6.2.1 Geology and Hydrogeology within AOC 2.....	6-2
6.2.2 Results of the Current Investigation .....	6-3
6.2.3 Adequacy of Delineation.....	6-3
6.2.4 Potential for Impact to Groundwater.....	6-4
6.3 AOC 3 – Plant B-1 Seepage Pit DW-3.....	6-4
6.3.1 Geology and Hydrogeology within AOC 3.....	6-4
6.3.2 Results of the Current Investigation .....	6-4
6.3.3 Adequacy of Delineation.....	6-5
6.3.4 Potential for Impact to Groundwater .....	6-5
6.4 AOC 4 – Plant B-1 Seepage Pit DW-4.....	6-5
6.4.1 Geology and Hydrogeology within AOC 4.....	6-5
6.4.2 Results of the Current Investigation .....	6-5
6.4.3 Adequacy of Delineation.....	6-6
6.4.4 Potential for Impact to Groundwater.....	6-6
6.5 AOC 5 – Plant B-1 Seepage Pit DW-5.....	6-6
6.5.1 Geology and Hydrogeology within AOC 5.....	6-6
6.5.2 Results of the Current Investigation .....	6-7
6.5.3 Adequacy of Delineation.....	6-7
6.5.4 Potential for Impact to Groundwater .....	6-7
6.6 AOC 6 – Plant B-1 Seepage Pit DW-6.....	6-7
6.6.1 Geology and Hydrogeology within AOC 6.....	6-7
6.6.2 Results of the Current Investigation .....	6-8
6.6.3 Adequacy of Delineation.....	6-8
6.6.4 Potential for Impact to Groundwater.....	6-8
6.7 AOC 7 – Plant B-1 Building 175 Vapor Degreaser and Clarifier .....	6-8
6.7.1 Geology and Hydrogeology within AOC 7.....	6-9
6.7.2 Results of the Current Investigation .....	6-9
6.7.3 Adequacy of Delineation.....	6-10
6.7.4 Potential for Impact to Groundwater.....	6-10
6.8 AOC 8 and AOC 9 – Plant B-1 Former Buried Waste Area.....	6-10

6.8.1	Geology and Hydrogeology within AOC 8 and AOC 9.....	6-11
6.8.2	Results of the Current Investigation.....	6-11
6.8.3	Adequacy of Delineation.....	6-11
6.8.4	Potential for Impact to Groundwater.....	6-12
6.9	AOC 11 – Plant B-6 Building 371 Former Chromium Passivation Area.....	6-12
6.9.1	Geology and Hydrogeology within AOC 11.....	6-13
6.9.2	Results of the Current Investigation.....	6-13
6.9.3	Adequacy of Delineation.....	6-14
6.9.4	Potential for Impact to Groundwater.....	6-14
6.10	AOC 12 – Plant B-6 Building 357 Seepage Pits.....	6-14
6.10.1	Geology and Hydrogeology within AOC 12.....	6-14
6.10.2	Results of the Current Investigation.....	6-15
6.10.3	Adequacy of Delineation.....	6-15
6.10.4	Potential for Impact to Groundwater.....	6-15
6.11	AOC 13 – Plant B-6 Building 353 Dry Wells and Clarifier B-6-F.....	6-15
6.11.1	Geology and Hydrogeology within AOC 13.....	6-15
6.11.2	Results of the Current Investigation.....	6-16
6.11.3	Adequacy of Delineation.....	6-16
6.11.4	Potential for Impact to Groundwater.....	6-16
6.12	AOC 14 – Plant B-6 Building 340 Dry Well.....	6-17
6.12.1	Geology and Hydrogeology within AOC 14.....	6-17
6.12.2	Results of the Current Investigation.....	6-17
6.12.3	Adequacy of Delineation.....	6-17
6.12.4	Potential for Impact to Groundwater.....	6-18
6.13	AOC 15 – Plant B-6 Buildings 332-333 Seepage Pits.....	6-18
6.13.1	Geology and Hydrogeology within AOC 15.....	6-18
6.13.2	Results of the Current Investigation.....	6-18
6.13.3	Adequacy of Delineation.....	6-18
6.13.4	Potential for Impact to Groundwater.....	6-19
6.14	AOC 16 – Plant B-6 Building 310 Metal Finishing LineS, Sump, and Sand Traps.....	6-19
6.14.1	Geology and Hydrogeology within AOC 16.....	6-19
6.14.2	Results of the Current Investigation.....	6-19
6.14.3	Adequacy of Delineation.....	6-20
6.14.4	Potential for Impact to Groundwater.....	6-20
6.15	AOC 17 – Plant B-6 Building 88 Seepage Pits.....	6-20
6.15.1	Geology and Hydrogeology within AOC 17.....	6-20
6.15.2	Results of the Current Investigation.....	6-20
6.15.3	Adequacy of Delineation.....	6-21
6.15.4	Potential for Impact to Groundwater.....	6-21
6.16	AOC 18 – Plant B-6 Building 83 Clarifier, Sumps, and Sand Traps.....	6-21
6.16.1	Geology and Hydrogeology within AOC 18.....	6-21
6.16.2	Results of the Current Investigation.....	6-21
6.16.3	Adequacy of Delineation.....	6-22
6.16.4	Potential for Impact to Groundwater.....	6-22
6.17	AOC 19 – Plant B-6 Building 82 Metal Finishing Process Line, Sump, Sand Trap, and Pits.....	6-22

---

6.17.1	Geology and Hydrogeology within AOC 19 .....	6-22
6.17.2	Results of the Current Investigation .....	6-22
6.17.3	Adequacy of Delineation .....	6-23
6.17.4	Potential for Impact to Groundwater .....	6-23
6.18	AOC 20 – Plant C-1 Leach Fields and Building 50 Dry Well .....	6-23
6.18.1	Geology and Hydrogeology within AOC 20 .....	6-23
6.18.2	Results of the Current Investigation .....	6-24
6.18.3	Adequacy of Delineation .....	6-24
6.18.4	Potential for Impact to Groundwater .....	6-24
Section 7 Conclusions and Recommendations .....		7-1
Section 8 References .....		8-1

## **APPENDICES**

<b>APPENDIX A</b>	<b>FAA DETERMINATION LETTER</b>
<b>APPENDIX B</b>	<b>BORING LOGS</b>
<b>APPENDIX C</b>	<b>HEXAVALENT CHROMIUM EVALUATION</b>
<b>APPENDIX D</b>	<b>SURVEY DATA</b>
<b>APPENDIX E</b>	<b>NON-HAZARDOUS WASTE MANIFESTS</b>
<b>APPENDIX F</b>	<b>LABORATORY ANALYTICAL REPORTS</b>
<b>APPENDIX G</b>	<b>LABORATORY GEOTECHNICAL REPORTS</b>
<b>APPENDIX H</b>	<b>DATA VALIDATION MEMORANDUM</b>
<b>APPENDIX I</b>	<b>HISTORICAL INFORMATION OF AREAS OF CONCERN</b>

## **LIST OF TABLES**

### **Section 4**

Table 1	Soil Analytical Data – Chemical Analyses
Table 2	Soil Analytical Data – Geochemical Analyses
Table 3	Soil Analytical Data – Geotechnical Analyses
Table 4	Soil Analytical Data – Available Hexavalent Chromium Attenuation Capacity Analyses
Table 5	Soil Analytical Data – Leachability Analyses

---

## Section 5

Table 6 Comparison of Hexavalent Chromium Mass and Total Available Hexavalent Chromium Attenuation Capacity

# LIST OF FIGURES

## Executive Summary

Figure ES-1 Potential Hexavalent Chromium Threats to Groundwater

## Section 1

Figure 1 Site Location Map

## Section 2

Figure 2 Physical Setting Map

Figure 3 Potentiometric Surface Map in Water Table HSU, April 2014

Figure 4 Tetrachloroethene Concentrations in WT-HSU Wells, April 2014

Figure 5 Trichloroethene Concentrations in WT-HSU Wells, April 2014

Figure 6 Total Chromium Concentrations in WT-HSU Wells, April 2014

Figure 7 Hexavalent Chromium Concentrations in WT-HSU Wells, April 2014

## Section 3

Figure 8 Boring Locations – Former Plant B-1

Figure 9 Boring Locations – Former Plants B-6 and C-1

## Section 4

Figure 10 Histograms of pH Measurements from Original Sampling and from AOC4-1

## Section 6

Figure 11 Cross-Section A-A' – AOC 1

Figure 12 Cross-Section B-B' – AOC 2

Figure 13 Cross-Section C-C' – AOC 3

Figure 14 Cross-Section D-D' – AOC 4

Figure 15 Cross-Section E-E' – AOC 5

Figure 16 Cross-Section F-F' – AOC 6

Figure 17 Cross-Section G-G' – AOC 7

Figure 18 Cross-Sections H-H', I-I', and J-J' – AOC 8 and 9

Figure 19 Cross-Section K-K' – AOC 11

---

Figure 20	Cross-Section L-L' – AOC 12
Figure 21	Cross-Section M-M' – AOC 13
Figure 22	Cross-Section N-N' – AOC 14
Figure 23	Cross-Section O-O' – AOC 15
Figure 24	Cross-Section P-P' – AOC 16
Figure 25	Cross-Section Q-Q' – AOC 17
Figure 26	Cross-Section R-R' – AOC 18
Figure 27	Cross-Section S-S' – AOC 19
Figure 28	Cross-Sections T-T' and U-U' – AOC 20

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## ACRONYMS AND ABBREVIATIONS

AHCAC	available hexavalent chromium attenuation capacity
AOC	area of concern
AETL	American Environmental Testing Laboratory, Inc.
Airport Authority	Burbank-Glendale-Pasadena Airport Authority
API	American Petroleum Institute
ASTM	American Society for Testing and Materials
AWDS	Abandoned Waste Disposal Site
BOU	Burbank Operable Unit
bgs	below ground surface
CSM	conceptual site model
FAA	Federal Aviation Administration
HSA	hollow-stem auger
HSU	hydrostratigraphic unit
kg	kilogram
Lockheed Martin	Lockheed Martin Corporation
$\mu\text{g/g}$	micrograms per gram
$\mu\text{g/kg}$	micrograms per kilogram
$\mu\text{g/L}$	micrograms per liter
mg	milligram
mg/kg	milligrams per kilogram
NAD 83	North American Datum of 1983
NAVD 88	North American Vertical Datum of 1988
ND	non-detect
OVA	organic vapor analyzer

---

Order	California Water Code Section 13267 Order No. R4-2013-0063
PCE	tetrachloroethene
PID	photo-ionization detector
ppm	parts per million
QA/QC	quality assurance/quality control
QAPP	Quality Assurance Project Plan
Regional Board	Regional Water Quality Control Board Los Angeles
site	former Lockheed Martin Burbank facilities
SFV	San Fernando Valley
SPLP	Synthetic Precipitation Leaching Procedure
SPLP II	Synthetic Precipitation Leaching Procedure using Extraction Fluid #2
SPLP III	Synthetic Precipitation Leaching Procedure using Extraction Fluid #3
SVE	soil vapor extraction
TCE	trichloroethene
USCS	Unified Soil Classification System
USEPA	United States Environmental Protection Agency
UST	underground storage tank
VOCs	volatile organic compounds
WT	water table
WTP	water treatment plant

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## EXECUTIVE SUMMARY

This report summarizes recent soil investigations conducted at the former Lockheed Martin Corporation (Lockheed Martin) Burbank facilities (the site). The site is located within the Burbank Operable Unit (BOU) of the San Fernando Valley Superfund Area 1. The investigations were conducted as mandated by the Regional Water Quality Control Board, Los Angeles (Regional Board) pursuant to California Water Code Section 13267 Order No. R4-2013-0063 (the Order), issued to Lockheed Martin on 18 April 2013, in accordance with a Regional Board-approved work plan, and as modified by subsequent Regional Board and Lockheed Martin correspondence. The work plan outlined the investigation of former features at 19 areas of concern (AOCs) at former Plants B-1, B-6, and C-1. All 19 of the AOCs were to be investigated for hexavalent chromium in soil and 8 were to be investigated for volatile organic compounds (VOCs) in soil, with the objective of identifying potential sources that could contribute to groundwater.

A total of 30 soil borings were drilled and sampled in the AOCs from 02 September 2014 to 06 November 2014. Soil samples were collected every 5 feet, and one sample from each 10-foot interval was analyzed for total chromium by United States Environmental Protection Agency (USEPA) Method SW3050B/6020A and hexavalent chromium by USEPA Method SW3060A/7199.

Boreholes in AOCs 2, 4 through 9, and 11 were investigated for VOCs in addition to hexavalent chromium. The work plan protocol included collection of soil samples for VOC testing and installation of soil-gas probes based on field screening results. However, no soil samples exhibited photo-ionization detector (PID) headspace readings greater than the field screening criteria of 50 parts per million (ppm), so no soil samples were analyzed for VOCs and no soil-gas probes were installed.

Total chromium was detected in all of the samples tested. Hexavalent chromium was detected in only 10 of the 30 borings that were completed at the site (in AOCs 2, 7, 8, 9, 11, and 13). A summary of the results of the hexavalent chromium testing is presented in the table below.

Plant	AOC #	Bore Hole #	Depth of Borehole (feet bgs)	Number of Samples Tested	Number of Hexavalent Chromium Detections	Range of Hexavalent Chromium Concentrations (mg/kg)
B-1	1	1	150	15	0	ND<0.10
	2	1	150	18	3	0.217 to 0.918
	3	1	150	17	0	ND<0.10
	4	1	150	14	0	ND<0.10
	5	1	150	16	0	ND<0.10
	6	1	150	14	0	ND<0.10
	7	1	150	16	0	ND<0.10
		2	150	14	14	0.627 to 10.5
	8/9	1	60	7	3	0.61 to 32
		2	60	7	5	1.39 to 9.06
		3	60	7	5	0.533 to 11.4
		4	60	6	3	0.338 to 3.88
B-6	11	1R	100	10	5	0.426 to 1.83
		2	100	10	2	0.646 to 0.871
	12	1	100	10	0	ND<0.10
	13	1	100	12	2	0.530 to 0.645
		2	100	11	1	0.396
	14	1	100	11	0	ND<0.10
	15	1	100	10	0	ND<0.10
	16	1	100	10	0	ND<0.10
		2	100	10	0	ND<0.10
	17	1	100	11	0	ND<0.10
		2	100	10	0	ND<0.10
	18	1	100	11	0	ND<0.10
		2	100	10	0	ND<0.10
		3	100	12	0	ND<0.10
	19	1	100	10	0	ND<0.10
2		100	11	0	ND<0.10	
C-1	20	1	100	10	0	ND<0.10
	20	2	100	10	0	ND<0.10

Notes: AOC = area of concern    bgs = below ground surface    mg/kg = milligrams per kilogram  
ND = not detected above the limit indicated

Leachability and attenuation capacity of hexavalent chromium (i.e., the natural transformation of hexavalent chromium to trivalent chromium, and the subsequent precipitation of trivalent chromium as a low solubility hydroxide) were evaluated at various locations across the AOCs. Selected samples from various boreholes and depths across the site with and without detections of hexavalent chromium were analyzed for geochemical parameters, geotechnical properties, available hexavalent chromium attenuation capacity (AHCAC), and leachability using a modified Synthetic Precipitation Leaching Procedure (SPLP). The results were used to evaluate the potential future mobility of

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residual hexavalent chromium mass detected in the vadose zone, and thus the potential risk of impacts to groundwater.

Key findings from this additional site investigation are summarized below and on Figure ES-1.

- VOCs were not detected in soil vapor above the field screening criteria in any of the AOCs.
- The AHCAC analyses revealed that site soils have the capacity to reduce hexavalent chromium to much less toxic trivalent chromium, resulting in its natural attenuation in the vadose zone. Where reduction of hexavalent chromium to trivalent chromium has occurred, there is no evidence to suggest that the trivalent chromium will be remobilized in the future.

#### **Findings from AOCs 1, 3, 4, 5, 6, 12, 14, 15, 16, 17, 18, 19, and 20**

- Hexavalent chromium was not detected in any samples from these 13 AOCs. The features specified in the Order formerly located within these 13 AOCs have been adequately delineated and do not represent a significant current or future source of hexavalent chromium in soil or to groundwater.

#### **Findings from AOCs 2, 11, 13**

- Hexavalent chromium was detected in 13 samples from borings located at AOC-2 (former Plant B-1 dry wells), AOC-11 (former Plant B-6 Building 371 chromium passivation area) and AOC-13 (former Plant B-6 Building 357 seepage pits). The calculated AHCAC values for the site indicate that the small mass of hexavalent chromium present in the vadose zone beneath these AOCs is unlikely to migrate to the water table under current conditions. Therefore, no further delineation is recommended for these AOCs and the detected hexavalent chromium does not represent a significant current or future source of hexavalent chromium in soil or to groundwater.

#### **Findings from AOC 7**

- Hexavalent chromium was detected in one of the borings in AOC 7 (AOC7-2) from a depth of 10 feet below ground surface (bgs) to drilling refusal at 135 feet. Boring AOC7-2 is associated with a former degreaser located in Building 175 at the former Lockheed Martin Plant B-1. Full delineation of hexavalent chromium in the vicinity of AOC7-2 is not complete and additional investigation may be warranted.
- The analytical results suggest that the hexavalent chromium mass in the vadose zone at AOC7-2 exceeded the AHCAC of the soil to a depth of at least 135 feet, allowing the migration of hexavalent chromium to this depth. Groundwater is presently estimated to be greater than 170 feet bgs.
- The closure of the former manufacturing activities at Building 175 in 1991 eliminated former processes associated with the manufacturing that may have driven infiltration. Although the rate of water migration downward through the vadose zone has not been evaluated at the site, the change in use of the property resulted in less permeable area open to precipitation (the former Building location is presently paved) and concurrent changes in water-use

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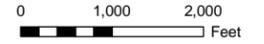
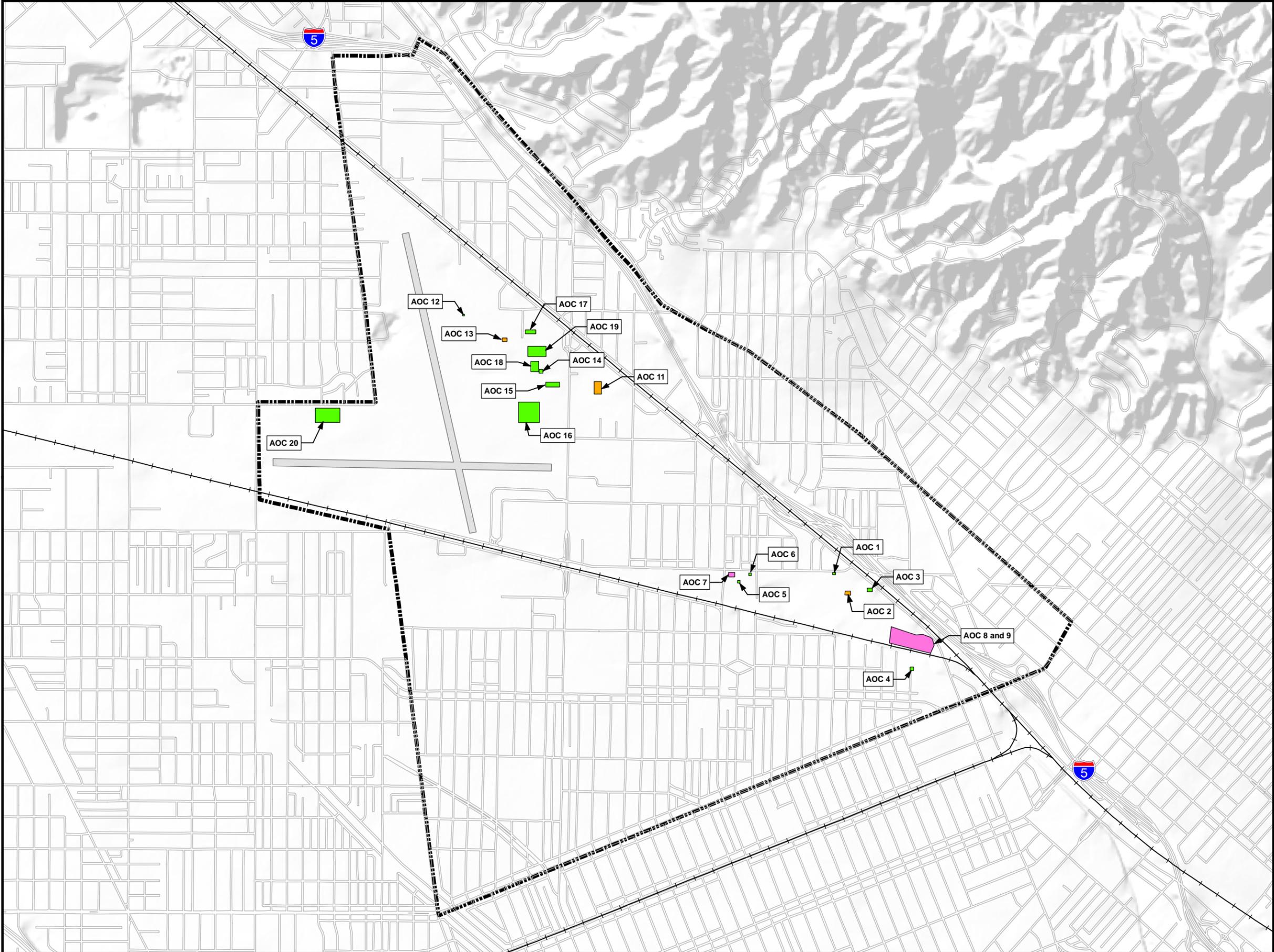
practices are expected to have reduced the potential for continued migration of the hexavalent chromium toward the water table.

- AOC 7 is upgradient of the BOU groundwater extraction and treatment system and based on capture zone analysis performed as part of the BOU semiannual groundwater monitoring program (Tetra Tech, 2014b), the AOC falls within the capture zone of the extraction system. Based on the capture zone analysis any impacted groundwater associated with this feature is presently captured.

### **AOCs 8 and 9**

- AOCs 8 and 9 include the former buried waste area in the southeast corner of the former Plant B-1. During the demolition of buildings in the vicinity buried waste was discovered and excavated to depths as great as 23 feet bgs.
- Hexavalent chromium was detected in AOCs 8 and 9 during this investigation from 5 feet bgs to total depth at 60 feet bgs. The delineation of hexavalent chromium detected at AOCs 8 and 9 is not complete, and additional investigation may be warranted.
- The analytical results indicate that the hexavalent chromium mass presently in the vadose zone at one or more borings in AOCs 8 and 9 likely exceeds the AHCAC of the natural soil, potentially allowing the migration of hexavalent chromium if infiltration occurs. The former buried waste area is presently paved with asphalt-concrete, however, and the potential for remobilization of hexavalent chromium at depth in the vadose zone is reduced from the prior usage of this area.
- AOCs 8 and 9 are adjacent to the BOU groundwater extraction and treatment system and based on capture zone analysis performed as part of the BOU semiannual groundwater monitoring program (Tetra Tech, 2014b), the AOC falls within the capture zone of the extraction system. Based on the capture zone analysis any potentially impacted groundwater that is associated with this feature is presently captured.

Lockheed Martin will discuss the need for additional soil and/or groundwater delineation efforts following the Regional Board assessment of the data and findings presented in this report. Future site characterization activities will then be described in work planning documents prepared for Regional Board review.



- +— Railroad
- ⬠ Burbank Operable Unit Boundary
- Areas of concern in which hexavalent chromium was not detected in soil and there are no apparent hexavalent chromium threats to groundwater
- Areas of concern in which low levels of hexavalent chromium were detected in soil but there are no apparent hexavalent chromium threats to groundwater due to the attenuation capacity of the soil
- Areas of concern in which hexavalent chromium was detected in soil and there are potential hexavalent chromium threats to groundwater

BURBANK OPERABLE UNIT
<b>ES-1</b>
<b>Potential Hexavalent Chromium Threats to Groundwater</b>
<b>TETRA TECH</b>

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# **Section 1 INTRODUCTION**

On behalf of Lockheed Martin Corporation (Lockheed Martin), Tetra Tech has prepared this report summarizing the additional investigation of selected features at the former Lockheed Martin Burbank facilities (the site). The site (Figure 1) is located within the Burbank Operable Unit (BOU) of the San Fernando Valley Superfund Area 1, and includes specific areas of concern (AOCs) identified by the Regional Water Quality Control Board, Los Angeles (Regional Board) within former Plants A-1 North, B-1, B-6, and C-1.

## **1.1 REGIONAL WATER QUALITY CONTROL BOARD ORDER**

The investigation activities at the site were performed pursuant to California Water Code Section 13267 Order No. R4-2013-0063 (the Order), issued to Lockheed Martin on 18 April 2013 by the Regional Board. The Order required Lockheed Martin to submit an Investigation Work Plan to delineate the extent of certain waste constituents, specifically volatile organic compounds (VOCs) and hexavalent chromium, in the subsurface soil and groundwater that may have originated from the former Lockheed Martin facilities specified in the Order. The Order identified between one and five specific features located at 20 AOCs. All of the AOCs were to be investigated for hexavalent chromium and eight of the AOCs were to be investigated for VOCs.

Lockheed Martin met with the Regional Board on 02 May 2013 to discuss the scope of the Order, and again on 25 June 2013 to review data compiled for each AOC and to discuss investigation approaches. In compliance with an approved extension request, Lockheed Martin submitted a draft work plan to the Regional Board on 13 August 2013. Lockheed Martin subsequently met with the Regional Board on 19 September 2013, at which time the Regional Board provided draft comments to the draft work plan; the draft comments included abeyance of the requirement to investigate AOC 10 (located at the former Plant A-1 North). The Regional Board provided final comments on 29 October 2013 and required Lockheed Martin to submit a revised investigation approach by 15 January 2014. Lockheed Martin met with the Regional Board again on 06 December 2013 to discuss the revised investigation approach presented in the updated version of the document.

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## 1.2 REVISED WORK PLAN

Lockheed Martin submitted the *Revised Additional Site Investigation Work Plan, Former Burbank Plants A-1 North, B-1, B-6, and C-1, Burbank, California* (Tetra Tech, 2014a) on 15 January 2014. The work plan was conditionally approved by the Regional Board in a letter dated 25 March 2014. Conditions of the approval included the following:

- Install one soil boring at AOC 2 (Plant B-1 Dry Wells DW-2 and DW-2A) instead of two. The boring should be installed between the two former dry wells. The boring should be converted to a groundwater monitoring well.
- Install soil-vapor probes at AOC 5 (Plant B-1 Seepage Pit DW-4) at depth intervals determined by field conditions, rather than predetermined depths of 10, 20, and 30 feet.
- Convert one of the soil borings in AOC 7 (Plant B-1 Building 175 Vapor Degreaser and Clarifier) to a groundwater monitoring well.
- Sample groundwater monitoring wells installed at AOC 2 and AOC 7 consistent with the requirements established in the BOU groundwater monitoring program.
- Notify the Regional Board at least seven days prior to starting field activities.
- Perform the site investigation and submit a Site Investigation Report to the Regional Board by 25 September 2014.

Lockheed Martin subsequently submitted a letter on 24 June 2014 requesting modification of several work plan requirements including the following:

- Additional time (90 days) to perform the investigation and submit the Site Investigation Report.
- Abeyance of the requirement to install groundwater monitoring wells at AOC 2 and AOC 7 until after soil data have been evaluated.
- Removal of the requirement to present groundwater plume maps for 1,4-dioxane and n-nitrosodimethylamine at the site.
- Inclusion of a vertical profile for each AOC rather than cross sections.

The Regional Board approved all requested modifications except the last one in a letter dated 03 July 2014. Per the Regional Board, the Site Investigation Report will include one cross section per AOC. Additionally, the Regional Board extended the due date for the report to 29 December 2014.

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### 1.3 OBJECTIVES AND TECHNICAL APPROACH

The objectives of this investigation are to delineate the extent of certain waste constituents originating from the AOCs identified in the Order and determine if the waste constituents pose a threat to groundwater. The technical approach used to achieve these objectives includes the following:

- Drill 30 soil borings to depths of 60 to 150 feet below ground surface (bgs) as specified in the Order.
- Collect soil samples for analysis of total chromium and hexavalent chromium
- Collect soil samples for analysis of VOCs if the VOC field screening criteria established in the work plan are exceeded.
- Install soil-gas probes in borings where VOCs exceed field screening criteria established in the work plan.
- Collect soil-gas samples for analysis of VOCs if soil-gas probes are installed.
- Perform hexavalent chromium and VOC attenuation assessments to determine the likelihood of existing hexavalent chromium or VOCs reaching the water table.

The additional data obtained during this investigation, together with the existing information and data, will be used to evaluate potential groundwater well locations and characterize the potential for groundwater impacts originating from the features identified in the Order and work plan.

### 1.4 REPORT ORGANIZATION

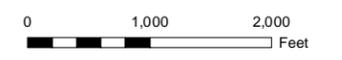
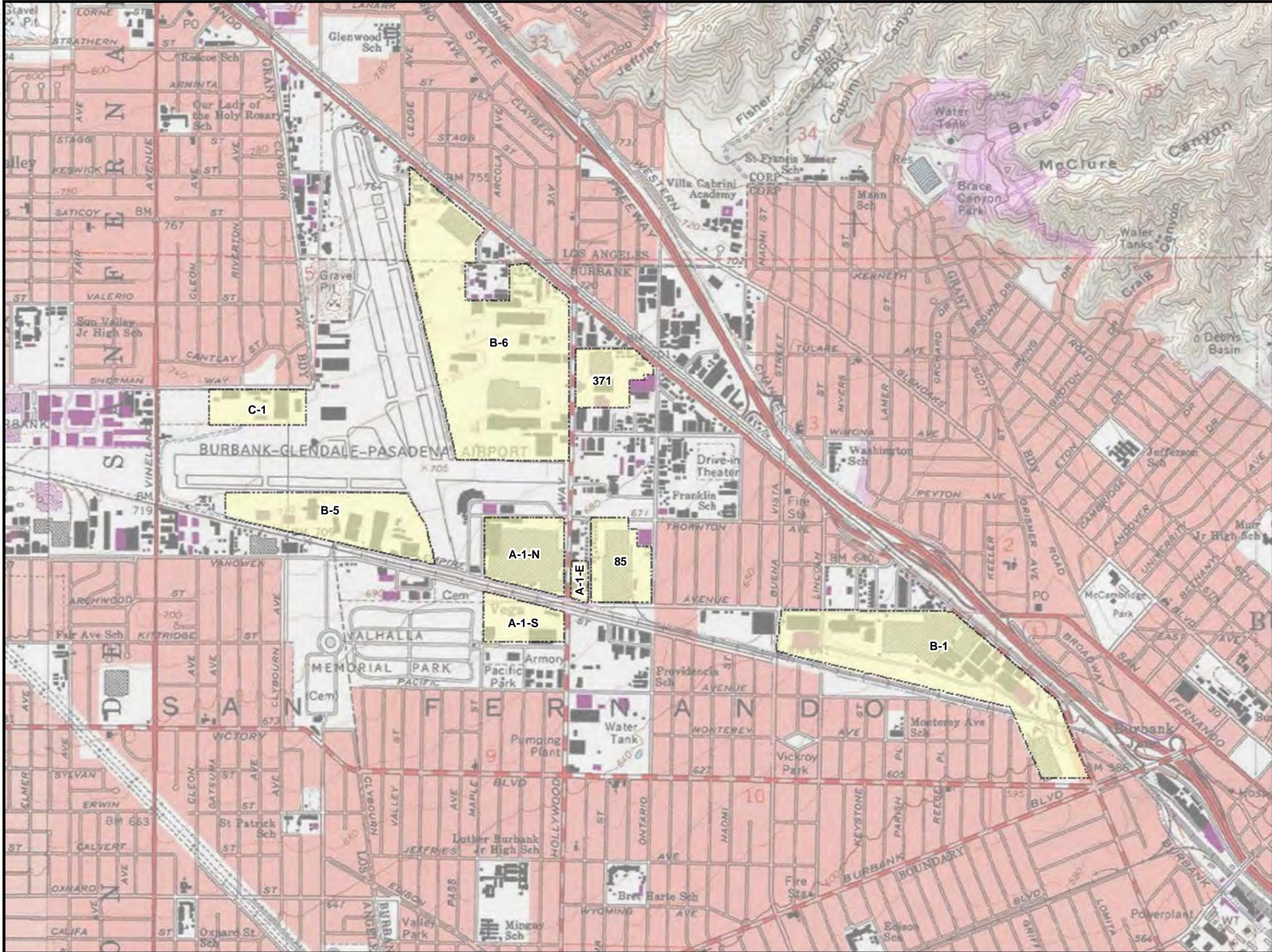
This report is organized into the following sections:

- Section 1 – Introduction: This section presents the purpose and objectives of the site soil and soil-gas investigation activities and provides a brief description of the report organization.
- Section 2 – Background: This section provides the site history for the various former Lockheed Martin plants, the physical setting for the site, and a generalized description of site geology and hydrogeology, regional geology and hydrogeology, and groundwater quality.
- Section 3 – Methodology: This section provides a description of the field investigation, including pre-drilling activities, soil sampling and analysis, deviations from the work plan, equipment decontamination, surveying, and waste management.
- Section 4 – Analytical Results: This section provides a summary of soil analytical results and data quality assessment.

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- Section 5 – Hexavalent Chromium Evaluation: This section provides an interpretation of analytical results, including hexavalent chromium attenuation evaluations.
  - Section 6 – Conceptual Site Models: This section provides a summary of the conceptual site model (CSM) for each AOC. The CSM includes a brief description of the AOC, the local geologic and hydrogeologic conditions, the results from this investigation, an evaluation of the adequacy of delineation, and an assessment of the potential for the use of the feature to have resulted in impacts to groundwater.
  - Section 7 – Conclusions and Recommendations: This section provides conclusions based on the investigation results and the data evaluation and recommendations for potential additional investigation activities.
  - Section 8 – References: This section provides a list of documents referenced in this report.

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## **SECTION 1 FIGURES**



**LEGEND**

- Former Lockheed Martin Burbank Properties

BURBANK OPERABLE UNIT

**Figure 1**  
**Site Location Map**



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## **Section 2**

# **BACKGROUND**

This section provides the history, physical setting, geology, and hydrogeology for the selected features within the former Lockheed Martin Burbank facilities (the site) requiring additional investigation. The geologic and hydrogeologic conditions at the site are based on the current investigation and previous investigations at the site.

### **2.1 SITE HISTORY**

A brief history of the former Lockheed Martin Corporation (Lockheed Martin) plants that comprise the site is provided below.

#### **2.1.1 Plant B-1**

Former Plant B-1 occupied approximately 100 acres located southeast of the Bob Hope Airport (Figure 1). Former Plant B-1 was in use by Lockheed Martin between 1928 and 1991 with operations specific to completed parts fabrication and subassembly, including tooling, parts shaping and machining, plating, deburring, cleaning, and painting. The chemicals and materials used, stored, or generated at the former Plant B-1 included gasoline and diesel fuels, oils, solvents, paints, acids, caustic solutions, chromic acid, boiler blowdown, and metal shavings.

Over 100 environmental investigations and assessments have been conducted at former Plant B-1. These investigations included environmental site assessments, UST leak detection programs, and soil, soil-vapor, and groundwater investigations. The overall purpose of these investigations was to characterize and delineate the extent of targeted chemicals at all of the various features of environmental concern. These chemicals primarily included VOCs and metals (including chromium and hexavalent chromium). These investigations and assessments resulted in over 500 soil borings or sample locations, with over 4,000 samples collected and analyzed for VOCs and metals.

Various remedial activities have taken place at former Plant B-1 based on the aforementioned investigations and assessments. These include the AquaDetox system (a combined SVE and groundwater pump-and-treat system) installed and operated at Buildings 175/180 from 1988 to

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1994, UST removals and closures, demolition and removal of other subsurface features of concern, soil excavations within the former buried debris area, and the currently active SVE system located in the central area of the former B-1 Plant which has been operational since July 1997. From these remedial actions, the Regional Board has issued six “No Further Requirements” letters including one that noted no further requirements for the site except for the active SVE system.

### **2.1.2 Plant B-6**

Former Plant B-6 occupied approximately 132 acres located in the northeast quadrant of the Bob Hope Airport, south of San Fernando Road and west of Hollywood Way (Figure 1). Over 80 buildings were constructed on the site during Lockheed Martin’s occupation from 1941 to 1997. The property was acquired by the Burbank-Glendale-Pasadena Airport Authority (Airport Authority) in 1997 under eminent domain. Operations at the former Plant B-6 included aircraft parking, final assembly and flight support, classified aircraft research and development, minor subassembly work, aircraft functional testing, and ground support. Supporting activities included cleaning and painting, minor tooling, welding, and parts and components machining. Chemicals and materials used and/or stored at the site to support these operations included aircraft fuels, biocides, descalers, fuel oils and gasoline, paints, solvents, acids, caustics, and plastic resins and hardeners. Fuels used at the site included automobile gasoline, aviation gasoline, Jet A, JP-4, JP-5, JP-7, JP-8, and other thermally stable jet fuels. Types of oils used included conventional motor oils, turbine lubricating oils, hydraulic system oils, and rust preventative oils.

Over 25 environmental investigations and assessments have been conducted at the former Plant B-6 that identified various features of environmental concern. These investigations and assessments resulted in 295 borings and sample locations were identified, and 891 samples were collected and analyzed for metals (including total chromium and hexavalent chromium).

Based on the data gathered from the aforementioned investigations and assessments, various remedial activities took place at former Plant B-6 prior to the Airport Authority’s acquisition of the property. These remedial activities included UST removals and closures, and demolition and removal of other subsurface features of concern. From these remedial actions, the Regional Board has issued 11 “No Further Requirements” letters for former Plant B-6.

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### **2.1.3 Plant C-1**

Former Plant C-1 occupied approximately 20 acres located in the northwest quadrant of the Bob Hope Airport, south of Sherman Way (Figure 1). Operations at the facility were conducted from the early 1940s through 1990. The property was sold to the Airport Authority in 1997. Operations at the former Plant C-1 included classified aircraft research, milling and machining of metal parts, and aircraft maintenance and modification. Chemicals and materials used, stored, or generated at the site to support site operations included diesel fuel, biocides, motor oil, hydraulic oil, waste oil, metal chips, cooling and cutting oil, biocides, descalers, lubricants, and solvents.

Over 30 environmental investigations and assessments have been conducted at the former Plant C-1 to identify various features of environmental concern. From these investigations and assessments, 93 borings and sample locations were identified, and 260 samples collected and analyzed for metals (including total chromium and hexavalent chromium).

Various remedial activities have taken place at former Plant C-1 based on the data gathered from the aforementioned investigations and assessments. These remedial activities included UST removals and closures, and demolition and removal of other subsurface features of concern. From these remedial actions, the Regional Board issued two “No Further Requirements” letters for former Plant C-1.

## **2.2 PHYSICAL SETTING**

The site is located in the southeastern portion of the San Fernando Valley (SFV) in the Burbank Operable Unit (BOU) Superfund Area 1, within the City of Burbank, California (Figure 2). The SFV is a 260-square-mile basin bounded to the south by the Santa Monica Mountains, to the west by the Simi Hills, to the north by the Santa Susana and San Gabriel Mountains, and to the east-northeast by the Verdugo and San Gabriel Mountains.

## **2.3 REGIONAL GEOLOGY AND HYDROGEOLOGY**

### **2.3.1 Regional Geology**

The geology of the SFV increases in complexity with depth (a result of the tectonic forces native to the region). The stratigraphy of the SFV area, from youngest to oldest, consists of: alluvial deposits (younger Holocene transitioning into older Pleistocene) overlying unconsolidated

Pliocene-Pleistocene bedrock of marine and non-marine origin, overlying Tertiary marine sandstone, mudstone, and shale bedrock, overlying Mesozoic- and older-age crystalline and metamorphic basement complex rocks. The simplified stratigraphic column for the SFV (in the vicinity of the site) is presented below.

Alluvium	Younger
	Older
Unconsolidated bedrock of marine and non-marine origin	Non-marine
	Marine
Marine sandstone, mudstone, and shale bedrock	Sandstone      Mudstone/shale
Basement complex bedrock	Igneous and metamorphic rocks

The bedrock units crop out in the surrounding hills and mountains that form the valley boundaries. The eastern margin of the valley is bounded by the plutonic and metamorphic rocks of the Verdugo Mountains. The northern margin of the valley is bounded by the sedimentary rocks of the Santa Susana Mountains and the plutonic and metamorphic rocks of the San Gabriel Mountains. The western edge of the valley is defined by the Simi Hills where sedimentary rock is exposed. The southern margin is defined by the Santa Monica Mountains where sedimentary and igneous rocks are exposed.

The Quaternary alluvium beneath the site consists of Holocene younger alluvium and Pleistocene older alluvium. The younger alluvium extends from the ground surface to approximately 410 feet bgs or more, and the older alluvium extends from the base of the younger alluvium to 1,200 feet bgs or more. The contact between the younger and older alluvium has been reported to be marked by a distinct basal cobble layer (HSI Geotrans, 1997).

The younger alluvium consists of coarse-grained sand, gravel, and cobbles interbedded with finer-grained units of sand, silty sand, sandy silt, silt, and clay. The units generally vary in elevation and thickness; the contacts between the units have a northeast-trending strike and dip towards the southeast. The composition of the upper portion of the older alluvium varies from sand, gravel, and boulders near former Plant C-1 to interbedded silt and sand in the vicinity of former Plants B-1 and

---

B-6. The deeper portion of the older alluvium consists of silt and sand with interbedded gravel (HSI Geotrans, 1997).

The northwest-trending Verdugo fault zone is located east of the site. The fault zone has been interpreted as a low-permeability zone that can both impede and direct the flow of groundwater.

### **2.3.2 Regional Hydrogeology**

The site is located in the San Fernando Valley Groundwater Basin, which is comprised of water-bearing alluvium that overlies a non-water-bearing bedrock complex of older sedimentary rock formations and crystalline and metamorphic basement complex rock. Groundwater enters the basin by infiltration of surface-water runoff from the highlands, by deep penetration of rain on the valley floor, and by artificial means such as irrigation return or induced recharge. Outflow of groundwater from the basin is through groundwater extraction and a small amount of flow (surface and groundwater) through the Los Angeles Narrows (southeast of the BOU). Groundwater in the eastern portion of the basin flows mainly through two sedimentary units: the Pleistocene older alluvium and the Holocene younger alluvium. The aquifer in the older alluvium has been observed to be locally semi-confined to confined by clay and silt units, whereas the aquifer in the younger alluvium is generally unconfined to semi-confined depending upon the location and thickness of the fine-grained units (HSI Geotrans, 1997).

The aquifer in the younger alluvium at the site has been divided into five hydrostratigraphic units (HSUs) based on electrical resistivity responses in geophysical logs (Hargis + Associates, 1991; Simon Hydro Search, 1993). The five HSUs of the younger alluvium are identified from upper to lower as A', X, A, Y, and B. The A', A, and B HSUs are generally composed of coarser-grained material (coarse-grained sand, gravel, and cobbles). The X and Y HSUs separate the coarser-grained HSUs and consist of relatively finer-grained material (sand, silty sand, and silt). Based on the stratigraphic position of the units, the groundwater gradient, and overall groundwater levels, the A' HSU, the X HSU, or the A HSU may locally represent water table (WT) conditions depending on geographic location within the project area. These HSUs are collectively referred to as WT HSUs.

---

## **2.4 SITE GEOLOGY AND HYDROGEOLOGY**

### **2.4.1 Site Geology**

The site soils that were encountered in the current investigation above the water table consist of compacted fill (generally 0 to 10 feet bgs), but may be deeper and may not be present at all areas of concern (AOCs) underlain by younger alluvium. The younger alluvium is generally coarse-grained (sand, sand with gravel, and sandy gravel), with local finer-grained interbeds (silty sand, sandy silt, and sandy clay). The specific locations of fine-grained interbeds generally vary from one AOC to another.

### **2.4.2 Site Hydrogeology**

Shallow groundwater currently flows to the site from the west, north, and east. The local groundwater flow direction at the site is predominantly southeasterly, converging in a flow direction toward the depression in the WT created by the operation of the extraction wells along Vanowen Street and in the southern portion of former Plant B-1. Groundwater-elevation data indicate that the dominant direction of groundwater flow immediately south of former Plant B-1 is generally reversed from its natural southeasterly flow direction, as it follows a northerly flow direction into the depression in the WT created by the operation of the BOU extraction wells.

Based on groundwater data from April 2014, approximate groundwater depths for the site vary by location, as listed below (Tetra Tech, 2014b).

- Plant B-1: Groundwater is approximately 135 to 175 feet bgs.
- Plant B-6: Groundwater is approximately 220 to 250 feet bgs.
- Plant C-1: Groundwater is approximately 235 to 240 feet bgs.

The April 2014 groundwater elevation contours for shallow groundwater monitoring wells from the most recent groundwater monitoring report (Tetra Tech, 2014b) are presented on Figure 3. The 20 AOCs for this investigation are shown on these maps for reference.

## **2.5 GROUNDWATER QUALITY**

Lockheed Martin has monitored groundwater quality at the BOU (within which the site is located) since 1986. In order to address VOCs in groundwater, a groundwater extraction system and treatment plant were constructed in 1994 and began operation in 1996. Current system operations

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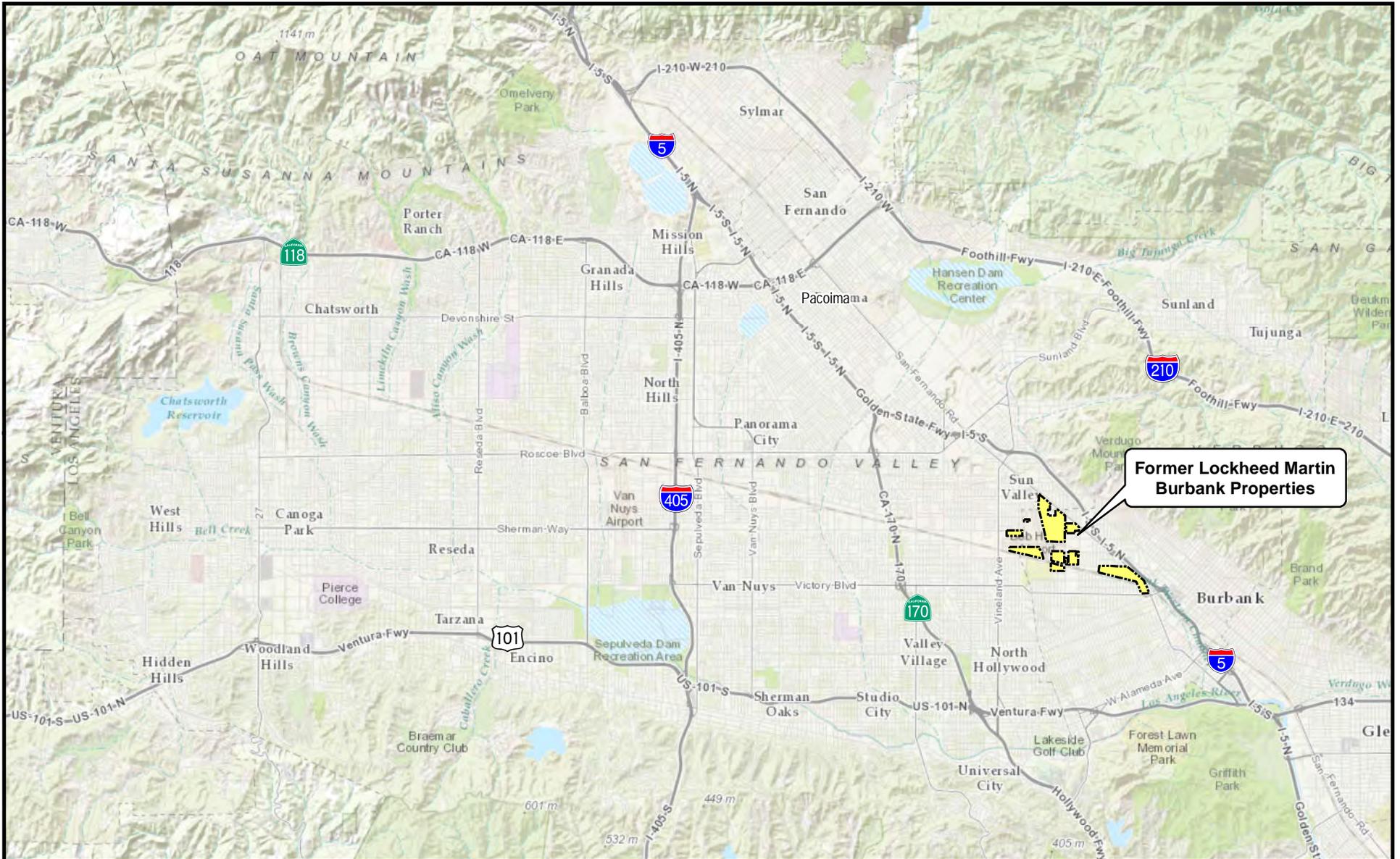
include pumping groundwater from as many as eight extraction wells, and sequential treatment by air stripping and aqueous-phase granular activated carbon. Off-gassed VOCs from the air stripper are treated with vapor-phase activated carbon.

The distribution of VOCs has been well defined in the BOU monitoring area. The primary VOCs of concern that were identified in the BOU are tetrachloroethene (PCE) and trichloroethene (TCE). The concentrations of TCE, PCE, total chromium, and hexavalent chromium in shallow groundwater have generally decreased or remained stable since data were first collected (Arcadis, 2012). Additionally, analytical results from well clusters have shown that TCE, PCE, total chromium, and hexavalent chromium concentrations in wells screened in the lower HSUs are generally much lower than in the shallow wells.

The April 2014 isoconcentration maps for PCE, TCE, total chromium, and hexavalent chromium in shallow groundwater monitoring wells from the most recent groundwater monitoring report are presented on Figures 4, 5, 6, and 7, respectively (Tetra Tech, 2014b). The 20 AOCs for this investigation are shown on these maps for reference.

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## **SECTION 2 FIGURES**

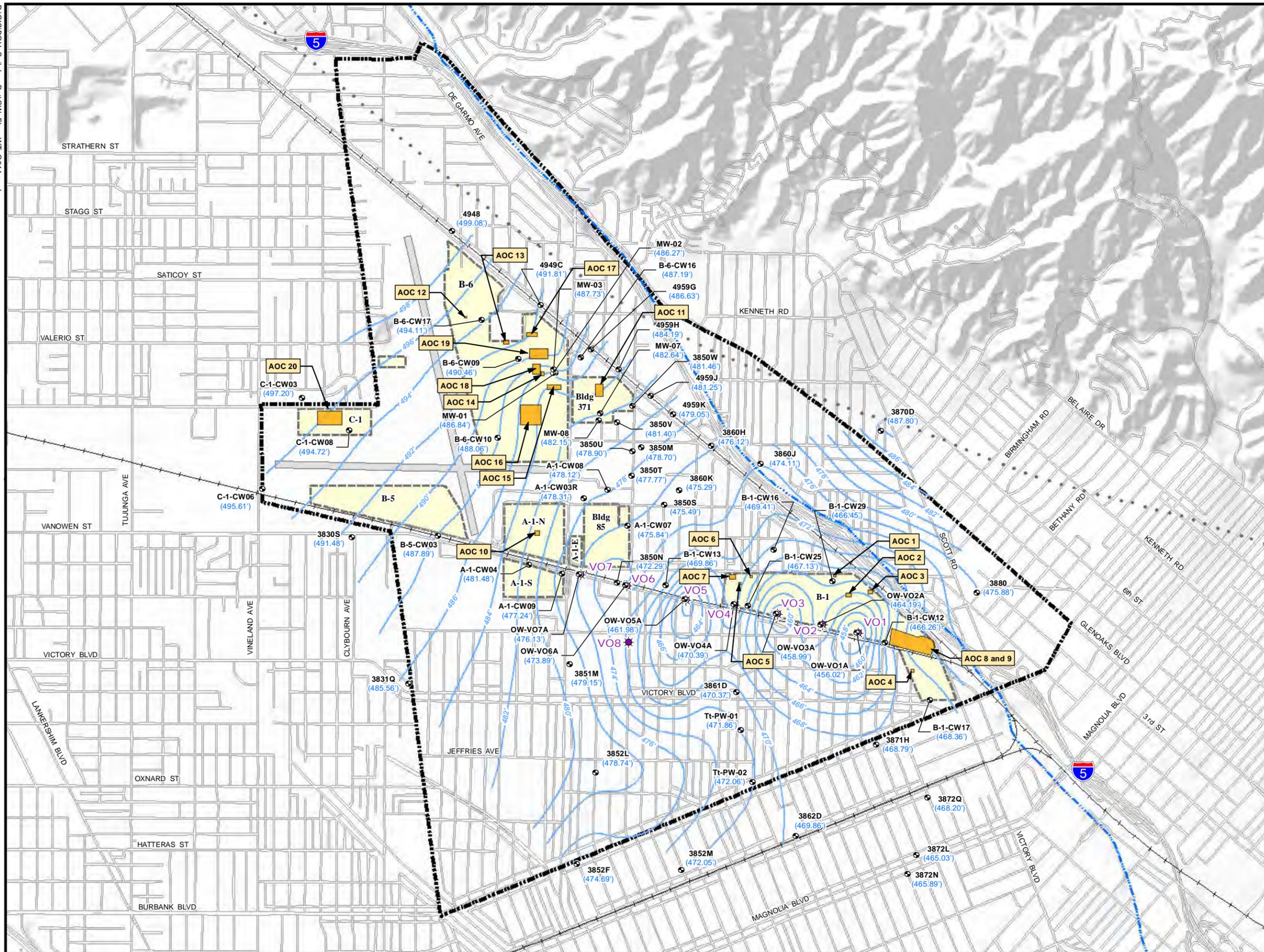


**Former Lockheed Martin  
Burbank Properties**

BURBANK OPERABLE UNIT

**Figure 2**  
**Physical Setting Map**







0 1,000 2,000  
Feet

-  Monitoring Well
-  Extraction Well
-  Groundwater Elevation Contour (ft amsl)
-  Burbank Channel
-  Approximate Concealed Trace of the Verdugo Fault\*
-  Railroad
-  Burbank Operable Unit Boundary
-  AOC Locations
-  Former Lockheed Martin Burbank Properties

Notes:  
 \* Bedrossian, T.L. and Roffers, P.D., 2012 "Geologic Compilation of Quaternary Surficial Deposits in Southern California, Los Angeles 30' x 60' Quadrangle (Revised)". California Geological Survey Special Report 217, Plate 9. July.

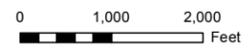
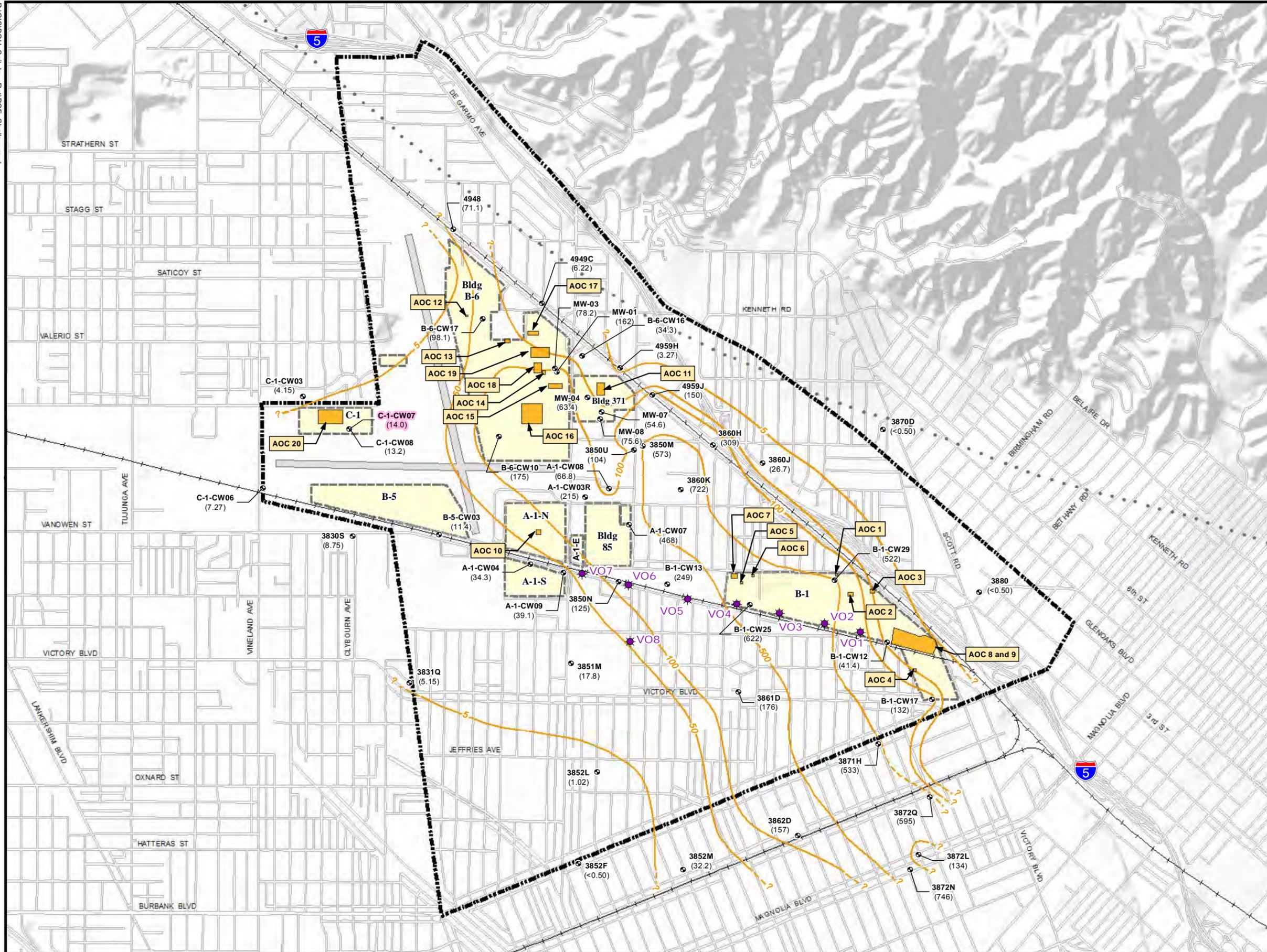
Well Survey: KDM Meridian, Inc. 2012.  
 Projection: NAD83 NSRS2007 State Plane California V, FIPS0405 FT US

AOC - Area of Concern

BURBANK OPERABLE UNIT

**Figure 3**  
**Potentiometric Surface Map**  
**in Water Table HSU**  
**April 2014**

 TETRA TECH



- Monitoring Well  
(test results posted below the well ID,  
unit of measure is µg/L)
- C-1-CW07 Result from 2013 event
- ⊛ Extraction Well
- ~ Tetrachloroethene Isoconcentration  
(concentrations range from 746 µg/L  
to <0.50 µg/L — dashed where inferred)
- ⋯ Approximate Concealed Trace  
of the Verdugo Fault\*
- +— Railroad
- ▭ Burbank Operable Unit Boundary
- ▭ AOC Locations
- ▭ Former Lockheed Martin  
Burbank Properties

Notes:  
Water Quality Objective - 5.0 µg/L  
µg/L - Micrograms per liter  
AOC - Area of Concern

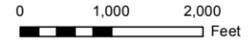
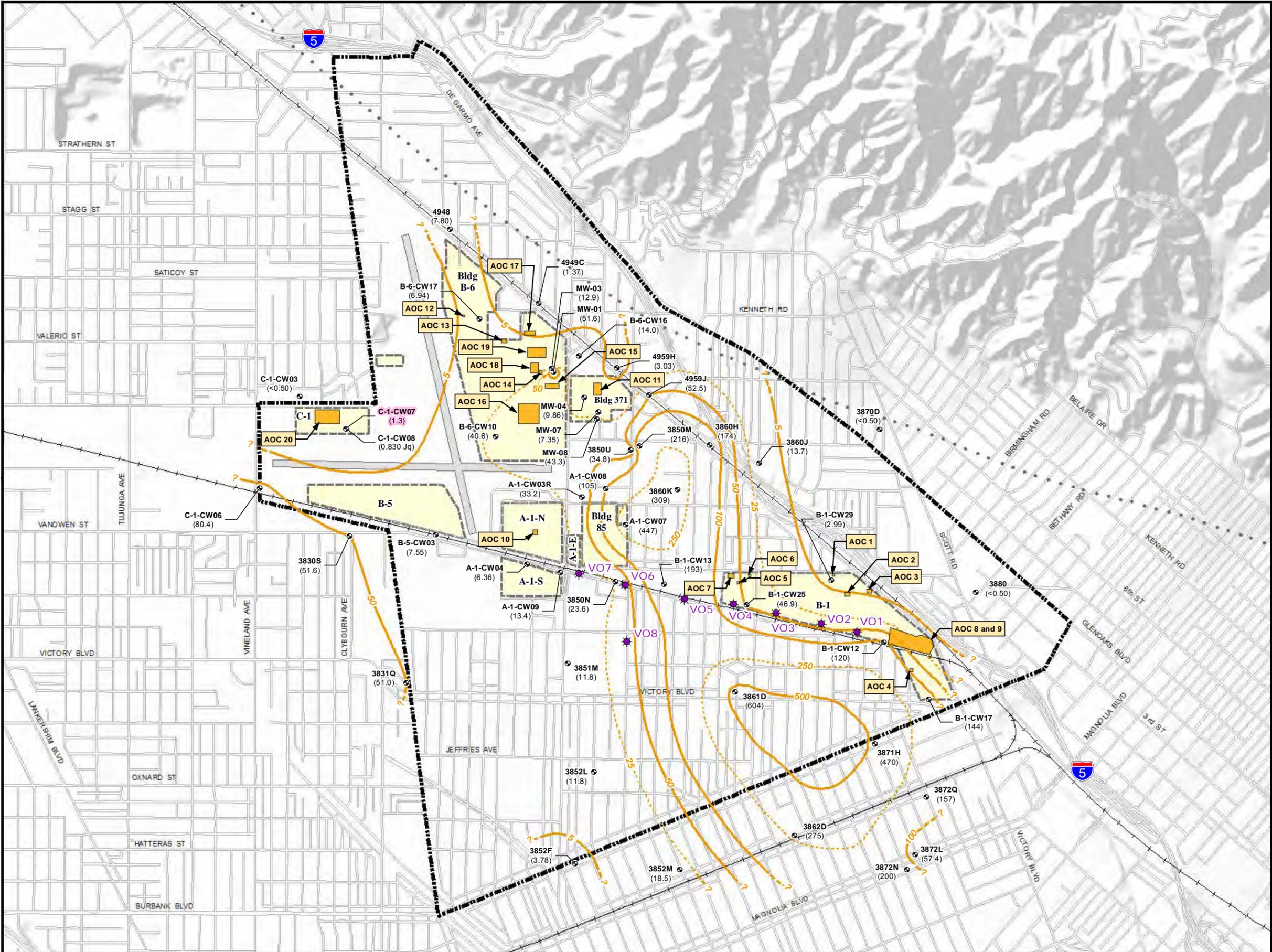
\* Bedrossian, T.L. and Roffers, P.D., 2012 "Geologic  
Compilation of Quaternary Surficial Deposits in Southern  
California, Los Angeles 30' x 60' Quadrangle (Revised)".  
California Geological Survey Special Report 217, Plate 9. July.

Well Survey: KDM Meridian, Inc. 2012.  
Projection: NAD83 NSRS2007 State Plane California V,  
FIPS0405 FT US

BURBANK OPERABLE UNIT

**Figure 4**  
**Tetrachloroethene Concentrations**  
**in WT-HSU Wells**  
**April 2014**





- Monitoring Well  
(test results posted below the well ID, unit of measure is µg/L)
- C-1-CW07** Result from 2013 event
- Extraction Well
- Trichloroethene Isoconcentration  
(concentrations range from 604.00 µg/L to <0.50 µg/L — dashed where inferred)
- Intermediate Isoconcentration Contour
- Approximate Concealed Trace of the Verdugo Fault\*
- Railroad
- Burbank Operable Unit Boundary
- AOC Locations
- Former Lockheed Martin Burbank Properties

Notes:  
Water Quality Objective - 5.0 µg/L  
AOC - Area of Concern

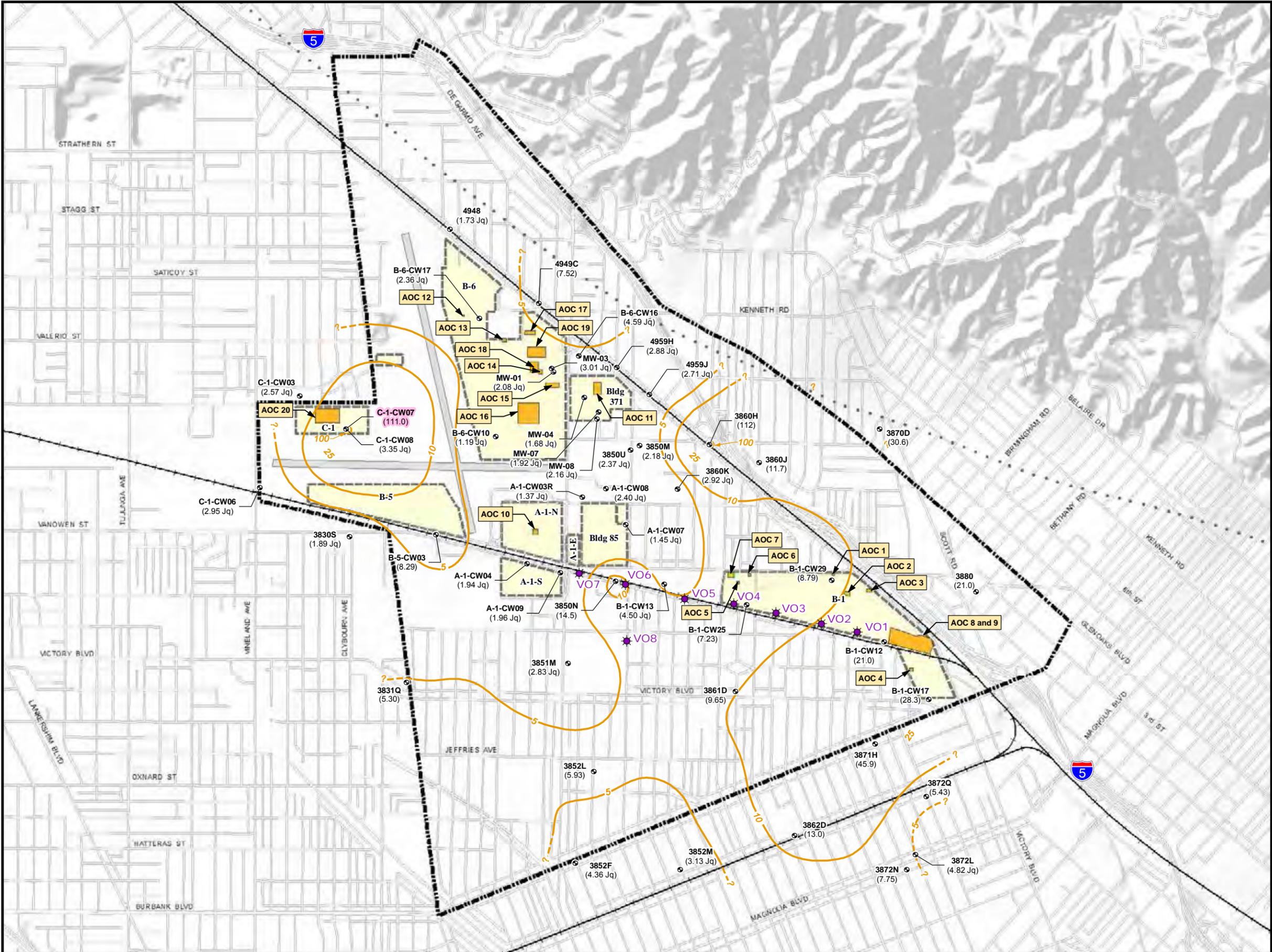
\* Bedrossian, T.L. and Roffers, P.D., 2012 "Geologic Compilation of Quaternary Surficial Deposits in Southern California, Los Angeles 30' x 60' Quadrangle (Revised)". California Geological Survey Special Report 217, Plate 9. July.

Well Survey: KDM Meridian, Inc. 2012.  
Projection: NAD83 NSRS2007 State Plane California V, FIPS0405 FT US

J - The analyte was positively identified, but the analyte concentration is an estimated value.  
q - The analyte detection was below the Practical Quantitation Limit (PQL).

BURBANK OPERABLE UNIT

**Figure 5**  
**Trichloroethene Concentrations**  
**in WT-HSU Wells**  
**April 2014**





0 1,000 2,000  
Feet

- Monitoring Well  
(test results posted below the well ID,  
unit of measure is µg/L)
- C-1-CW07 Result from 2013 event
-  Extraction Well
-  Total Chromium Isoconcentration  
(concentrations range from 112.00 µg/L  
to 1.19 µg/L — dashed where inferred)
-  Approximate Concealed Trace  
of the Verdugo Fault\*
-  Railroad
-  Burbank Operable Unit Boundary
-  AOC Locations
-  Former Lockheed Martin  
Burbank Properties

Notes:  
Water Quality Objective - 50.0 µg/L  
µg/L - Micrograms per liter  
AOC - Area of Concern

\* Bedrossian, T.L. and Roffers, P.D., 2012 "Geologic  
Compilation of Quaternary Surficial Deposits in Southern  
California, Los Angeles 30' x 60' Quadrangle (Revised)".  
California Geological Survey Special Report 217, Plate 9. July.

Well Survey: KDM Meridian, Inc. 2012.  
Projection: NAD83 NSRS2007 State Plane California V,  
FIPS0405 FT US

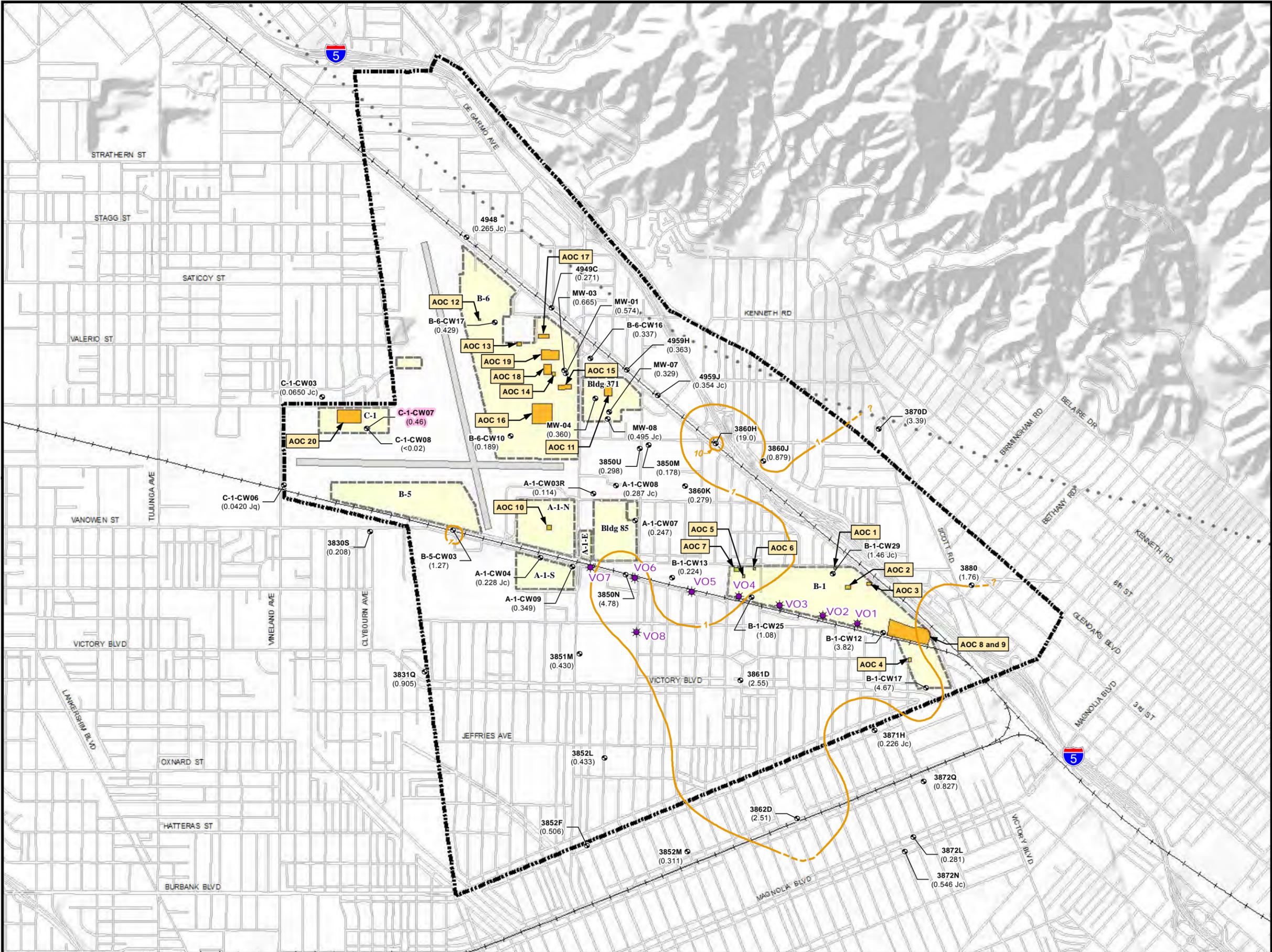
J - The analyte was positively identified, but the analyte  
concentration is an estimated value.

q - The analyte detection was below the Practical Quantitation  
Limit (PQL).

BURBANK OPERABLE UNIT

**Figure 6**  
**Total Chromium Concentrations**  
**in WT-HSU Wells**  
**April 2014**

 TETRA TECH



  
 0 1,000 2,000 Feet

-  Monitoring Well  
 (test results posted below the well ID, unit of measure is µg/L)
-  C-1-CW07 Result from 2013 event
-  Extraction Well
-  Hexavalent Chromium Isoconcentration  
 (concentrations range from 19.00 µg/L to <0.02 µg/L — dashed where inferred)
-  Approximate Concealed Trace of the Verdugo Fault\*
-  Railroad
-  Burbank Operable Unit Boundary
-  AOC Locations
-  Former Lockheed Martin Burbank Properties

Notes:

Water Quality Objective - 10.0 µg/L

µg/L - Micrograms per liter

AOC - Area of Concern

\* Bedrossian, T.L. and Roffers, P.D., 2012 "Geologic Compilation of Quaternary Surficial Deposits in Southern California, Los Angeles 30' x 60' Quadrangle (Revised)". California Geological Survey Special Report 217, Plate 9. July.

Well Survey: KDM Meridian, Inc. 2012.  
 Projection: NAD83 NSRS2007 State Plane California V, FIPS0405 FT US

J - The analyte was positively identified, but the analyte concentration is an estimated value.

q - The analyte detection was below the Practical Quantitation Limit (PQL).

c - The Matrix Spike (MS) and/or Matrix Spike Duplicate (MSD) recoveries were outside control limits.

**BURBANK OPERABLE UNIT**  
**Figure 7**  
**Hexavalent Chromium**  
**Concentrations in WT-HSU Wells**  
**April 2014**  


STATE WATER RESOURCES CONTROL BOARD  
**GEOTRACKER**



CASE SUMMARY			
<u>REPORT DATE</u> 1/2/1965		<u>HAZARDOUS MATERIAL INCIDENT REPORT FILED WITH OES?</u>	
<u>I. REPORTED BY -</u> UNKNOWN		<u>CREATED BY</u> UNKNOWN	
<u>III. SITE LOCATION</u>			
<u>FACILITY NAME</u> LOCKHEED PLANT B6		<u>FACILITY ID</u>	
<u>FACILITY ADDRESS</u> 2801 N. HOLLYWOOD WAY. BURBANK, CA 91505 LOS ANGELES COUNTY		<u>ORIENTATION OF SITE TO STREET</u>  <u>CROSS STREET</u>	
<u>V. SUBSTANCES RELEASED / CONTAMINANT(S) OF CONCERN</u> MET, VOC			
<u>VI. DISCOVERY/ABATEMENT</u>			
<u>DATE DISCHARGE BEGAN</u>			
<u>DATE DISCOVERED</u>	<u>HOW DISCOVERED</u>	<u>DESCRIPTION</u>	
<u>DATE STOPPED</u>	<u>STOP METHOD</u>	<u>DESCRIPTION</u>	
<u>VII. SOURCE/CAUSE</u>			
<u>SOURCE OF DISCHARGE</u>		<u>CAUSE OF DISCHARGE</u>	
<u>DISCHARGE DESCRIPTION</u>			
<u>VIII. CASE TYPE</u>			
<u>CASE TYPE</u> Aquifer used for drinking water supply			
<u>IX. REMEDIAL ACTION</u>			
<u>REMEDIAL ACTION</u>	<u>BEGIN DATE</u>	<u>END DATE</u>	<u>DESCRIPTION</u>
N	7/1/1996	11/21/1996	VOCS, TRPH, TEH, PCBS, SVOCS, METAL PREVIOUSLY DETECTED AT THESE SITE. 22 SITES INCLUDED IN LIMITED EXCAVATION PROGRAM.
N	7/31/1996	11/21/1996	VOCS, TRPH, TEH, PCBS, SVOCS, METAL PREVIOUSLY DETECTED AT THESE SITE. 22 SITES INCLUDED IN LIMITED EXCAVATION PROGRAM.
N	9/5/1996	11/21/1996	VOCS, TRPH, TEH, PCBS, SVOCS, METAL PREVIOUSLY DETECTED AT THESE SITE. 22 SITES INCLUDED IN LIMITED EXCAVATION PROGRAM.
N	10/21/1996	11/21/1996	VOCS, TRPH, TEH, PCBS, SVOCS, METAL PREVIOUSLY DETECTED AT THESE SITE. 22 SITES INCLUDED IN LIMITED EXCAVATION PROGRAM.
N	5/21/1998	11/21/1996	VOCS, TRPH, TEH, PCBS, SVOCS, METAL PREVIOUSLY DETECTED AT THESE SITE. 22 SITES INCLUDED IN LIMITED EXCAVATION PROGRAM.
<u>X. GENERAL COMMENTS</u> Approximately 6000 tons of metal-, TPH-, and VOC-impacted soils were removed from the site. Soil closure was issued in 1996.			
<u>XI. CERTIFICATION</u>  I HEREBY CERTIFY THAT THE INFORMATION REPORTED HEREIN IS TRUE AND ACCURATE TO THE BEST OF MY KNOWLEDGE.			
<u>XII. REGULATORY USE ONLY</u>			
<u>LOCAL AGENCY CASE NUMBER</u>		<u>REGIONAL BOARD CASE NUMBER</u> 104.0674	
<u>LOCAL AGENCY</u> UNKNOWN			
<u>REGIONAL BOARD</u>			
<u>CONTACT NAME</u> GLORIA PAK	<u>INITIALS</u> GP	<u>ORGANIZATION NAME</u> LOS ANGELES RWQCB (REGION 4)	<u>EMAIL ADDRESS</u> gloria.pak@waterboards.ca.gov
<u>ADDRESS</u> 320 West 4th Street, Suite 200 LOS ANGELES, CA 90013		<u>CONTACT DESCRIPTION</u>	
<u>PHONE TYPE</u> PHONE	<u>PHONE NUMBER</u> (213)-576-6731	<u>EXTENSION</u>	

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# Appendix C

## Phase II Technical Memorandum

# Technical Memorandum

Date: Monday, August 23, 2021

Project: Naomi/Willow Substation Project

To: Burbank Water and Power

From: Andrew Cherene, PG - HDR

Subject: Phase II Soil Survey Results

## Introduction

Burbank Water and Power (BWP) intends to demolish and replace the Naomi Substation and rename it the Willow Substation. HDR conducted a Phase I Environmental Site Assessment (ESA) and determined that one recognized environmental condition (REC) may pose a hazardous waste risk to the project. The site has been used as a substation since the late 1960s, and as such, the transformers located on the site probably used oil containing polychlorinated biphenyls (PCBs) in the past. Soil and concrete impacted with PCBs may need to be disposed of as PCB remediation waste or hazardous waste<sup>1</sup>.

PCB Remediation Waste is defined as waste containing PCBs as a result of a spill, release, or other unauthorized disposal, at the following concentrations:

- Materials disposed of prior to April 18, 1978, that currently contain concentrations of at least 50 parts per million (ppm) PCBs, regardless of the concentration of the original spill
- Materials which are currently at any volume or concentration where the original source was at least 500 ppm PCBs beginning on April 18, 1978, or at least 50 ppm PCBs beginning on July 2, 1979
- Materials which currently exhibit any concentration if the PCBs were spilled or released from a source not authorized for use.

PCB wastes are regulated as non-RCRA hazardous waste when PCB concentrations are at least 5 ppm in liquids and at least 50 ppm in non-liquid wastes. PCB concentrations greater than 5000 ppm are considered an extremely hazardous waste under California regulations.

HDR recommended soil characterization prior to the project's design being finalized in order to assess whether contaminated material would need special handling and disposal. This technical memorandum describes the approach, methods, sampling, and analytical results of the soil survey.

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<sup>1</sup> *Classification and Handling of PCB Waste*. Lawrence Berkeley National Laboratory Environment, Waste & Radiation Protection Department, August 7, 2015.

## Limitations

As with any sampling and analysis program, conclusions are based upon data collected from discrete points in the field and cannot be interpreted as an exhaustive survey of all material to be disturbed during project construction.

## Methodology

Three transformers are located on the Naomi Substation (Figure 1). Historical leaks of dielectric oil would have most likely impacted the concrete pads they are mounted on or the shallow soil located directly adjacent to the concrete pads. Sampling the concrete and shallow soil in this area would indicate whether or not PCB impacts were present and assist with waste characterization for construction earthwork and demolition activities.

Prior to mobilizing to the site to conduct sampling, HDR coordinated with the geotechnical consultant, Geocon West, Inc., to consolidate the field work into a single mobilization. HDR mobilized to the site on April 30, 2021. One shallow soil sample was collected from below the gravel base (approximately 6 inches deep) at each of eight locations, adjacent to the three large transformers. Reusable soil sampling equipment was decontaminated between samples by washing in a non-phosphate (Alconox) soap solution and rinsing with potable water. Concrete wipe samples, which were non-destructive, were collected from the concrete pads below each of the three transformers (Figure 2). During sampling, indications of contamination – staining, discoloration, or odors – were noted. Samples were contained in laboratory-provided jars and submitted under chain-of-custody to Orange Coast Analytical, in Tustin, California.

Soil samples were analyzed for:

- Total petroleum hydrocarbons (TPH) by Environmental Protection Agency (EPA) Method 8015
- Volatile organic compounds (VOCs) by EPA Method 8260
- California Title 22 metals by EPA Methods 6010 and 7471
- PCBs by EPA Method 8082

Concrete wipe samples were analyzed for:

- PCBs by EPA Method 8082

FIGURE 1 – PROJECT LOCATION MAP



LEGEND

● Willow Substation



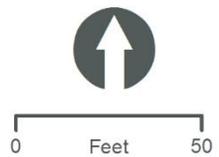
0 Miles 10

FIGURE 2 – SAMPLING LOCATIONS



LEGEND

-  Project Limits
-  Shallow Soil Samples
-  Concrete Wipe Samples



# Findings

## Field Observations

The gravel base surrounding the transformer pads was composed of crushed granitic rock, approximately 1 to 1.5 inches in size, and was approximately 6 inches deep. The soil below the gravel base was a dark brown fine sand and silt, which was slightly moist and loose. The soil at locations 1 and 2, the northernmost soil sampling locations, was lighter in color, composed primarily of fine sand, and had less silt.

The concrete pads below the transformers exhibited discoloration, particularly below the cooling vanes of the transformers. Concrete wipe sample location B had aluminum drip pans placed below the cooling vanes on the western side of the transformer, and location C had a relatively recent oily stain that had been contained with oil-absorbent pads and granular spill control absorbent below the cooling vanes on the eastern side of the transformer.

Site photographs taken during the sampling are provided in Attachment A.

## Analytical Results

Laboratory analytical reports are provided in Attachment B.

### Total Petroleum Hydrocarbons

All eight soil samples were analyzed for TPH in the gasoline, diesel, and motor oil ranges. Gasoline-range organics were not detected above the laboratory reporting limit of 0.20 milligrams per kilogram (mg/kg). Diesel-range organics were detected in one sample, SS4, at a concentration of 11 mg/kg. Oil-range organics were detected in two samples, SS3 and SS4, at concentrations of 63 and 65 mg/kg, respectively.

### Volatile Organic Compounds

All eight soil samples were analyzed for VOCs. VOCs were not detected in soil samples.

### Title 22 Metals

All eight soil samples were analyzed for metals. Six samples contained concentrations of metals consistent with background concentrations for Southern California soil. Soil sample SS5 contained elevated concentrations of copper (1300 mg/kg), lead (72 mg/kg), and zinc (1800 mg/kg). Soil sample SS6 contained elevated concentrations of cadmium (11 mg/kg) and zinc (1800 mg/kg). Elevated zinc concentrations did not exceed thresholds requiring additional analysis. However, copper and lead in sample SS5 and cadmium in sample SS6 were analyzed for their soluble fractions by the California Soluble Threshold Limit Concentration (STLC) test. These results are provided in Table 1:

TABLE 1 – SOLUBLE METALS RESULTS

Sample Location	Parameter	Concentration	Hazardous Waste Threshold
SS5	Copper, STLC	34 mg/L	25 mg/L
	Lead, STLC	0.75 mg/L	5.0 mg/L
SS6	Cadmium, STLC	0.26 mg/L	1.0 mg/L

Notes: mg/L = milligrams per liter

The copper content of sample SS5 exceeded the threshold for hazardous waste under California's Title 22.

### **Polychlorinated Biphenyls**

All eight soil samples and all three concrete wipe samples were analyzed for PCBs. PCBs were not detected in soil samples above the laboratory reporting limit of 130 micrograms per kilogram ( $\mu\text{g}/\text{kg}$ ). PCBs were not detected in concrete wipe samples above the laboratory reporting limit of 4.0 micrograms per wipe ( $\mu\text{g}/\text{wipe}$ ).

## **Conclusions**

Based upon the findings detailed above, HDR developed the following conclusions:

- TPH, VOCs, and PCBs in soil do not present a hazardous waste risk to the proposed substation redesign project.
- PCBs in the concrete pads below the transformers do not present a hazardous waste risk to the project.
- Title 22 metals, particularly copper in the vicinity of SS5, may present a hazardous waste risk to the proposed project.

## **Recommendations**

HDR recommends the following:

- The soil from within a 5-foot radius around sample location SS5 should be managed as potentially hazardous waste during construction. This area is located near the southwestern corner of the center transformer. If construction activities remove soil from this area, it should be segregated from other site soil and analyzed separately prior to disposal.
- Other than the soil in the immediate vicinity of location SS5, the soil from the site will likely be suitable for reuse in onsite grading activities during project construction. The RECs described in the Phase I ESA<sup>2</sup> are unlikely to have an impact on the project.
- Construction contractors should be instructed to stop work and notify the engineer or owner if obvious signs of contamination are encountered (visibly stained soil, discoloration, strong odors, sludge). The nature and extent of contamination should be assessed, health and safety precautions should be addressed, and soil handling procedures should be put into place prior to resuming work.

## **Contractor Procedures**

HDR recommend the following soil handling requirements and procedures:

---

<sup>2</sup> *Phase I Environmental Site Assessment, Willow Substation, Burbank, California*. Prepared by HDR for Burbank Water and Power. April 12, 2021.

1. OBVIOUS SIGNS OF CONTAMINATION – In all cases when conducting earthwork activities, soil that exhibits obvious signs of contamination shall be segregated and stockpiled separately from other presumed-clean soil, and the resident engineer notified. Obvious signs of contamination include the following:
  - a. Visible staining or discoloration
  - b. Strong odors
  - c. Oily residue
  - d. Free-flowing liquids other than waterThe segregated soil shall be sampled and analyzed by an environmental laboratory for TPH (EPA Method 8015), VOCs (EPA Method 8260), and Title 22 metals (EPA Methods 6010 and 7471). Offsite disposal shall be approved by the resident engineer.
2. KNOWN OR SUSPECTED CONTAMINATION – As a result of the site soil site investigation, it is suspected that near-surface soil in the vicinity of sampling location SS5 may meet the definition of hazardous waste under California Title 22. Soil that is to be disturbed by earthwork activities, excluding crushed rock and gravel base, within a 5-foot radius of this location shall be segregated and stockpiled separately from other soil, even if it does not exhibit obvious signs of contamination. The segregated soil shall be sampled and analyzed by an environmental laboratory for TPH (EPA Method 8015), VOCs (EPA Method 8260), and Title 22 metals (EPA Methods 6010 and 7471). Offsite disposal shall be approved by the resident engineer.
3. STOCKPILES - Segregated soil shall be placed upon polyethylene sheeting with a minimum thickness of 8 mil. Piles shall be covered with polyethylene sheeting with a minimum thickness of 8 mil at the end of each day and whenever the stockpiles are not in active use. Stockpiles shall also conform to all the requirements of the Stormwater Pollution Prevention Plan (SWPPP).
4. ONSITE SOIL REUSE – Soil that is disturbed during earthwork activities may be reused onsite if it does not fall under the categories of Section 1 or Section 2 above. The resident engineer reserves the right to approve or reject any soil for onsite reuse at their discretion.

# Closing

HDR's services have been performed with thoroughness and competence of the engineering profession. No other warranty or representation, either expressed or implied, is included or intended. Thank you for the opportunity to provide our consulting services to BWP. If you have any questions, contact Andrew Cherene at (562) 264-1114 or [andrew.cherene@hdrinc.com](mailto:andrew.cherene@hdrinc.com).

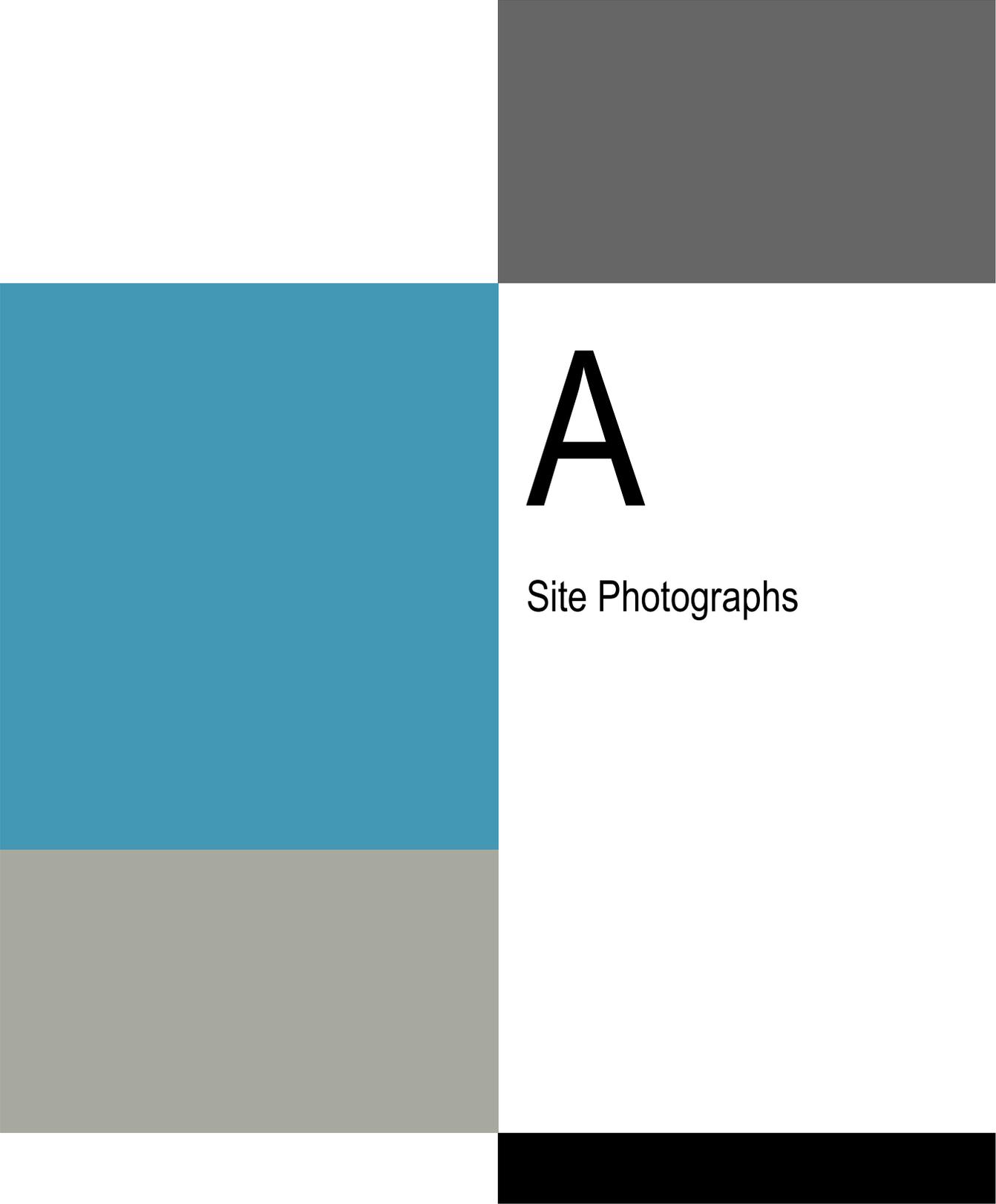
Sincerely,

HDR



Andrew Cherene, PG, CHg  
Senior Geologist





A

Site Photographs

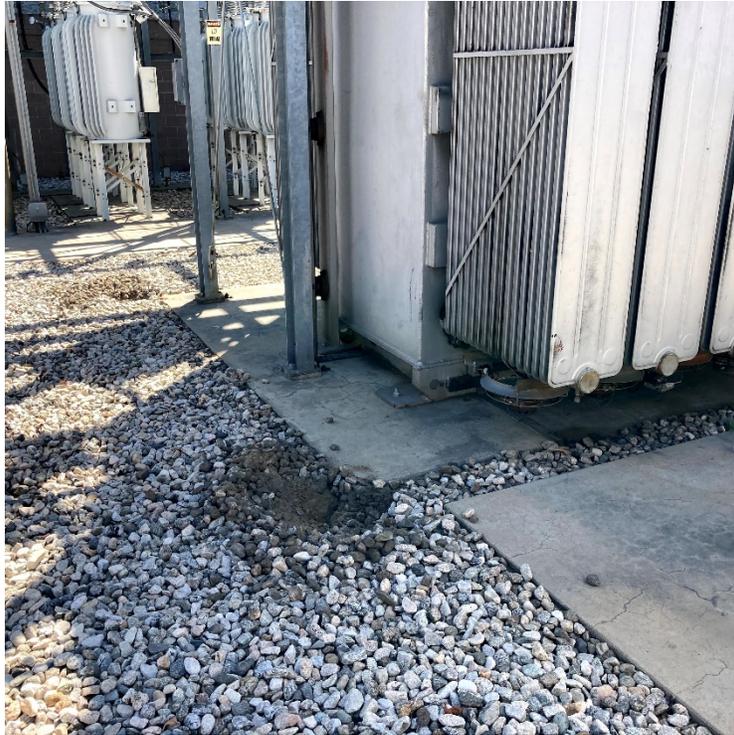


Photo 1: Soil Sample Location 1

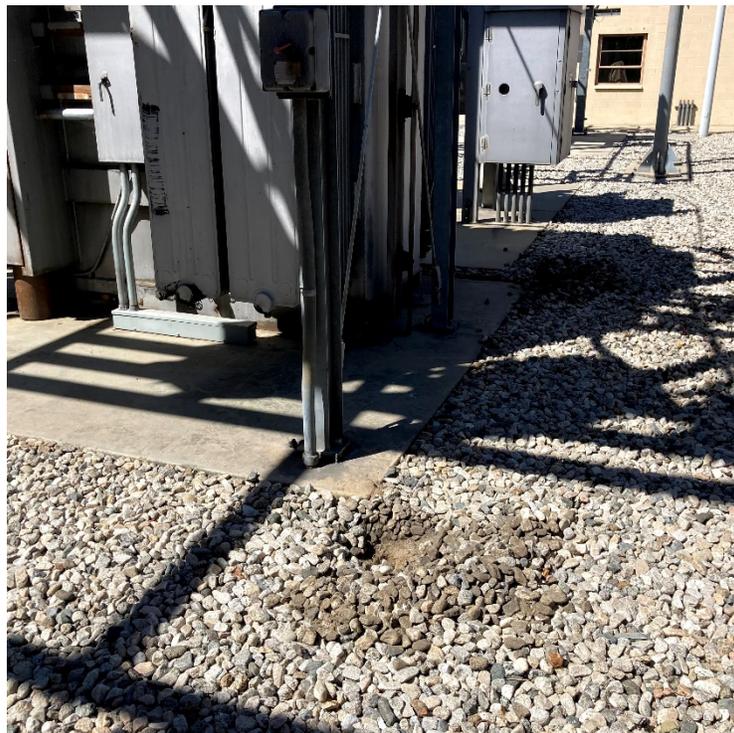


Photo 2: Soil Sample Location 2



Photo 3: Soil Sample Location 3

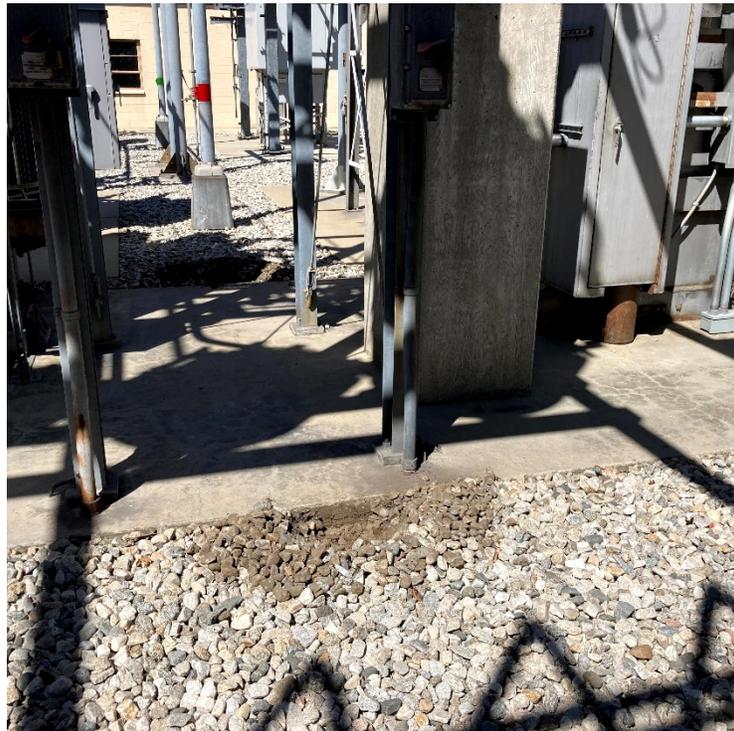


Photo 4: Soil Sample Location 4



Photo 5: Soil Sample Location 5

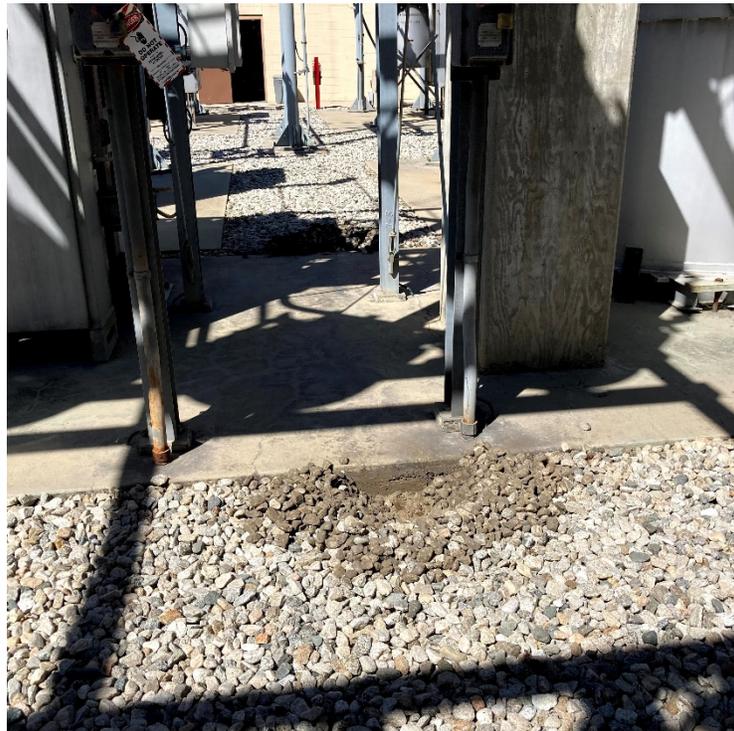


Photo 6: Soil Sample Location 6



Photo 7: Soil Sample Location 7



Photo 8: Soil Sample Location 8



Photo 9: Concrete Wipe Sample Location A



Photo 10: Concrete Wipe Sample Location B



Photo 11: Concrete Wipe Sample Location C



# B

Laboratory Analytical Reports



**Orange Coast Analytical, Inc.**

3002 Dow, Suite 532, Tustin, CA 92780 (714) 832-0064 Fax (714) 832-0067  
4620 E. Elwood, Suite 4, Phoenix, AZ 85040 (480) 736-0960 Fax (480) 736-0970

**LABORATORY REPORT FORM**

ORANGE COAST ANALYTICAL, INC.

3002 Dow Suite 532 Tustin, CA 92780

(714) 832-0064

Laboratory Certification (ELAP) No.:2576

Expiration Date: 2023

Los Angeles County Sanitation District Lab ID# 10206

Laboratory Director's Name:

Mark Noorani

Client: HDR Engineering, Inc.

Laboratory Reference: HDR 26116

Project Name: Naomi Substation

Project Number: 10257467

Date Received: 4/30/2021

Date Reported: 5/18/2021

Chain of Custody Received:

Analytical Method: 8015B, 8082, 8260B, 6010B, 7471A,

Mark Noorani, Laboratory Director

Mr. Andrew Cherene  
HDR Engineering, Inc.  
100 Oceangate 1120  
Long Beach, CA, 90802

Lab Reference #: HDR 26116  
Project Name: Naomi Substation  
Project #: 10257467

### ***Case Narrative***

#### **Sample Receipt:**

All samples on the Chain of Custody were received by OCA at 14°C, on ice.

#### **Holding Times:**

All samples were analyzed within required holding times unless otherwise noted in the data qualifier section of the report.

#### **Analytical Methods:**

Sample analysis was performed following the analytical methods listed on the cover page.

#### **Data Qualifiers:**

Within this report, data qualifiers may have been assigned to clarify deviations in common laboratory procedures or any divergence from laboratory QA/QC criteria. If a data qualifier has been used, it will appear in the back of the report along with its description. All method QA/QC criteria have been met unless otherwise noted in the data qualifier section.

#### **Definition of Terms:**

The definitions of common terms and acronyms used in the report have been placed at the back of the report to assist data users.

#### **Comments:**

None

Mr. Andrew Cherene  
HDR Engineering, Inc.  
100 Oceangate 1120  
Long Beach, CA, 90802

Lab Reference #: HDR 26116  
Project Name: Naomi Substation  
Project #: 10257467

***Client Sample Summary***

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Matrix
SS8-0.5-043021	26116-001	4/30/2021	4/30/2021	Soil
SS7-0.5-043021	26116-002	4/30/2021	4/30/2021	Soil
SS6-0.5-043021	26116-003	4/30/2021	4/30/2021	Soil
SS5-0.5-043021	26116-004	4/30/2021	4/30/2021	Soil
SS4-0.5-043021	26116-005	4/30/2021	4/30/2021	Soil
SS3-0.5-043021	26116-006	4/30/2021	4/30/2021	Soil
SS2-0.5-043021	26116-007	4/30/2021	4/30/2021	Soil
SS1-0.5-043021	26116-008	4/30/2021	4/30/2021	Soil
CW C-043021	26116-009	4/30/2021	4/30/2021	Wipe
CW B-043021	26116-010	4/30/2021	4/30/2021	Wipe
CW A-043021	26116-011	4/30/2021	4/30/2021	Wipe



Mr. Andrew Cherene  
 HDR Engineering, Inc.  
 100 Oceangate 1120  
 Long Beach, CA, 90802

Lab Reference #: HDR 26116  
 Project Name: Naomi Substation  
 Project #: 10257467

**Extractable Fuel Hydrocarbons (EPA 8015B)**

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
SS6-0.5-043021	26116-003	4/30/2021 13:32	4/30/2021 10:10	5/4/2021 10:30	5/7/2021 13:21	Soil
<u>ANALYTE</u>	<u>mg/kg</u>			<u>Surrogate:</u>	<u>% RC*</u>	
MROs	<50			Octacosane	68	
<u>Dilution Factor:</u>	1			* Acc Recovery: 20-181 %		
<u>Data Qualifiers:</u>	None					
SS5-0.5-043021	26116-004	4/30/2021 13:32	4/30/2021 10:14	5/4/2021 10:30	5/5/2021 10:30	Soil
<u>ANALYTE</u>	<u>mg/kg</u>			<u>Surrogate:</u>	<u>% RC*</u>	
DROs	<10			Octacosane	77	
<u>Dilution Factor:</u>	1			* Acc Recovery: 20-181 %		
<u>Data Qualifiers:</u>	None					
SS5-0.5-043021	26116-004	4/30/2021 13:32	4/30/2021 10:14	5/4/2021 10:30	5/5/2021 10:30	Soil
<u>ANALYTE</u>	<u>mg/kg</u>			<u>Surrogate:</u>	<u>% RC*</u>	
MROs	<50			Octacosane	77	
<u>Dilution Factor:</u>	1			* Acc Recovery: 20-181 %		
<u>Data Qualifiers:</u>	None					
SS4-0.5-043021	26116-005	4/30/2021 13:32	4/30/2021 10:18	5/4/2021 10:30	5/5/2021 11:14	Soil
<u>ANALYTE</u>	<u>mg/kg</u>			<u>Surrogate:</u>	<u>% RC*</u>	
DROs	11			Octacosane	69	
<u>Dilution Factor:</u>	1			* Acc Recovery: 20-181 %		
<u>Data Qualifiers:</u>	None					
SS4-0.5-043021	26116-005	4/30/2021 13:32	4/30/2021 10:18	5/4/2021 10:30	5/5/2021 11:14	Soil
<u>ANALYTE</u>	<u>mg/kg</u>			<u>Surrogate:</u>	<u>% RC*</u>	
MROs	65			Octacosane	69	
<u>Dilution Factor:</u>	1			* Acc Recovery: 20-181 %		
<u>Data Qualifiers:</u>	None					

Mr. Andrew Cherene  
 HDR Engineering, Inc.  
 100 Oceangate 1120  
 Long Beach, CA, 90802

Lab Reference #: HDR 26116  
 Project Name: Naomi Substation  
 Project #: 10257467

**Extractable Fuel Hydrocarbons (EPA 8015B)**

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
SS3-0.5-043021	26116-006	4/30/2021 13:32	4/30/2021 10:22	5/4/2021 10:30	5/5/2021 12:37	Soil

ANALYTE                      mg/kg    Surrogate:                      % RC\*  
 DROs                                      <10    Octacosane                      87  
Dilution Factor: 1    \* Acc Recovery: 20-181 %  
Data Qualifiers: None

SS3-0.5-043021	26116-006	4/30/2021 13:32	4/30/2021 10:22	5/4/2021 10:30	5/5/2021 12:37	Soil
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ANALYTE                      mg/kg    Surrogate:                      % RC\*  
 MROs                                      63    Octacosane                      87  
Dilution Factor: 1    \* Acc Recovery: 20-181 %  
Data Qualifiers: None

SS2-0.5-043021	26116-007	4/30/2021 13:32	4/30/2021 10:25	5/4/2021 10:30	5/5/2021 13:19	Soil
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ANALYTE                      mg/kg    Surrogate:                      % RC\*  
 DROs                                      <10    Octacosane                      92  
Dilution Factor: 1    \* Acc Recovery: 20-181 %  
Data Qualifiers: None

SS2-0.5-043021	26116-007	4/30/2021 13:32	4/30/2021 10:25	5/4/2021 10:30	5/5/2021 13:19	Soil
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ANALYTE                      mg/kg    Surrogate:                      % RC\*  
 MROs                                      <50    Octacosane                      92  
Dilution Factor: 1    \* Acc Recovery: 20-181 %  
Data Qualifiers: None

SS1-0.5-043021	26116-008	4/30/2021 13:32	4/30/2021 10:30	5/4/2021 10:30	5/5/2021 14:00	Soil
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ANALYTE                      mg/kg    Surrogate:                      % RC\*  
 DROs                                      <10    Octacosane                      76  
Dilution Factor: 1    \* Acc Recovery: 20-181 %  
Data Qualifiers: None

Mr. Andrew Cherene  
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 100 Oceangate 1120  
 Long Beach, CA, 90802

Lab Reference #: HDR 26116  
 Project Name: Naomi Substation  
 Project #: 10257467

**Extractable Fuel Hydrocarbons (EPA 8015B)**

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
SS1-0.5-043021	26116-008	4/30/2021 13:32	4/30/2021 10:30	5/4/2021 10:30	5/5/2021 14:00	Soil

ANALYTE                      mg/kg                                      Surrogate:                      % RC\*  
 MROs                                      55                                      Octacosane                      76  
Dilution Factor: 1                                      \* Acc Recovery: 20-181 %  
Data Qualifiers: None

Method Blank	MBAV0503212			5/3/2021 11:00	5/11/2021 18:29	Soil
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ANALYTE                      mg/kg                                      Surrogate:                      % RC\*  
 DROs                                      <10                                      Octacosane                      91  
Dilution Factor: 1                                      \* Acc Recovery: 20-181 %  
Data Qualifiers: None

Method Blank	MBAV0503212			5/3/2021 11:00	5/11/2021 18:29	Soil
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ANALYTE                      mg/kg                                      Surrogate:                      % RC\*  
 MROs                                      <50                                      Octacosane                      91  
Dilution Factor: 1                                      \* Acc Recovery: 20-181 %  
Data Qualifiers: None

Mr. Andrew Cherene  
 HDR Engineering, Inc.  
 100 Oceangate 1120  
 Long Beach, CA, 90802

Lab Reference #: HDR 26116  
 Project Name: Naomi Substation  
 Project #: 10257467

**Gasoline Range Organics - GROs (EPA 8015B)**

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
SS8-0.5-043021	26116-001	4/30/2021 13:32	4/30/2021 10:00	4/30/2021 10:00	5/11/2021 14:40	Soil
<u>ANALYTE</u>	<u>mg/kg</u>		<u>Surrogate:</u>	<u>% RC*</u>		
GROs <sup>1</sup>	<0.20		$\alpha$ - $\alpha$ - $\alpha$ -Trifluorotoluene	100		
<u>Dilution Factor:</u> 1				* Acceptable Recovery: 66-130 %		
<u>Data Qualifiers:</u> None						
SS7-0.5-043021	26116-002	4/30/2021 13:32	4/30/2021 10:05	4/30/2021 10:05	5/11/2021 14:58	Soil
<u>ANALYTE</u>	<u>mg/kg</u>		<u>Surrogate:</u>	<u>% RC*</u>		
GROs <sup>1</sup>	<0.20		$\alpha$ - $\alpha$ - $\alpha$ -Trifluorotoluene	94		
<u>Dilution Factor:</u> 1				* Acceptable Recovery: 66-130 %		
<u>Data Qualifiers:</u> None						
SS6-0.5-043021	26116-003	4/30/2021 13:32	4/30/2021 10:10	5/11/2021 10:25	5/11/2021 15:16	Soil
<u>ANALYTE</u>	<u>mg/kg</u>		<u>Surrogate:</u>	<u>% RC*</u>		
GROs <sup>1</sup>	<0.20		$\alpha$ - $\alpha$ - $\alpha$ -Trifluorotoluene	99		
<u>Dilution Factor:</u> 1				* Acceptable Recovery: 66-130 %		
<u>Data Qualifiers:</u> None						
SS5-0.5-043021	26116-004	4/30/2021 13:32	4/30/2021 10:14	4/30/2021 10:14	5/11/2021 15:34	Soil
<u>ANALYTE</u>	<u>mg/kg</u>		<u>Surrogate:</u>	<u>% RC*</u>		
GROs <sup>1</sup>	<0.20		$\alpha$ - $\alpha$ - $\alpha$ -Trifluorotoluene	93		
<u>Dilution Factor:</u> 1				* Acceptable Recovery: 66-130 %		
<u>Data Qualifiers:</u> None						
SS4-0.5-043021	26116-005	4/30/2021 13:32	4/30/2021 10:18	4/30/2021 10:18	5/11/2021 16:36	Soil
<u>ANALYTE</u>	<u>mg/kg</u>		<u>Surrogate:</u>	<u>% RC*</u>		
GROs <sup>1</sup>	<0.20		$\alpha$ - $\alpha$ - $\alpha$ -Trifluorotoluene	99		
<u>Dilution Factor:</u> 1				* Acceptable Recovery: 66-130 %		
<u>Data Qualifiers:</u> None						

Gasoline Range Organics (GROs) are quantitated against a gasoline standard.

Mr. Andrew Cherene  
 HDR Engineering, Inc.  
 100 Oceangate 1120  
 Long Beach, CA, 90802

Lab Reference #: HDR 26116  
 Project Name: Naomi Substation  
 Project #: 10257467

**Gasoline Range Organics - GROs (EPA 8015B)**

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
SS3-0.5-043021	26116-006	4/30/2021 13:32	4/30/2021 10:22	4/30/2021 10:22	5/11/2021 16:55	Soil
<u>ANALYTE</u>	<u>mg/kg</u>		<u>Surrogate:</u>		<u>% RC*</u>	
GROs <sup>1</sup>	<0.20		$\alpha$ - $\alpha$ - $\alpha$ -Trifluorotoluene		99	
<u>Dilution Factor:</u> 1					* Acceptable Recovery: 66-130 %	
<u>Data Qualifiers:</u> None						
SS2-0.5-043021	26116-007	4/30/2021 13:32	4/30/2021 10:25	4/30/2021 10:25	5/11/2021 17:13	Soil
<u>ANALYTE</u>	<u>mg/kg</u>		<u>Surrogate:</u>		<u>% RC*</u>	
GROs <sup>1</sup>	<0.20		$\alpha$ - $\alpha$ - $\alpha$ -Trifluorotoluene		96	
<u>Dilution Factor:</u> 1					* Acceptable Recovery: 66-130 %	
<u>Data Qualifiers:</u> None						
SS1-0.5-043021	26116-008	4/30/2021 13:32	4/30/2021 10:30	4/30/2021 10:30	5/11/2021 17:31	Soil
<u>ANALYTE</u>	<u>mg/kg</u>		<u>Surrogate:</u>		<u>% RC*</u>	
GROs <sup>1</sup>	<0.20		$\alpha$ - $\alpha$ - $\alpha$ -Trifluorotoluene		91	
<u>Dilution Factor:</u> 1					* Acceptable Recovery: 66-130 %	
<u>Data Qualifiers:</u> None						
Method Blank	MBTS0511211			5/11/2021 10:25	5/11/2021 11:12	Soil
<u>ANALYTE</u>	<u>mg/kg</u>		<u>Surrogate:</u>		<u>% RC*</u>	
GROs <sup>1</sup>	<0.20		$\alpha$ - $\alpha$ - $\alpha$ -Trifluorotoluene		81	
<u>Dilution Factor:</u> 1					* Acceptable Recovery: 66-130 %	
<u>Data Qualifiers:</u> None						

Gasoline Range Organics (GROs) are quantitated against a gasoline standard.

Mr. Andrew Cherene  
HDR Engineering, Inc.  
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Long Beach, CA, 90802

Lab Reference #: HDR 26116  
Project Name: Naomi Substation  
Project #: 10257467

**Polychlorinated Biphenyl's (EPA 8082)**

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
SS8-0.5-043021	26116-001	4/30/2021 13:32	4/30/2021 10:00	5/10/2021 10:30	5/14/2021 18:24	Soil

<u>ANALYTE</u>	<u>CAS #</u>	<u>µg/kg</u>	<u>Surrogate:</u>	<u>% RC*</u>
PCB-1016	12674-11-2	<130	Decachlorobiphenyl	75
PCB-1221	11104-28-2	<130		
PCB-1232	11141-16-5	<130	* Acceptable Recovery: 42-142 %	
PCB-1242	53469-21-9	<130	<u>Dilution Factor:</u> 5	
PCB-1248	12672-29-6	<130	<u>Data Qualifiers:</u> D1,	
PCB-1254	11097-69-1	<130		
PCB-1260	11096-82-5	<130		

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
SS7-0.5-043021	26116-002	4/30/2021 13:32	4/30/2021 10:05	5/10/2021 10:30	5/14/2021 18:39	Soil

<u>ANALYTE</u>	<u>CAS #</u>	<u>µg/kg</u>	<u>Surrogate:</u>	<u>% RC*</u>
PCB-1016	12674-11-2	<130	Decachlorobiphenyl	70
PCB-1221	11104-28-2	<130		
PCB-1232	11141-16-5	<130	* Acceptable Recovery: 42-142 %	
PCB-1242	53469-21-9	<130	<u>Dilution Factor:</u> 5	
PCB-1248	12672-29-6	<130	<u>Data Qualifiers:</u> D1,	
PCB-1254	11097-69-1	<130		
PCB-1260	11096-82-5	<130		

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
SS6-0.5-043021	26116-003	4/30/2021 13:32	4/30/2021 10:10	5/10/2021 10:30	5/14/2021 18:54	Soil

<u>ANALYTE</u>	<u>CAS #</u>	<u>µg/kg</u>	<u>Surrogate:</u>	<u>% RC*</u>
PCB-1016	12674-11-2	<130	Decachlorobiphenyl	78
PCB-1221	11104-28-2	<130		
PCB-1232	11141-16-5	<130	* Acceptable Recovery: 42-142 %	
PCB-1242	53469-21-9	<130	<u>Dilution Factor:</u> 5	
PCB-1248	12672-29-6	<130	<u>Data Qualifiers:</u> D1,	
PCB-1254	11097-69-1	<130		
PCB-1260	11096-82-5	<130		

Mr. Andrew Cherene  
 HDR Engineering, Inc.  
 100 Oceangate 1120  
 Long Beach, CA, 90802

Lab Reference #: HDR 26116  
 Project Name: Naomi Substation  
 Project #: 10257467

**Polychlorinated Biphenyl's (EPA 8082)**

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
SS5-0.5-043021	26116-004	4/30/2021 13:32	4/30/2021 10:14	5/10/2021 10:30	5/14/2021 19:10	Soil

<u>ANALYTE</u>	<u>CAS #</u>	<u>µg/kg</u>	<u>Surrogate:</u>	<u>% RC*</u>
PCB-1016	12674-11-2	<130	Decachlorobiphenyl	85
PCB-1221	11104-28-2	<130		
PCB-1232	11141-16-5	<130	* Acceptable Recovery: 42-142 %	
PCB-1242	53469-21-9	<130	<u>Dilution Factor:</u> 5	
PCB-1248	12672-29-6	<130	<u>Data Qualifiers:</u> D1,	
PCB-1254	11097-69-1	<130		
PCB-1260	11096-82-5	<130		

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
SS4-0.5-043021	26116-005	4/30/2021 13:32	4/30/2021 10:18	5/10/2021 10:30	5/14/2021 19:25	Soil

<u>ANALYTE</u>	<u>CAS #</u>	<u>µg/kg</u>	<u>Surrogate:</u>	<u>% RC*</u>
PCB-1016	12674-11-2	<130	Decachlorobiphenyl	79
PCB-1221	11104-28-2	<130		
PCB-1232	11141-16-5	<130	* Acceptable Recovery: 42-142 %	
PCB-1242	53469-21-9	<130	<u>Dilution Factor:</u> 5	
PCB-1248	12672-29-6	<130	<u>Data Qualifiers:</u> D1,	
PCB-1254	11097-69-1	<130		
PCB-1260	11096-82-5	<130		

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
SS3-0.5-043021	26116-006	4/30/2021 13:32	4/30/2021 10:22	5/10/2021 10:30	5/14/2021 19:40	Soil

<u>ANALYTE</u>	<u>CAS #</u>	<u>µg/kg</u>	<u>Surrogate:</u>	<u>% RC*</u>
PCB-1016	12674-11-2	<130	Decachlorobiphenyl	83
PCB-1221	11104-28-2	<130		
PCB-1232	11141-16-5	<130	* Acceptable Recovery: 42-142 %	
PCB-1242	53469-21-9	<130	<u>Dilution Factor:</u> 5	
PCB-1248	12672-29-6	<130	<u>Data Qualifiers:</u> D1,	
PCB-1254	11097-69-1	<130		
PCB-1260	11096-82-5	<130		

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Lab Reference #: HDR 26116  
 Project Name: Naomi Substation  
 Project #: 10257467

**Polychlorinated Biphenyl's (EPA 8082)**

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
SS2-0.5-043021	26116-007	4/30/2021 13:32	4/30/2021 10:25	5/10/2021 10:30	5/14/2021 19:55	Soil

<u>ANALYTE</u>	<u>CAS #</u>	<u>µg/kg</u>	<u>Surrogate:</u>	<u>% RC*</u>
PCB-1016	12674-11-2	<130	Decachlorobiphenyl	88
PCB-1221	11104-28-2	<130		
PCB-1232	11141-16-5	<130	* Acceptable Recovery: 42-142 %	
PCB-1242	53469-21-9	<130	<u>Dilution Factor:</u> 5	
PCB-1248	12672-29-6	<130	<u>Data Qualifiers:</u> D1,	
PCB-1254	11097-69-1	<130		
PCB-1260	11096-82-5	<130		

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
SS1-0.5-043021	26116-008	4/30/2021 13:32	4/30/2021 10:30	5/10/2021 10:30	5/14/2021 20:11	Soil

<u>ANALYTE</u>	<u>CAS #</u>	<u>µg/kg</u>	<u>Surrogate:</u>	<u>% RC*</u>
PCB-1016	12674-11-2	<130	Decachlorobiphenyl	82
PCB-1221	11104-28-2	<130		
PCB-1232	11141-16-5	<130	* Acceptable Recovery: 42-142 %	
PCB-1242	53469-21-9	<130	<u>Dilution Factor:</u> 5	
PCB-1248	12672-29-6	<130	<u>Data Qualifiers:</u> D1,	
PCB-1254	11097-69-1	<130		
PCB-1260	11096-82-5	<130		

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
Method Blank	MBAT0510211			5/10/2021 10:30	5/10/2021 13:06	Soil

<u>ANALYTE</u>	<u>CAS #</u>	<u>µg/kg</u>	<u>Surrogate:</u>	<u>% RC*</u>
PCB-1016	12674-11-2	<25	Decachlorobiphenyl	86
PCB-1221	11104-28-2	<25		
PCB-1232	11141-16-5	<25	* Acceptable Recovery: 42-142 %	
PCB-1242	53469-21-9	<25	<u>Dilution Factor:</u> 1	
PCB-1248	12672-29-6	<25	<u>Data Qualifiers:</u> None	
PCB-1254	11097-69-1	<25		
PCB-1260	11096-82-5	<25		

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Lab Reference #: HDR 26116  
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 Project #: 10257467

**Volatile Organics by GC/MS (EPA 8260B)**

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
SS8-0.5-043021	26116-001	4/30/2021 13:32	4/30/2021 10:00	4/30/2021 10:00	5/6/2021 15:00	Soil

<u>ANALYTE</u>	<u>CAS #</u>	<u>µg/kg</u>	<u>ANALYTE</u>	<u>CAS #</u>	<u>µg/kg</u>
t-Amyl methyl ether (TAME)	994-05-8	<10	trans-1,3-Dichloropropene	10061-02-6	<2.5
Benzene	71-43-2	<2.0	Diisopropyl ether (DIPE)	108-20-3	<10
Bromobenzene	108-86-1	<2.5	Ethyl t-butyl ether (ETBE)	637-92-3	<10
Bromochloromethane	74-97-5	<2.5	Ethylbenzene	100-41-4	<2.5
Bromodichloromethane	75-27-4	<2.5	Hexachlorobutadiene	87-68-3	<5.0
Bromoform	75-25-2	<2.5	Isopropylbenzene	98-82-8	<2.5
Bromomethane	74-83-9	<10	4-Isopropyltoluene	99-87-6	<2.5
tert-Butyl alcohol (TBA)	75-65-0	<50	Methyl t-butyl ether (MTBE)	1634-04-4	<5.0
n-Butylbenzene	104-51-8	<2.5	Methylene chloride	75-09-2	<10
sec-Butylbenzene	135-98-8	<2.5	Naphthalene	91-20-3	<2.5
tert-Butylbenzene	98-06-6	<2.5	n-Propylbenzene	103-65-1	<2.5
Carbon tetrachloride	56-23-5	<2.5	Styrene	100-42-5	<2.5
Chlorobenzene	108-90-7	<2.5	1,1,1,2-Tetrachloroethane	630-20-6	<2.5
Chloroethane	75-00-3	<5.0	1,1,2,2-Tetrachloroethane	79-34-5	<2.5
Chloroform	67-66-3	<2.5	Tetrachloroethene	127-18-4	<2.5
Chloromethane	74-87-3	<5.0	Toluene	108-88-3	<2.5
2-Chlorotoluene	95-49-8	<2.5	1,2,3-Trichlorobenzene	87-61-6	<2.5
4-Chlorotoluene	106-43-4	<2.5	1,2,4-Trichlorobenzene	120-82-1	<2.5
Dibromochloromethane	124-48-1	<2.5	1,1,1-Trichloroethane	71-55-6	<2.5
1,2-Dibromo-3-chloropropane	96-12-8	<5.0	1,1,2-Trichloroethane	79-00-5	<2.5
1,2-Dibromoethane	106-93-4	<2.5	Trichloroethene	79-01-6	<2.5
Dibromomethane	74-95-3	<2.5	Trichlorofluoromethane	75-69-4	<5.0
1,2-Dichlorobenzene	95-50-1	<2.5	1,2,3-Trichloropropane	96-18-4	<2.5
1,3-Dichlorobenzene	541-73-1	<2.5	1,2,4-Trimethylbenzene	95-63-6	<2.5
1,4-Dichlorobenzene	106-46-7	<2.5	1,3,5-Trimethylbenzene	108-67-8	<2.5
Dichlorodifluoromethane	75-71-8	<2.5	Vinyl Chloride	75-01-4	<2.5
1,1-Dichloroethane	75-34-3	<2.5	m- & p-Xylenes	179601-23-1	<5.0
1,2-Dichloroethane	107-06-2	<2.5	o-Xylene	95-47-6	<2.5
1,1-Dichloroethene	75-35-4	<2.5			
cis-1,2-Dichloroethene	156-59-2	<2.5			
trans-1,2-Dichloroethene	156-60-5	<2.5			
1,2-Dichloropropane	78-87-5	<2.5			
1,3-Dichloropropane	142-28-9	<2.5			
2,2-Dichloropropane	594-20-7	<2.5			
1,1-Dichloropropene	563-58-6	<2.5			
cis-1,3-Dichloropropene	10061-01-5	<2.5			

<u>Surrogate:</u>	<u>% RC</u>	<u>Acceptable % RC</u>	<u>Dilution Factor:</u> 1
Dibromofluoromethane:	85	33-132 %	<u>Data Qualifiers:</u> None
Toluene-d8:	68	52-130 %	
4-Bromofluorobenzene:	65	30-130 %	

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Lab Reference #: HDR 26116  
 Project Name: Naomi Substation  
 Project #: 10257467

**Volatile Organics by GC/MS (EPA 8260B)**

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
SS7-0.5-043021	26116-002	4/30/2021 13:32	4/30/2021 10:05	4/30/2021 10:05	5/6/2021 15:20	Soil

<u>ANALYTE</u>	<u>CAS #</u>	<u>µg/kg</u>	<u>ANALYTE</u>	<u>CAS #</u>	<u>µg/kg</u>
t-Amyl methyl ether (TAME)	994-05-8	<10	trans-1,3-Dichloropropene	10061-02-6	<2.5
Benzene	71-43-2	<2.0	Diisopropyl ether (DIPE)	108-20-3	<10
Bromobenzene	108-86-1	<2.5	Ethyl t-butyl ether (ETBE)	637-92-3	<10
Bromochloromethane	74-97-5	<2.5	Ethylbenzene	100-41-4	<2.5
Bromodichloromethane	75-27-4	<2.5	Hexachlorobutadiene	87-68-3	<5.0
Bromoform	75-25-2	<2.5	Isopropylbenzene	98-82-8	<2.5
Bromomethane	74-83-9	<10	4-Isopropyltoluene	99-87-6	<2.5
tert-Butyl alcohol (TBA)	75-65-0	<50	Methyl t-butyl ether (MTBE)	1634-04-4	<5.0
n-Butylbenzene	104-51-8	<2.5	Methylene chloride	75-09-2	<10
sec-Butylbenzene	135-98-8	<2.5	Naphthalene	91-20-3	<2.5
tert-Butylbenzene	98-06-6	<2.5	n-Propylbenzene	103-65-1	<2.5
Carbon tetrachloride	56-23-5	<2.5	Styrene	100-42-5	<2.5
Chlorobenzene	108-90-7	<2.5	1,1,1,2-Tetrachloroethane	630-20-6	<2.5
Chloroethane	75-00-3	<5.0	1,1,2,2-Tetrachloroethane	79-34-5	<2.5
Chloroform	67-66-3	<2.5	Tetrachloroethene	127-18-4	<2.5
Chloromethane	74-87-3	<5.0	Toluene	108-88-3	<2.5
2-Chlorotoluene	95-49-8	<2.5	1,2,3-Trichlorobenzene	87-61-6	<2.5
4-Chlorotoluene	106-43-4	<2.5	1,2,4-Trichlorobenzene	120-82-1	<2.5
Dibromochloromethane	124-48-1	<2.5	1,1,1-Trichloroethane	71-55-6	<2.5
1,2-Dibromo-3-chloropropane	96-12-8	<5.0	1,1,2-Trichloroethane	79-00-5	<2.5
1,2-Dibromoethane	106-93-4	<2.5	Trichloroethene	79-01-6	<2.5
Dibromomethane	74-95-3	<2.5	Trichlorofluoromethane	75-69-4	<5.0
1,2-Dichlorobenzene	95-50-1	<2.5	1,2,3-Trichloropropane	96-18-4	<2.5
1,3-Dichlorobenzene	541-73-1	<2.5	1,2,4-Trimethylbenzene	95-63-6	<2.5
1,4-Dichlorobenzene	106-46-7	<2.5	1,3,5-Trimethylbenzene	108-67-8	<2.5
Dichlorodifluoromethane	75-71-8	<2.5	Vinyl Chloride	75-01-4	<2.5
1,1-Dichloroethane	75-34-3	<2.5	m- & p-Xylenes	179601-23-1	<5.0
1,2-Dichloroethane	107-06-2	<2.5	o-Xylene	95-47-6	<2.5
1,1-Dichloroethene	75-35-4	<2.5			
cis-1,2-Dichloroethene	156-59-2	<2.5			
trans-1,2-Dichloroethene	156-60-5	<2.5			
1,2-Dichloropropane	78-87-5	<2.5			
1,3-Dichloropropane	142-28-9	<2.5			
2,2-Dichloropropane	594-20-7	<2.5			
1,1-Dichloropropene	563-58-6	<2.5			
cis-1,3-Dichloropropene	10061-01-5	<2.5			

<u>Surrogate:</u>	<u>% RC</u>	<u>Acceptable % RC</u>	<u>Dilution Factor:</u> 1
Dibromofluoromethane:	84	33-132 %	<u>Data Qualifiers:</u> None
Toluene-d8:	68	52-130 %	
4-Bromofluorobenzene:	63	30-130 %	

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Lab Reference #: HDR 26116  
 Project Name: Naomi Substation  
 Project #: 10257467

**Volatile Organics by GC/MS (EPA 8260B)**

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
SS6-0.5-043021	26116-003	4/30/2021 13:32	4/30/2021 10:10	5/3/2021 11:45	5/6/2021 15:40	Soil

<u>ANALYTE</u>	<u>CAS #</u>	<u>µg/kg</u>	<u>ANALYTE</u>	<u>CAS #</u>	<u>µg/kg</u>
t-Amyl methyl ether (TAME)	994-05-8	<10	trans-1,3-Dichloropropene	10061-02-6	<2.5
Benzene	71-43-2	<2.0	Diisopropyl ether (DIPE)	108-20-3	<10
Bromobenzene	108-86-1	<2.5	Ethyl t-butyl ether (ETBE)	637-92-3	<10
Bromochloromethane	74-97-5	<2.5	Ethylbenzene	100-41-4	<2.5
Bromodichloromethane	75-27-4	<2.5	Hexachlorobutadiene	87-68-3	<5.0
Bromoform	75-25-2	<2.5	Isopropylbenzene	98-82-8	<2.5
Bromomethane	74-83-9	<10	4-Isopropyltoluene	99-87-6	<2.5
tert-Butyl alcohol (TBA)	75-65-0	<50	Methyl t-butyl ether (MTBE)	1634-04-4	<5.0
n-Butylbenzene	104-51-8	<2.5	Methylene chloride	75-09-2	<10
sec-Butylbenzene	135-98-8	<2.5	Naphthalene	91-20-3	<2.5
tert-Butylbenzene	98-06-6	<2.5	n-Propylbenzene	103-65-1	<2.5
Carbon tetrachloride	56-23-5	<2.5	Styrene	100-42-5	<2.5
Chlorobenzene	108-90-7	<2.5	1,1,1,2-Tetrachloroethane	630-20-6	<2.5
Chloroethane	75-00-3	<5.0	1,1,2,2-Tetrachloroethane	79-34-5	<2.5
Chloroform	67-66-3	<2.5	Tetrachloroethene	127-18-4	<2.5
Chloromethane	74-87-3	<5.0	Toluene	108-88-3	<2.5
2-Chlorotoluene	95-49-8	<2.5	1,2,3-Trichlorobenzene	87-61-6	<2.5
4-Chlorotoluene	106-43-4	<2.5	1,2,4-Trichlorobenzene	120-82-1	<2.5
Dibromochloromethane	124-48-1	<2.5	1,1,1-Trichloroethane	71-55-6	<2.5
1,2-Dibromo-3-chloropropane	96-12-8	<5.0	1,1,2-Trichloroethane	79-00-5	<2.5
1,2-Dibromoethane	106-93-4	<2.5	Trichloroethene	79-01-6	<2.5
Dibromomethane	74-95-3	<2.5	Trichlorofluoromethane	75-69-4	<5.0
1,2-Dichlorobenzene	95-50-1	<2.5	1,2,3-Trichloropropane	96-18-4	<2.5
1,3-Dichlorobenzene	541-73-1	<2.5	1,2,4-Trimethylbenzene	95-63-6	<2.5
1,4-Dichlorobenzene	106-46-7	<2.5	1,3,5-Trimethylbenzene	108-67-8	<2.5
Dichlorodifluoromethane	75-71-8	<2.5	Vinyl Chloride	75-01-4	<2.5
1,1-Dichloroethane	75-34-3	<2.5	m- & p-Xylenes	179601-23-1	<5.0
1,2-Dichloroethane	107-06-2	<2.5	o-Xylene	95-47-6	<2.5
1,1-Dichloroethene	75-35-4	<2.5			
cis-1,2-Dichloroethene	156-59-2	<2.5			
trans-1,2-Dichloroethene	156-60-5	<2.5			
1,2-Dichloropropane	78-87-5	<2.5			
1,3-Dichloropropane	142-28-9	<2.5			
2,2-Dichloropropane	594-20-7	<2.5			
1,1-Dichloropropene	563-58-6	<2.5			
cis-1,3-Dichloropropene	10061-01-5	<2.5			

<u>Surrogate:</u>	<u>% RC</u>	<u>Acceptable % RC</u>	<u>Dilution Factor:</u> 1
Dibromofluoromethane:	84	33-132 %	<u>Data Qualifiers:</u> None
Toluene-d8:	66	52-130 %	
4-Bromofluorobenzene:	61	30-130 %	

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Lab Reference #: HDR 26116  
 Project Name: Naomi Substation  
 Project #: 10257467

**Volatile Organics by GC/MS (EPA 8260B)**

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
SS5-0.5-043021	26116-004	4/30/2021 13:32	4/30/2021 10:14	4/30/2021 10:14	5/6/2021 16:01	Soil

<u>ANALYTE</u>	<u>CAS #</u>	<u>µg/kg</u>	<u>ANALYTE</u>	<u>CAS #</u>	<u>µg/kg</u>
t-Amyl methyl ether (TAME)	994-05-8	<10	trans-1,3-Dichloropropene	10061-02-6	<2.5
Benzene	71-43-2	<2.0	Diisopropyl ether (DIPE)	108-20-3	<10
Bromobenzene	108-86-1	<2.5	Ethyl t-butyl ether (ETBE)	637-92-3	<10
Bromochloromethane	74-97-5	<2.5	Ethylbenzene	100-41-4	<2.5
Bromodichloromethane	75-27-4	<2.5	Hexachlorobutadiene	87-68-3	<5.0
Bromoform	75-25-2	<2.5	Isopropylbenzene	98-82-8	<2.5
Bromomethane	74-83-9	<10	4-Isopropyltoluene	99-87-6	<2.5
tert-Butyl alcohol (TBA)	75-65-0	<50	Methyl t-butyl ether (MTBE)	1634-04-4	<5.0
n-Butylbenzene	104-51-8	<2.5	Methylene chloride	75-09-2	<10
sec-Butylbenzene	135-98-8	<2.5	Naphthalene	91-20-3	<2.5
tert-Butylbenzene	98-06-6	<2.5	n-Propylbenzene	103-65-1	<2.5
Carbon tetrachloride	56-23-5	<2.5	Styrene	100-42-5	<2.5
Chlorobenzene	108-90-7	<2.5	1,1,1,2-Tetrachloroethane	630-20-6	<2.5
Chloroethane	75-00-3	<5.0	1,1,2,2-Tetrachloroethane	79-34-5	<2.5
Chloroform	67-66-3	<2.5	Tetrachloroethene	127-18-4	<2.5
Chloromethane	74-87-3	<5.0	Toluene	108-88-3	<2.5
2-Chlorotoluene	95-49-8	<2.5	1,2,3-Trichlorobenzene	87-61-6	<2.5
4-Chlorotoluene	106-43-4	<2.5	1,2,4-Trichlorobenzene	120-82-1	<2.5
Dibromochloromethane	124-48-1	<2.5	1,1,1-Trichloroethane	71-55-6	<2.5
1,2-Dibromo-3-chloropropane	96-12-8	<5.0	1,1,2-Trichloroethane	79-00-5	<2.5
1,2-Dibromoethane	106-93-4	<2.5	Trichloroethene	79-01-6	<2.5
Dibromomethane	74-95-3	<2.5	Trichlorofluoromethane	75-69-4	<5.0
1,2-Dichlorobenzene	95-50-1	<2.5	1,2,3-Trichloropropane	96-18-4	<2.5
1,3-Dichlorobenzene	541-73-1	<2.5	1,2,4-Trimethylbenzene	95-63-6	<2.5
1,4-Dichlorobenzene	106-46-7	<2.5	1,3,5-Trimethylbenzene	108-67-8	<2.5
Dichlorodifluoromethane	75-71-8	<2.5	Vinyl Chloride	75-01-4	<2.5
1,1-Dichloroethane	75-34-3	<2.5	m- & p-Xylenes	179601-23-1	<5.0
1,2-Dichloroethane	107-06-2	<2.5	o-Xylene	95-47-6	<2.5
1,1-Dichloroethene	75-35-4	<2.5			
cis-1,2-Dichloroethene	156-59-2	<2.5			
trans-1,2-Dichloroethene	156-60-5	<2.5			
1,2-Dichloropropane	78-87-5	<2.5			
1,3-Dichloropropane	142-28-9	<2.5			
2,2-Dichloropropane	594-20-7	<2.5			
1,1-Dichloropropene	563-58-6	<2.5			
cis-1,3-Dichloropropene	10061-01-5	<2.5			

<u>Surrogate:</u>	<u>% RC</u>	<u>Acceptable % RC</u>	<u>Dilution Factor:</u> 1
Dibromofluoromethane:	83	33-132 %	<u>Data Qualifiers:</u> None
Toluene-d8:	65	52-130 %	
4-Bromofluorobenzene:	57	30-130 %	

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Lab Reference #: HDR 26116  
 Project Name: Naomi Substation  
 Project #: 10257467

**Volatile Organics by GC/MS (EPA 8260B)**

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
SS4-0.5-043021	26116-005	4/30/2021 13:32	4/30/2021 10:18	4/30/2021 10:18	5/6/2021 16:22	Soil

<u>ANALYTE</u>	<u>CAS #</u>	<u>µg/kg</u>	<u>ANALYTE</u>	<u>CAS #</u>	<u>µg/kg</u>
t-Amyl methyl ether (TAME)	994-05-8	<10	trans-1,3-Dichloropropene	10061-02-6	<2.5
Benzene	71-43-2	<2.0	Diisopropyl ether (DIPE)	108-20-3	<10
Bromobenzene	108-86-1	<2.5	Ethyl t-butyl ether (ETBE)	637-92-3	<10
Bromochloromethane	74-97-5	<2.5	Ethylbenzene	100-41-4	<2.5
Bromodichloromethane	75-27-4	<2.5	Hexachlorobutadiene	87-68-3	<5.0
Bromoform	75-25-2	<2.5	Isopropylbenzene	98-82-8	<2.5
Bromomethane	74-83-9	<10	4-Isopropyltoluene	99-87-6	<2.5
tert-Butyl alcohol (TBA)	75-65-0	<50	Methyl t-butyl ether (MTBE)	1634-04-4	<5.0
n-Butylbenzene	104-51-8	<2.5	Methylene chloride	75-09-2	<10
sec-Butylbenzene	135-98-8	<2.5	Naphthalene	91-20-3	<2.5
tert-Butylbenzene	98-06-6	<2.5	n-Propylbenzene	103-65-1	<2.5
Carbon tetrachloride	56-23-5	<2.5	Styrene	100-42-5	<2.5
Chlorobenzene	108-90-7	<2.5	1,1,1,2-Tetrachloroethane	630-20-6	<2.5
Chloroethane	75-00-3	<5.0	1,1,2,2-Tetrachloroethane	79-34-5	<2.5
Chloroform	67-66-3	<2.5	Tetrachloroethene	127-18-4	<2.5
Chloromethane	74-87-3	<5.0	Toluene	108-88-3	<2.5
2-Chlorotoluene	95-49-8	<2.5	1,2,3-Trichlorobenzene	87-61-6	<2.5
4-Chlorotoluene	106-43-4	<2.5	1,2,4-Trichlorobenzene	120-82-1	<2.5
Dibromochloromethane	124-48-1	<2.5	1,1,1-Trichloroethane	71-55-6	<2.5
1,2-Dibromo-3-chloropropane	96-12-8	<5.0	1,1,2-Trichloroethane	79-00-5	<2.5
1,2-Dibromoethane	106-93-4	<2.5	Trichloroethene	79-01-6	<2.5
Dibromomethane	74-95-3	<2.5	Trichlorofluoromethane	75-69-4	<5.0
1,2-Dichlorobenzene	95-50-1	<2.5	1,2,3-Trichloropropane	96-18-4	<2.5
1,3-Dichlorobenzene	541-73-1	<2.5	1,2,4-Trimethylbenzene	95-63-6	<2.5
1,4-Dichlorobenzene	106-46-7	<2.5	1,3,5-Trimethylbenzene	108-67-8	<2.5
Dichlorodifluoromethane	75-71-8	<2.5	Vinyl Chloride	75-01-4	<2.5
1,1-Dichloroethane	75-34-3	<2.5	m- & p-Xylenes	179601-23-1	<5.0
1,2-Dichloroethane	107-06-2	<2.5	o-Xylene	95-47-6	<2.5
1,1-Dichloroethene	75-35-4	<2.5			
cis-1,2-Dichloroethene	156-59-2	<2.5			
trans-1,2-Dichloroethene	156-60-5	<2.5			
1,2-Dichloropropane	78-87-5	<2.5			
1,3-Dichloropropane	142-28-9	<2.5			
2,2-Dichloropropane	594-20-7	<2.5			
1,1-Dichloropropene	563-58-6	<2.5			
cis-1,3-Dichloropropene	10061-01-5	<2.5			

<u>Surrogate:</u>	<u>% RC</u>	<u>Acceptable % RC</u>	<u>Dilution Factor:</u> 1
Dibromofluoromethane:	83	33-132 %	<u>Data Qualifiers:</u> None
Toluene-d8:	67	52-130 %	
4-Bromofluorobenzene:	65	30-130 %	

Mr. Andrew Cherene  
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Lab Reference #: HDR 26116  
 Project Name: Naomi Substation  
 Project #: 10257467

**Volatile Organics by GC/MS (EPA 8260B)**

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
SS3-0.5-043021	26116-006	4/30/2021 13:32	4/30/2021 10:22	4/30/2021 10:22	5/6/2021 16:42	Soil

<u>ANALYTE</u>	<u>CAS #</u>	<u>µg/kg</u>	<u>ANALYTE</u>	<u>CAS #</u>	<u>µg/kg</u>
t-Amyl methyl ether (TAME)	994-05-8	<10	trans-1,3-Dichloropropene	10061-02-6	<2.5
Benzene	71-43-2	<2.0	Diisopropyl ether (DIPE)	108-20-3	<10
Bromobenzene	108-86-1	<2.5	Ethyl t-butyl ether (ETBE)	637-92-3	<10
Bromochloromethane	74-97-5	<2.5	Ethylbenzene	100-41-4	<2.5
Bromodichloromethane	75-27-4	<2.5	Hexachlorobutadiene	87-68-3	<5.0
Bromoform	75-25-2	<2.5	Isopropylbenzene	98-82-8	<2.5
Bromomethane	74-83-9	<10	4-Isopropyltoluene	99-87-6	<2.5
tert-Butyl alcohol (TBA)	75-65-0	<50	Methyl t-butyl ether (MTBE)	1634-04-4	<5.0
n-Butylbenzene	104-51-8	<2.5	Methylene chloride	75-09-2	<10
sec-Butylbenzene	135-98-8	<2.5	Naphthalene	91-20-3	<2.5
tert-Butylbenzene	98-06-6	<2.5	n-Propylbenzene	103-65-1	<2.5
Carbon tetrachloride	56-23-5	<2.5	Styrene	100-42-5	<2.5
Chlorobenzene	108-90-7	<2.5	1,1,1,2-Tetrachloroethane	630-20-6	<2.5
Chloroethane	75-00-3	<5.0	1,1,2,2-Tetrachloroethane	79-34-5	<2.5
Chloroform	67-66-3	<2.5	Tetrachloroethene	127-18-4	<2.5
Chloromethane	74-87-3	<5.0	Toluene	108-88-3	<2.5
2-Chlorotoluene	95-49-8	<2.5	1,2,3-Trichlorobenzene	87-61-6	<2.5
4-Chlorotoluene	106-43-4	<2.5	1,2,4-Trichlorobenzene	120-82-1	<2.5
Dibromochloromethane	124-48-1	<2.5	1,1,1-Trichloroethane	71-55-6	<2.5
1,2-Dibromo-3-chloropropane	96-12-8	<5.0	1,1,2-Trichloroethane	79-00-5	<2.5
1,2-Dibromoethane	106-93-4	<2.5	Trichloroethene	79-01-6	<2.5
Dibromomethane	74-95-3	<2.5	Trichlorofluoromethane	75-69-4	<5.0
1,2-Dichlorobenzene	95-50-1	<2.5	1,2,3-Trichloropropane	96-18-4	<2.5
1,3-Dichlorobenzene	541-73-1	<2.5	1,2,4-Trimethylbenzene	95-63-6	<2.5
1,4-Dichlorobenzene	106-46-7	<2.5	1,3,5-Trimethylbenzene	108-67-8	<2.5
Dichlorodifluoromethane	75-71-8	<2.5	Vinyl Chloride	75-01-4	<2.5
1,1-Dichloroethane	75-34-3	<2.5	m- & p-Xylenes	179601-23-1	<5.0
1,2-Dichloroethane	107-06-2	<2.5	o-Xylene	95-47-6	<2.5
1,1-Dichloroethene	75-35-4	<2.5			
cis-1,2-Dichloroethene	156-59-2	<2.5			
trans-1,2-Dichloroethene	156-60-5	<2.5			
1,2-Dichloropropane	78-87-5	<2.5			
1,3-Dichloropropane	142-28-9	<2.5			
2,2-Dichloropropane	594-20-7	<2.5			
1,1-Dichloropropene	563-58-6	<2.5			
cis-1,3-Dichloropropene	10061-01-5	<2.5			

<u>Surrogate:</u>	<u>% RC</u>	<u>Acceptable % RC</u>	<u>Dilution Factor:</u> 1
Dibromofluoromethane:	83	33-132 %	<u>Data Qualifiers:</u> None
Toluene-d8:	67	52-130 %	
4-Bromofluorobenzene:	63	30-130 %	

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Lab Reference #: HDR 26116  
Project Name: Naomi Substation  
Project #: 10257467

**Volatile Organics by GC/MS (EPA 8260B)**

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
SS2-0.5-043021	26116-007	4/30/2021 13:32	4/30/2021 10:25	4/30/2021 10:25	5/6/2021 17:03	Soil

<u>ANALYTE</u>	<u>CAS #</u>	<u>µg/kg</u>	<u>ANALYTE</u>	<u>CAS #</u>	<u>µg/kg</u>
t-Amyl methyl ether (TAME)	994-05-8	<10	trans-1,3-Dichloropropene	10061-02-6	<2.5
Benzene	71-43-2	<2.0	Diisopropyl ether (DIPE)	108-20-3	<10
Bromobenzene	108-86-1	<2.5	Ethyl t-butyl ether (ETBE)	637-92-3	<10
Bromochloromethane	74-97-5	<2.5	Ethylbenzene	100-41-4	<2.5
Bromodichloromethane	75-27-4	<2.5	Hexachlorobutadiene	87-68-3	<5.0
Bromoform	75-25-2	<2.5	Isopropylbenzene	98-82-8	<2.5
Bromomethane	74-83-9	<10	4-Isopropyltoluene	99-87-6	<2.5
tert-Butyl alcohol (TBA)	75-65-0	<50	Methyl t-butyl ether (MTBE)	1634-04-4	<5.0
n-Butylbenzene	104-51-8	<2.5	Methylene chloride	75-09-2	<10
sec-Butylbenzene	135-98-8	<2.5	Naphthalene	91-20-3	<2.5
tert-Butylbenzene	98-06-6	<2.5	n-Propylbenzene	103-65-1	<2.5
Carbon tetrachloride	56-23-5	<2.5	Styrene	100-42-5	<2.5
Chlorobenzene	108-90-7	<2.5	1,1,1,2-Tetrachloroethane	630-20-6	<2.5
Chloroethane	75-00-3	<5.0	1,1,2,2-Tetrachloroethane	79-34-5	<2.5
Chloroform	67-66-3	<2.5	Tetrachloroethene	127-18-4	<2.5
Chloromethane	74-87-3	<5.0	Toluene	108-88-3	<2.5
2-Chlorotoluene	95-49-8	<2.5	1,2,3-Trichlorobenzene	87-61-6	<2.5
4-Chlorotoluene	106-43-4	<2.5	1,2,4-Trichlorobenzene	120-82-1	<2.5
Dibromochloromethane	124-48-1	<2.5	1,1,1-Trichloroethane	71-55-6	<2.5
1,2-Dibromo-3-chloropropane	96-12-8	<5.0	1,1,2-Trichloroethane	79-00-5	<2.5
1,2-Dibromoethane	106-93-4	<2.5	Trichloroethene	79-01-6	<2.5
Dibromomethane	74-95-3	<2.5	Trichlorofluoromethane	75-69-4	<5.0
1,2-Dichlorobenzene	95-50-1	<2.5	1,2,3-Trichloropropane	96-18-4	<2.5
1,3-Dichlorobenzene	541-73-1	<2.5	1,2,4-Trimethylbenzene	95-63-6	<2.5
1,4-Dichlorobenzene	106-46-7	<2.5	1,3,5-Trimethylbenzene	108-67-8	<2.5
Dichlorodifluoromethane	75-71-8	<2.5	Vinyl Chloride	75-01-4	<2.5
1,1-Dichloroethane	75-34-3	<2.5	m- & p-Xylenes	179601-23-1	<5.0
1,2-Dichloroethane	107-06-2	<2.5	o-Xylene	95-47-6	<2.5
1,1-Dichloroethene	75-35-4	<2.5			
cis-1,2-Dichloroethene	156-59-2	<2.5			
trans-1,2-Dichloroethene	156-60-5	<2.5			
1,2-Dichloropropane	78-87-5	<2.5			
1,3-Dichloropropane	142-28-9	<2.5			
2,2-Dichloropropane	594-20-7	<2.5			
1,1-Dichloropropene	563-58-6	<2.5			
cis-1,3-Dichloropropene	10061-01-5	<2.5			

<u>Surrogate:</u>	<u>% RC</u>	<u>Acceptable % RC</u>	<u>Dilution Factor:</u> 1
Dibromofluoromethane:	82	33-132 %	<u>Data Qualifiers:</u> None
Toluene-d8:	64	52-130 %	
4-Bromofluorobenzene:	57	30-130 %	

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Lab Reference #: HDR 26116  
 Project Name: Naomi Substation  
 Project #: 10257467

**Volatile Organics by GC/MS (EPA 8260B)**

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
SS1-0.5-043021	26116-008	4/30/2021 13:32	4/30/2021 10:30	4/30/2021 10:30	5/6/2021 17:23	Soil

<u>ANALYTE</u>	<u>CAS #</u>	<u>µg/kg</u>	<u>ANALYTE</u>	<u>CAS #</u>	<u>µg/kg</u>
t-Amyl methyl ether (TAME)	994-05-8	<10	trans-1,3-Dichloropropene	10061-02-6	<2.5
Benzene	71-43-2	<2.0	Diisopropyl ether (DIPE)	108-20-3	<10
Bromobenzene	108-86-1	<2.5	Ethyl t-butyl ether (ETBE)	637-92-3	<10
Bromochloromethane	74-97-5	<2.5	Ethylbenzene	100-41-4	<2.5
Bromodichloromethane	75-27-4	<2.5	Hexachlorobutadiene	87-68-3	<5.0
Bromoform	75-25-2	<2.5	Isopropylbenzene	98-82-8	<2.5
Bromomethane	74-83-9	<10	4-Isopropyltoluene	99-87-6	<2.5
tert-Butyl alcohol (TBA)	75-65-0	<50	Methyl t-butyl ether (MTBE)	1634-04-4	<5.0
n-Butylbenzene	104-51-8	<2.5	Methylene chloride	75-09-2	<10
sec-Butylbenzene	135-98-8	<2.5	Naphthalene	91-20-3	<2.5
tert-Butylbenzene	98-06-6	<2.5	n-Propylbenzene	103-65-1	<2.5
Carbon tetrachloride	56-23-5	<2.5	Styrene	100-42-5	<2.5
Chlorobenzene	108-90-7	<2.5	1,1,1,2-Tetrachloroethane	630-20-6	<2.5
Chloroethane	75-00-3	<5.0	1,1,2,2-Tetrachloroethane	79-34-5	<2.5
Chloroform	67-66-3	<2.5	Tetrachloroethene	127-18-4	<2.5
Chloromethane	74-87-3	<5.0	Toluene	108-88-3	<2.5
2-Chlorotoluene	95-49-8	<2.5	1,2,3-Trichlorobenzene	87-61-6	<2.5
4-Chlorotoluene	106-43-4	<2.5	1,2,4-Trichlorobenzene	120-82-1	<2.5
Dibromochloromethane	124-48-1	<2.5	1,1,1-Trichloroethane	71-55-6	<2.5
1,2-Dibromo-3-chloropropane	96-12-8	<5.0	1,1,2-Trichloroethane	79-00-5	<2.5
1,2-Dibromoethane	106-93-4	<2.5	Trichloroethene	79-01-6	<2.5
Dibromomethane	74-95-3	<2.5	Trichlorofluoromethane	75-69-4	<5.0
1,2-Dichlorobenzene	95-50-1	<2.5	1,2,3-Trichloropropane	96-18-4	<2.5
1,3-Dichlorobenzene	541-73-1	<2.5	1,2,4-Trimethylbenzene	95-63-6	<2.5
1,4-Dichlorobenzene	106-46-7	<2.5	1,3,5-Trimethylbenzene	108-67-8	<2.5
Dichlorodifluoromethane	75-71-8	<2.5	Vinyl Chloride	75-01-4	<2.5
1,1-Dichloroethane	75-34-3	<2.5	m- & p-Xylenes	179601-23-1	<5.0
1,2-Dichloroethane	107-06-2	<2.5	o-Xylene	95-47-6	<2.5
1,1-Dichloroethene	75-35-4	<2.5			
cis-1,2-Dichloroethene	156-59-2	<2.5			
trans-1,2-Dichloroethene	156-60-5	<2.5			
1,2-Dichloropropane	78-87-5	<2.5			
1,3-Dichloropropane	142-28-9	<2.5			
2,2-Dichloropropane	594-20-7	<2.5			
1,1-Dichloropropene	563-58-6	<2.5			
cis-1,3-Dichloropropene	10061-01-5	<2.5			

<u>Surrogate:</u>	<u>% RC</u>	<u>Acceptable % RC</u>	<u>Dilution Factor:</u> 1
Dibromofluoromethane:	86	33-132 %	<u>Data Qualifiers:</u> None
Toluene-d8:	69	52-130 %	
4-Bromofluorobenzene:	64	30-130 %	

Mr. Andrew Cherene  
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Long Beach, CA, 90802

Lab Reference #: HDR 26116  
Project Name: Naomi Substation  
Project #: 10257467

**Volatile Organics by GC/MS (EPA 8260B)**

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
Method Blank	MBHT0503211			5/3/2021 11:45	5/6/2021 10:51	Soil

<u>ANALYTE</u>	<u>CAS #</u>	<u>µg/kg</u>	<u>ANALYTE</u>	<u>CAS #</u>	<u>µg/kg</u>
t-Amyl methyl ether (TAME)	994-05-8	<10	trans-1,3-Dichloropropene	10061-02-6	<2.5
Benzene	71-43-2	<2.0	Diisopropyl ether (DIPE)	108-20-3	<10
Bromobenzene	108-86-1	<2.5	Ethyl t-butyl ether (ETBE)	637-92-3	<10
Bromochloromethane	74-97-5	<2.5	Ethylbenzene	100-41-4	<2.5
Bromodichloromethane	75-27-4	<2.5	Hexachlorobutadiene	87-68-3	<5.0
Bromoform	75-25-2	<2.5	Isopropylbenzene	98-82-8	<2.5
Bromomethane	74-83-9	<10	4-Isopropyltoluene	99-87-6	<2.5
tert-Butyl alcohol (TBA)	75-65-0	<50	Methyl t-butyl ether (MTBE)	1634-04-4	<5.0
n-Butylbenzene	104-51-8	<2.5	Methylene chloride	75-09-2	<10
sec-Butylbenzene	135-98-8	<2.5	Naphthalene	91-20-3	<2.5
tert-Butylbenzene	98-06-6	<2.5	n-Propylbenzene	103-65-1	<2.5
Carbon tetrachloride	56-23-5	<2.5	Styrene	100-42-5	<2.5
Chlorobenzene	108-90-7	<2.5	1,1,1,2-Tetrachloroethane	630-20-6	<2.5
Chloroethane	75-00-3	<5.0	1,1,2,2-Tetrachloroethane	79-34-5	<2.5
Chloroform	67-66-3	<2.5	Tetrachloroethene	127-18-4	<2.5
Chloromethane	74-87-3	<5.0	Toluene	108-88-3	<2.5
2-Chlorotoluene	95-49-8	<2.5	1,2,3-Trichlorobenzene	87-61-6	<2.5
4-Chlorotoluene	106-43-4	<2.5	1,2,4-Trichlorobenzene	120-82-1	<2.5
Dibromochloromethane	124-48-1	<2.5	1,1,1-Trichloroethane	71-55-6	<2.5
1,2-Dibromo-3-chloropropane	96-12-8	<5.0	1,1,2-Trichloroethane	79-00-5	<2.5
1,2-Dibromoethane	106-93-4	<2.5	Trichloroethene	79-01-6	<2.5
Dibromomethane	74-95-3	<2.5	Trichlorofluoromethane	75-69-4	<5.0
1,2-Dichlorobenzene	95-50-1	<2.5	1,2,3-Trichloropropane	96-18-4	<2.5
1,3-Dichlorobenzene	541-73-1	<2.5	1,2,4-Trimethylbenzene	95-63-6	<2.5
1,4-Dichlorobenzene	106-46-7	<2.5	1,3,5-Trimethylbenzene	108-67-8	<2.5
Dichlorodifluoromethane	75-71-8	<2.5	Vinyl Chloride	75-01-4	<2.5
1,1-Dichloroethane	75-34-3	<2.5	m- & p-Xylenes	179601-23-1	<5.0
1,2-Dichloroethane	107-06-2	<2.5	o-Xylene	95-47-6	<2.5
1,1-Dichloroethene	75-35-4	<2.5			
cis-1,2-Dichloroethene	156-59-2	<2.5			
trans-1,2-Dichloroethene	156-60-5	<2.5			
1,2-Dichloropropane	78-87-5	<2.5			
1,3-Dichloropropane	142-28-9	<2.5			
2,2-Dichloropropane	594-20-7	<2.5			
1,1-Dichloropropene	563-58-6	<2.5			
cis-1,3-Dichloropropene	10061-01-5	<2.5			

<u>Surrogate:</u>	<u>% RC</u>	<u>Acceptable % RC</u>	<u>Dilution Factor:</u> 1
Dibromofluoromethane:	81	33-132 %	<u>Data Qualifiers:</u> None
Toluene-d8:	70	52-130 %	
4-Bromofluorobenzene:	66	30-130 %	

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Lab Reference #: HDR 26116  
Project Name: Naomi Substation  
Project #: 10257467

**Organics**

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Matrix
CW C-043021	26116-009	4/30/2021 13:32	4/30/2021 11:20	Wipe

<u>ANALYTE</u>	<u>EPA Method</u>	<u>Result</u>	<u>Units</u>	<u>Date Extracted</u>	<u>Date Analyzed</u>	<u>Qual</u>	<u>DF</u>
PCB-1016	8082	<4.0	ug/wipe	05/10/21 10:30	05/18/21 12:18	D1,	5
PCB-1221	8082	<4.0	ug/wipe	05/10/21 10:30	05/18/21 12:18	D1,	5
PCB-1232	8082	<4.0	ug/wipe	05/10/21 10:30	05/18/21 12:18	D1,	5
PCB-1242	8082	<4.0	ug/wipe	05/10/21 10:30	05/18/21 12:18	D1,	5
PCB-1248	8082	<4.0	ug/wipe	05/10/21 10:30	05/18/21 12:18	D1,	5
PCB-1254	8082	<4.0	ug/wipe	05/10/21 10:30	05/18/21 12:18	D1,	5
PCB-1260	8082	<4.0	ug/wipe	05/10/21 10:30	05/18/21 12:18	D1,	5

<u>Surrogate</u>	<u>Result (%)</u>	<u>Limits</u>	<u>Qual</u>
Decachlorobiphenyl	100	42 - 142%	D1,

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Matrix
CW B-043021	26116-010	4/30/2021 13:32	4/30/2021 11:15	Wipe

<u>ANALYTE</u>	<u>EPA Method</u>	<u>Result</u>	<u>Units</u>	<u>Date Extracted</u>	<u>Date Analyzed</u>	<u>Qual</u>	<u>DF</u>
PCB-1016	8082	<4.0	ug/wipe	05/10/21 10:30	05/18/21 12:34	D1,	5
PCB-1221	8082	<4.0	ug/wipe	05/10/21 10:30	05/18/21 12:34	D1,	5
PCB-1232	8082	<4.0	ug/wipe	05/10/21 10:30	05/18/21 12:34	D1,	5
PCB-1242	8082	<4.0	ug/wipe	05/10/21 10:30	05/18/21 12:34	D1,	5
PCB-1248	8082	<4.0	ug/wipe	05/10/21 10:30	05/18/21 12:34	D1,	5
PCB-1254	8082	<4.0	ug/wipe	05/10/21 10:30	05/18/21 12:34	D1,	5
PCB-1260	8082	<4.0	ug/wipe	05/10/21 10:30	05/18/21 12:34	D1,	5

<u>Surrogate</u>	<u>Result (%)</u>	<u>Limits</u>	<u>Qual</u>
Decachlorobiphenyl	98	42 - 142%	D1,

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Lab Reference #: HDR 26116  
Project Name: Naomi Substation  
Project #: 10257467

**Organics**

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Matrix
CW A-043021	26116-011	4/30/2021 13:32	4/30/2021 11:10	Wipe

ANALYTE	EPA Method	Result	Units	Date Extracted	Date Analyzed	Qual	DF
PCB-1016	8082	<4.0	ug/wipe	05/10/21 10:30	05/18/21 12:49	D1,	5
PCB-1221	8082	<4.0	ug/wipe	05/10/21 10:30	05/18/21 12:49	D1,	5
PCB-1232	8082	<4.0	ug/wipe	05/10/21 10:30	05/18/21 12:49	D1,	5
PCB-1242	8082	<4.0	ug/wipe	05/10/21 10:30	05/18/21 12:49	D1,	5
PCB-1248	8082	<4.0	ug/wipe	05/10/21 10:30	05/18/21 12:49	D1,	5
PCB-1254	8082	<4.0	ug/wipe	05/10/21 10:30	05/18/21 12:49	D1,	5
PCB-1260	8082	<4.0	ug/wipe	05/10/21 10:30	05/18/21 12:49	D1,	5

Surrogate	Result (%)	Limits	Qual
Decachlorobiphenyl	105	42 - 142%	D1,

Method Blank	Soil
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MB ID	ANALYTE	EPA Method	Result	Units	Date Extracted	Date Analyzed	Qual	DF
MBAT0510211	PCB-1016	8082	<0.80	ug/wipe	05/10/21 10:30	05/14/21 16:53	--	1
MBAT0510211	PCB-1221	8082	<0.80	ug/wipe	05/10/21 10:30	05/14/21 16:53	--	1
MBAT0510211	PCB-1232	8082	<0.80	ug/wipe	05/10/21 10:30	05/14/21 16:53	--	1
MBAT0510211	PCB-1242	8082	<0.80	ug/wipe	05/10/21 10:30	05/14/21 16:53	--	1
MBAT0510211	PCB-1248	8082	<0.80	ug/wipe	05/10/21 10:30	05/14/21 16:53	--	1
MBAT0510211	PCB-1254	8082	<0.80	ug/wipe	05/10/21 10:30	05/14/21 16:53	--	1
MBAT0510211	PCB-1260	8082	<0.80	ug/wipe	05/10/21 10:30	05/14/21 16:53	--	1

Surrogate	Result (%)	Limits	Qual
Decachlorobiphenyl	90	42 - 142%	--

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 Project #: 10257467

**Metals**

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Matrix
SS8-0.5-043021	26116-001	4/30/2021 13:32	4/30/2021 10:00	Soil

<u>ANALYTE</u>	<u>EPA Method</u>	<u>Result</u>	<u>Units</u>	<u>Date Extracted</u>	<u>Date Analyzed</u>	<u>Qual</u>	<u>DF</u>
Antimony	6010B	<2.0	mg/kg	05/02/21 10:00	05/04/21 15:47	--	1
Arsenic	6010B	3.8	mg/kg	05/02/21 10:00	05/04/21 15:47	--	1
Barium	6010B	140	mg/kg	05/02/21 10:00	05/04/21 15:47	--	1
Beryllium	6010B	<0.50	mg/kg	05/02/21 10:00	05/04/21 15:47	--	1
Cadmium	6010B	0.62	mg/kg	05/02/21 10:00	05/04/21 15:47	--	1
Chromium	6010B	18	mg/kg	05/02/21 10:00	05/04/21 15:47	--	1
Cobalt	6010B	12	mg/kg	05/02/21 10:00	05/04/21 15:47	--	1
Copper	6010B	28	mg/kg	05/02/21 10:00	05/04/21 15:47	--	1
Lead	6010B	7.6	mg/kg	05/02/21 10:00	05/04/21 15:47	--	1
Mercury	7471A	<0.10	mg/kg	05/07/21 11:12	05/07/21 15:12	--	1
Molybdenum	6010B	<1.0	mg/kg	05/02/21 10:00	05/04/21 15:47	--	1
Nickel	6010B	13	mg/kg	05/02/21 10:00	05/04/21 15:47	--	1
Selenium	6010B	<4.8	mg/kg	05/02/21 10:00	05/04/21 15:47	--	1
Silver	6010B	<0.50	mg/kg	05/02/21 10:00	05/04/21 15:47	--	1
Thallium	6010B	<2.0	mg/kg	05/02/21 10:00	05/04/21 15:47	--	1
Vanadium	6010B	44	mg/kg	05/02/21 10:00	05/04/21 15:47	--	1
Zinc	6010B	120	mg/kg	05/02/21 10:00	05/04/21 15:47	--	1

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Project #: 10257467

**Metals**

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Matrix
SS7-0.5-043021	26116-002	4/30/2021 13:32	4/30/2021 10:05	Soil

<u>ANALYTE</u>	<u>EPA Method</u>	<u>Result</u>	<u>Units</u>	<u>Date Extracted</u>	<u>Date Analyzed</u>	<u>Qual</u>	<u>DF</u>
Antimony	6010B	<2.0	mg/kg	05/02/21 10:00	05/04/21 15:50	--	1
Arsenic	6010B	4.1	mg/kg	05/02/21 10:00	05/04/21 15:50	--	1
Barium	6010B	130	mg/kg	05/02/21 10:00	05/04/21 15:50	--	1
Beryllium	6010B	<0.50	mg/kg	05/02/21 10:00	05/04/21 15:50	--	1
Cadmium	6010B	0.67	mg/kg	05/02/21 10:00	05/04/21 15:50	--	1
Chromium	6010B	18	mg/kg	05/02/21 10:00	05/04/21 15:50	--	1
Cobalt	6010B	12	mg/kg	05/02/21 10:00	05/04/21 15:50	--	1
Copper	6010B	36	mg/kg	05/02/21 10:00	05/04/21 15:50	--	1
Lead	6010B	16	mg/kg	05/02/21 10:00	05/04/21 15:50	--	1
Mercury	7471A	<0.10	mg/kg	05/07/21 11:12	05/07/21 15:14	--	1
Molybdenum	6010B	<1.0	mg/kg	05/02/21 10:00	05/04/21 15:50	--	1
Nickel	6010B	38	mg/kg	05/02/21 10:00	05/04/21 15:50	--	1
Selenium	6010B	<4.8	mg/kg	05/02/21 10:00	05/04/21 15:50	--	1
Silver	6010B	<0.50	mg/kg	05/02/21 10:00	05/04/21 15:50	--	1
Thallium	6010B	<2.0	mg/kg	05/02/21 10:00	05/04/21 15:50	--	1
Vanadium	6010B	43	mg/kg	05/02/21 10:00	05/04/21 15:50	--	1
Zinc	6010B	160	mg/kg	05/02/21 10:00	05/04/21 15:50	--	1

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Project #: 10257467

**Metals**

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Matrix
SS6-0.5-043021	26116-003	4/30/2021 13:32	4/30/2021 10:10	Soil

<u>ANALYTE</u>	<u>EPA Method</u>	<u>Result</u>	<u>Units</u>	<u>Date Extracted</u>	<u>Date Analyzed</u>	<u>Qual</u>	<u>DF</u>
Antimony	6010B	<2.0	mg/kg	05/02/21 10:00	05/04/21 15:54	--	1
Arsenic	6010B	3.9	mg/kg	05/02/21 10:00	05/04/21 15:54	--	1
Barium	6010B	100	mg/kg	05/02/21 10:00	05/04/21 15:54	--	1
Beryllium	6010B	<0.50	mg/kg	05/02/21 10:00	05/04/21 15:54	--	1
Cadmium	6010B	11	mg/kg	05/02/21 10:00	05/04/21 15:54	--	1
Chromium	6010B	17	mg/kg	05/02/21 10:00	05/04/21 15:54	--	1
Cobalt	6010B	10	mg/kg	05/02/21 10:00	05/04/21 15:54	--	1
Copper	6010B	120	mg/kg	05/02/21 10:00	05/04/21 15:54	--	1
Lead	6010B	21	mg/kg	05/02/21 10:00	05/04/21 15:54	--	1
Mercury	7471A	<0.10	mg/kg	05/07/21 11:12	05/07/21 15:16	--	1
Molybdenum	6010B	<1.0	mg/kg	05/02/21 10:00	05/04/21 15:54	--	1
Nickel	6010B	12	mg/kg	05/02/21 10:00	05/04/21 15:54	--	1
Selenium	6010B	<4.8	mg/kg	05/02/21 10:00	05/04/21 15:54	--	1
Silver	6010B	<0.50	mg/kg	05/02/21 10:00	05/04/21 15:54	--	1
Thallium	6010B	<2.0	mg/kg	05/02/21 10:00	05/04/21 15:54	--	1
Vanadium	6010B	38	mg/kg	05/02/21 10:00	05/04/21 15:54	--	1
Zinc	6010B	1800	mg/kg	05/02/21 10:00	05/04/21 15:54	--	1

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Lab Reference #: HDR 26116  
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Project #: 10257467

**Metals**

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Matrix
SS5-0.5-043021	26116-004	4/30/2021 13:32	4/30/2021 10:14	Soil

<u>ANALYTE</u>	<u>EPA Method</u>	<u>Result</u>	<u>Units</u>	<u>Date Extracted</u>	<u>Date Analyzed</u>	<u>Qual</u>	<u>DF</u>
Antimony	6010B	<2.0	mg/kg	05/02/21 10:00	05/04/21 16:00	--	1
Arsenic	6010B	12	mg/kg	05/02/21 10:00	05/04/21 16:00	--	1
Barium	6010B	120	mg/kg	05/02/21 10:00	05/04/21 16:00	--	1
Beryllium	6010B	<0.50	mg/kg	05/02/21 10:00	05/04/21 16:00	--	1
Cadmium	6010B	3.8	mg/kg	05/02/21 10:00	05/04/21 16:00	--	1
Chromium	6010B	17	mg/kg	05/02/21 10:00	05/04/21 16:00	--	1
Cobalt	6010B	11	mg/kg	05/02/21 10:00	05/04/21 16:00	--	1
Copper	6010B	1300	mg/kg	05/02/21 10:00	05/04/21 16:00	--	1
Lead	6010B	72	mg/kg	05/02/21 10:00	05/04/21 16:00	--	1
Mercury	7471A	<0.10	mg/kg	05/07/21 11:12	05/07/21 15:17	--	1
Molybdenum	6010B	<1.0	mg/kg	05/02/21 10:00	05/04/21 16:00	--	1
Nickel	6010B	16	mg/kg	05/02/21 10:00	05/04/21 16:00	--	1
Selenium	6010B	<4.8	mg/kg	05/02/21 10:00	05/04/21 16:00	--	1
Silver	6010B	<0.50	mg/kg	05/02/21 10:00	05/04/21 16:00	--	1
Thallium	6010B	<2.0	mg/kg	05/02/21 10:00	05/04/21 16:00	--	1
Vanadium	6010B	40	mg/kg	05/02/21 10:00	05/04/21 16:00	--	1
Zinc	6010B	1800	mg/kg	05/02/21 10:00	05/04/21 16:00	--	1

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Lab Reference #: HDR 26116  
Project Name: Naomi Substation  
Project #: 10257467

**Metals**

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Matrix
SS4-0.5-043021	26116-005	4/30/2021 13:32	4/30/2021 10:18	Soil

<u>ANALYTE</u>	<u>EPA Method</u>	<u>Result</u>	<u>Units</u>	<u>Date Extracted</u>	<u>Date Analyzed</u>	<u>Qual</u>	<u>DF</u>
Antimony	6010B	<2.0	mg/kg	05/02/21 10:00	05/04/21 16:13	--	1
Arsenic	6010B	4.5	mg/kg	05/02/21 10:00	05/04/21 16:13	--	1
Barium	6010B	130	mg/kg	05/02/21 10:00	05/04/21 16:13	--	1
Beryllium	6010B	<0.50	mg/kg	05/02/21 10:00	05/04/21 16:13	--	1
Cadmium	6010B	1.4	mg/kg	05/02/21 10:00	05/04/21 16:13	--	1
Chromium	6010B	16	mg/kg	05/02/21 10:00	05/04/21 16:13	--	1
Cobalt	6010B	11	mg/kg	05/02/21 10:00	05/04/21 16:13	--	1
Copper	6010B	59	mg/kg	05/02/21 10:00	05/04/21 16:13	--	1
Lead	6010B	12	mg/kg	05/02/21 10:00	05/04/21 16:13	--	1
Mercury	7471A	<0.10	mg/kg	05/07/21 11:12	05/07/21 15:19	--	1
Molybdenum	6010B	<1.0	mg/kg	05/02/21 10:00	05/04/21 16:13	--	1
Nickel	6010B	12	mg/kg	05/02/21 10:00	05/04/21 16:13	--	1
Selenium	6010B	<4.8	mg/kg	05/02/21 10:00	05/04/21 16:13	--	1
Silver	6010B	<0.50	mg/kg	05/02/21 10:00	05/04/21 16:13	--	1
Thallium	6010B	<2.0	mg/kg	05/02/21 10:00	05/04/21 16:13	--	1
Vanadium	6010B	42	mg/kg	05/02/21 10:00	05/04/21 16:13	--	1
Zinc	6010B	580	mg/kg	05/02/21 10:00	05/04/21 16:13	--	1

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Lab Reference #: HDR 26116  
Project Name: Naomi Substation  
Project #: 10257467

**Metals**

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Matrix
SS3-0.5-043021	26116-006	4/30/2021 13:32	4/30/2021 10:22	Soil

<u>ANALYTE</u>	<u>EPA Method</u>	<u>Result</u>	<u>Units</u>	<u>Date Extracted</u>	<u>Date Analyzed</u>	<u>Qual</u>	<u>DF</u>
Antimony	6010B	<2.0	mg/kg	05/02/21 10:00	05/04/21 16:17	--	1
Arsenic	6010B	5.6	mg/kg	05/02/21 10:00	05/04/21 16:17	--	1
Barium	6010B	130	mg/kg	05/02/21 10:00	05/04/21 16:17	--	1
Beryllium	6010B	<0.50	mg/kg	05/02/21 10:00	05/04/21 16:17	--	1
Cadmium	6010B	1.0	mg/kg	05/02/21 10:00	05/04/21 16:17	--	1
Chromium	6010B	18	mg/kg	05/02/21 10:00	05/04/21 16:17	--	1
Cobalt	6010B	12	mg/kg	05/02/21 10:00	05/04/21 16:17	--	1
Copper	6010B	35	mg/kg	05/02/21 10:00	05/04/21 16:17	--	1
Lead	6010B	13	mg/kg	05/02/21 10:00	05/04/21 16:17	--	1
Mercury	7471A	<0.10	mg/kg	05/07/21 11:12	05/07/21 15:21	--	1
Molybdenum	6010B	<1.0	mg/kg	05/02/21 10:00	05/04/21 16:17	--	1
Nickel	6010B	12	mg/kg	05/02/21 10:00	05/04/21 16:17	--	1
Selenium	6010B	<4.8	mg/kg	05/02/21 10:00	05/04/21 16:17	--	1
Silver	6010B	<0.50	mg/kg	05/02/21 10:00	05/04/21 16:17	--	1
Thallium	6010B	<2.0	mg/kg	05/02/21 10:00	05/04/21 16:17	--	1
Vanadium	6010B	43	mg/kg	05/02/21 10:00	05/04/21 16:17	--	1
Zinc	6010B	160	mg/kg	05/02/21 10:00	05/04/21 16:17	--	1

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 Project Name: Naomi Substation  
 Project #: 10257467

**Metals**

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Matrix
SS2-0.5-043021	26116-007	4/30/2021 13:32	4/30/2021 10:25	Soil

<u>ANALYTE</u>	<u>EPA Method</u>	<u>Result</u>	<u>Units</u>	<u>Date Extracted</u>	<u>Date Analyzed</u>	<u>Qual</u>	<u>DF</u>
Antimony	6010B	<2.0	mg/kg	05/02/21 10:00	05/04/21 16:20	--	1
Arsenic	6010B	<2.0	mg/kg	05/02/21 10:00	05/04/21 16:20	--	1
Barium	6010B	93	mg/kg	05/02/21 10:00	05/04/21 16:20	--	1
Beryllium	6010B	<0.50	mg/kg	05/02/21 10:00	05/04/21 16:20	--	1
Cadmium	6010B	<0.50	mg/kg	05/02/21 10:00	05/04/21 16:20	--	1
Chromium	6010B	11	mg/kg	05/02/21 10:00	05/04/21 16:20	--	1
Cobalt	6010B	8.2	mg/kg	05/02/21 10:00	05/04/21 16:20	--	1
Copper	6010B	17	mg/kg	05/02/21 10:00	05/04/21 16:20	--	1
Lead	6010B	8.6	mg/kg	05/02/21 10:00	05/04/21 16:20	--	1
Mercury	7471A	0.15	mg/kg	05/07/21 11:12	05/07/21 15:23	--	1
Molybdenum	6010B	<1.0	mg/kg	05/02/21 10:00	05/04/21 16:20	--	1
Nickel	6010B	7.4	mg/kg	05/02/21 10:00	05/04/21 16:20	--	1
Selenium	6010B	<4.8	mg/kg	05/02/21 10:00	05/04/21 16:20	--	1
Silver	6010B	<0.50	mg/kg	05/02/21 10:00	05/04/21 16:20	--	1
Thallium	6010B	<2.0	mg/kg	05/02/21 10:00	05/04/21 16:20	--	1
Vanadium	6010B	31	mg/kg	05/02/21 10:00	05/04/21 16:20	--	1
Zinc	6010B	88	mg/kg	05/02/21 10:00	05/04/21 16:20	--	1

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Lab Reference #: HDR 26116  
 Project Name: Naomi Substation  
 Project #: 10257467

**Metals**

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Matrix
SS1-0.5-043021	26116-008	4/30/2021 13:32	4/30/2021 10:30	Soil

<u>ANALYTE</u>	<u>EPA Method</u>	<u>Result</u>	<u>Units</u>	<u>Date Extracted</u>	<u>Date Analyzed</u>	<u>Qual</u>	<u>DF</u>
Antimony	6010B	<2.0	mg/kg	05/02/21 10:00	05/04/21 16:23	--	1
Arsenic	6010B	<2.0	mg/kg	05/02/21 10:00	05/04/21 16:23	--	1
Barium	6010B	98	mg/kg	05/02/21 10:00	05/04/21 16:23	--	1
Beryllium	6010B	<0.50	mg/kg	05/02/21 10:00	05/04/21 16:23	--	1
Cadmium	6010B	1.3	mg/kg	05/02/21 10:00	05/04/21 16:23	--	1
Chromium	6010B	12	mg/kg	05/02/21 10:00	05/04/21 16:23	--	1
Cobalt	6010B	8.3	mg/kg	05/02/21 10:00	05/04/21 16:23	--	1
Copper	6010B	96	mg/kg	05/02/21 10:00	05/04/21 16:23	--	1
Lead	6010B	14	mg/kg	05/02/21 10:00	05/04/21 16:23	--	1
Mercury	7471A	<0.10	mg/kg	05/07/21 11:12	05/07/21 15:28	--	1
Molybdenum	6010B	<1.0	mg/kg	05/02/21 10:00	05/04/21 16:23	--	1
Nickel	6010B	8.2	mg/kg	05/02/21 10:00	05/04/21 16:23	--	1
Selenium	6010B	<4.8	mg/kg	05/02/21 10:00	05/04/21 16:23	--	1
Silver	6010B	<0.50	mg/kg	05/02/21 10:00	05/04/21 16:23	--	1
Thallium	6010B	<2.0	mg/kg	05/02/21 10:00	05/04/21 16:23	--	1
Vanadium	6010B	32	mg/kg	05/02/21 10:00	05/04/21 16:23	--	1
Zinc	6010B	320	mg/kg	05/02/21 10:00	05/04/21 16:23	--	1

Mr. Andrew Cherene  
HDR Engineering, Inc.  
100 Oceangate 1120  
Long Beach, CA, 90802

Lab Reference #: HDR 26116  
Project Name: Naomi Substation  
Project #: 10257467

**Metals**

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Matrix				
Method Blank				Soil				
<u>MB ID</u>	<u>ANALYTE</u>	<u>EPA Method</u>	<u>Result</u>	<u>Units</u>	<u>Date Extracted</u>	<u>Date Analyzed</u>	<u>Qual</u>	<u>DF</u>
MBIR0502211	Antimony	6010B	<2.0	mg/kg	05/02/21 10:00	05/04/21 15:10	--	1
MBIR0502211	Arsenic	6010B	<2.0	mg/kg	05/02/21 10:00	05/04/21 15:10	--	1
MBIR0502211	Barium	6010B	<1.0	mg/kg	05/02/21 10:00	05/04/21 15:10	--	1
MBIR0502211	Beryllium	6010B	<0.50	mg/kg	05/02/21 10:00	05/04/21 15:10	--	1
MBIR0502211	Cadmium	6010B	<0.50	mg/kg	05/02/21 10:00	05/04/21 15:10	--	1
MBIR0502211	Chromium	6010B	<0.50	mg/kg	05/02/21 10:00	05/04/21 15:10	--	1
MBIR0502211	Cobalt	6010B	<0.50	mg/kg	05/02/21 10:00	05/04/21 15:10	--	1
MBIR0502211	Copper	6010B	<5.0	mg/kg	05/02/21 10:00	05/04/21 15:10	--	1
MBIR0502211	Lead	6010B	<0.80	mg/kg	05/02/21 10:00	05/04/21 15:10	--	1
MBSR0507211	Mercury	7471A	<0.10	mg/kg	05/07/21 11:12	05/07/21 11:12	--	1
MBIR0502211	Molybdenum	6010B	<1.0	mg/kg	05/02/21 10:00	05/04/21 15:10	--	1
MBIR0502211	Nickel	6010B	<1.0	mg/kg	05/02/21 10:00	05/04/21 15:10	--	1
MBIR0502211	Selenium	6010B	<4.8	mg/kg	05/02/21 10:00	05/04/21 15:10	--	1
MBIR0502211	Silver	6010B	<0.50	mg/kg	05/02/21 10:00	05/04/21 15:10	--	1
MBIR0502211	Thallium	6010B	<2.0	mg/kg	05/02/21 10:00	05/04/21 15:10	--	1
MBIR0502211	Vanadium	6010B	<0.50	mg/kg	05/02/21 10:00	05/04/21 15:10	--	1
MBIR0502211	Zinc	6010B	<5.0	mg/kg	05/02/21 10:00	05/04/21 15:10	--	1

**QA/QC Report**  
**for**  
**Extactable Fuel Hydrocarbons (EPA 8015B/8015M)**  
Reporting units: ppm

**Matrix Spike (MS) / Matrix Spike Duplicate (MSD)**

Date of Extraction: 5/4/2021 10:30

Date of Analysis: 5/11/2021 19:52

Dup Date of Analysis: 5/11/2021 20:13

Laboratory Sample #: 26116-007

MS/MSD Qualifiers: M1,

Reference #: HDR 26116

Analyte	R1	SPC CONC	MS	MSD	%MS	%MSD	RPD	ACP %MS	ACP RPD	Qual
EFH as Diesel	0.00	1000	1390	1380	139	138	1	49-130	24	<input checked="" type="checkbox"/>

**Surrogate Recoveries for Spike Samples**

Surrogate (%RC)	MS	MSD	Qual
Octacosane	103	109	<input type="checkbox"/>

LCS	LCSD	Qual
92	95	<input type="checkbox"/>

ACP % RC
20-181

**Laboratory Control Sample**

Date of Extraction: 5/3/2021 11:00

Date of Analysis: 5/11/2021 19:12

Dup Date of Analysis: 5/11/2021 19:32

Laboratory Sample #: AV0503212

LCS Qualifiers: None

Analyte	SPC CONC	LCS	LCSD	%LCS	%LCSD	RPD	ACP %LCS	ACP RPD	Qual
EFH as Diesel	1000	1160	1220	116	122	5	56-130	20	<input type="checkbox"/>

**QA/QC Report**  
**for**  
**Volatile Fuel Hydrocarbons (EPA 8015B)**  
Reporting units: ppm

**Matrix Spike (MS) / Matrix Spike Duplicate (MSD)**

Date of Extraction: 5/11/2021 10:25

Date of Analysis: 5/11/2021 12:08

Dup Date of Analysis: 5/11/2021 12:26

Laboratory Sample #: 26117-001

MS/MSD Qualifiers: None

Reference #: HDR 26116

Analyte	R1	SPC CONC	MS	MSD	%MS	%MSD	RPD	ACP %MS	ACP RPD	Qual
VFH as Gasoline	0.00	0.250	0.274	0.277	110	111	1	60-136	20	<input type="checkbox"/>

**Surrogate Recoveries for Spike Samples**

Surrogate (%RC)	MS	MSD	Qual
$\alpha$ - $\alpha$ - $\alpha$ -Trifluorotoluene	85	89	<input type="checkbox"/>

LCS	LCSD	Qual
90	87	<input type="checkbox"/>

ACP % RC
66-130

**Laboratory Control Sample**

Date of Extraction: 5/11/2021 10:25

Date of Analysis: 5/11/2021 11:30

Dup Date of Analysis: 5/11/2021 11:48

Laboratory Sample #: TS0511211

LCS Qualifiers: None

Analyte	SPC CONC	LCS	LCSD	%LCS	%LCSD	RPD	ACP %LCS	ACP RPD	Qual
VFH as Gasoline	0.250	0.279	0.262	112	105	6	60-132	20	<input type="checkbox"/>

**QA/QC Report**  
**for**  
**Polychlorinated Biphenyl's (EPA 8082)**  
Reporting units: ppb

**Matrix Spike (MS) / Matrix Spike Duplicate (MSD)**

Date of Extraction: 5/10/2021 10:30

Date of Analysis: 5/10/2021 15:24

Dup Date of Analysis: 5/10/2021 15:39

Laboratory Sample #: 26128-003

MS/MSD Qualifiers: None

Reference #: HDR 26116

Analyte	R1	SPC CONC	MS	MSD	%MS	%MSD	RPD	ACP %MS	ACP RPD	Qual
PCB-1016	0.00	150	130	104	87	69	22	34-130	34	<input type="checkbox"/>
PCB-1260	0.00	150	131	128	87	85	2	40-148	22	<input type="checkbox"/>

**Surrogate Recoveries for Spike Samples**

Surrogate (%RC)	MS	MSD	Qual
Decachlorobiphenyl	84	85	<input type="checkbox"/>

LCS	LCSD	Qual
89	86	<input type="checkbox"/>

ACP % RC
42-142

**Laboratory Control Sample**

Date of Extraction: 5/10/2021 10:30

Date of Analysis: 5/10/2021 13:22

Dup Date of Analysis: 5/10/2021 13:37

Laboratory Sample #: AT0510211

LCS Qualifiers: None

Analyte	SPC CONC	LCS	LCSD	%LCS	%LCSD	RPD	ACP %LCS	ACP RPD	Qual
PCB-1016	150	140	147	93	98	5	36-130	34	<input type="checkbox"/>
PCB-1260	150	140	133	93	89	5	57-131	20	<input type="checkbox"/>

**QA/QC Report**  
for  
**Volatile Organic Compounds (8260B)**  
Reporting Units: ppb

**Matrix Spike (MS) / Matrix Spike Duplicate (MSD)**

Date of Extraction: 5/6/2021 10:30

Date of Analysis: 5/6/2021 12:35

Dup Date of Analysis: 5/6/2021 12:55

Laboratory Sample #: 26114-004

MS/MSD Qualifiers: None

Reference #: HDR 26116

Analyte	R1	Spike Conc.	MS	MSD	%MS	%MSD	RPD	ACP %MS	ACP RPD	Qual
Benzene	0.00	10.0	8.90	8.75	89	88	2	70-133	20	--
Chlorobenzene	0.00	10.0	9.71	9.22	97	92	5	70-138	20	--
1,1-Dichloroethene	0.00	10.0	7.29	7.33	73	73	1	41-134	20	--
Toluene	0.00	10.0	8.32	7.97	83	80	4	63-134	20	--
Trichloroethene	0.00	10.0	9.55	9.24	96	92	3	70-134	20	--

**Surrogate Recoveries for Spike Samples**

Surrogate (%RC)	MS	MSD	Qual	LCS	LCSD	Qual	ACP % RC
Dibromofluoromethane	79	84	<input type="checkbox"/>	80	83	<input type="checkbox"/>	33-132
Toluene-d8	65	69	<input type="checkbox"/>	66	70	<input type="checkbox"/>	52-130
4-Bromofluorobenzene	58	65	<input type="checkbox"/>	63	69	<input type="checkbox"/>	30-130

**Laboratory Control Sample (LCS) / Laboratory Control Sample Duplicate (LCSD)**

Date of Extraction: 5/6/2021 9:26

Date of Analysis: 5/6/2021 11:54

Dup Date of Analysis: 5/6/2021 12:14

Laboratory Sample #: HT0506211

LCS/LCSD Qualifiers: None

Analyte	Spike Conc.	LCS	LCSD	%LCS	%LCSD	RPD	ACP %LCS	ACP RPD	Qual
Benzene	10.0	9.78	9.30	98	93	5	70-130	20	--
Chlorobenzene	10.0	10.6	10.2	106	102	4	70-135	20	--
1,1-Dichloroethene	10.0	7.83	7.51	78	75	4	44-133	20	--
Toluene	10.0	9.13	9.13	91	91	0	64-130	20	--
Trichloroethene	10.0	10.3	9.79	103	98	5	70-135	20	--

**QA/QC Report  
for  
Metals**

Reference #: HDR 26116

Reporting units: ppm

**Matrix Spike (MS) / Matrix Spike Duplicate (MSD)**

6010B/7471A

Laboratory Sample #: 26113-001

Date of Extraction: 05/02/21 10:00

Analyte	MS Date of Analysis	MSD Date of Analysis	R1	SPC CONC	MS	MSD	% MS	% MSD	RPD	ACP %MS	ACP RPD	Qualifiers
Antimony	05/04/21 15:28	05/04/21 15:31	0.00	20.0	7.32	6.55	37	33	11	75-125	20	M2,
Arsenic	05/04/21 15:28	05/04/21 15:31	0.00	20.0	25.7	24.8	129	124	4	75-125	20	M1,
Barium	05/04/21 15:28	05/04/21 15:31	60.0	20.0	90.5	108	153	240	18	75-125	20	M3,
Beryllium	05/04/21 15:28	05/04/21 15:31	0.00	20.0	27.2	26.4	136	132	3	75-125	20	M1,
Cadmium	05/04/21 15:28	05/04/21 15:31	0.00	20.0	21.4	20.9	107	104	2	75-125	20	--
Chromium	05/04/21 15:28	05/04/21 15:31	12.0	20.0	34.5	32.7	113	104	5	75-125	20	--
Cobalt	05/04/21 15:28	05/04/21 15:31	6.00	20.0	28.8	30.2	114	121	5	75-125	20	--
Copper	05/04/21 15:28	05/04/21 15:31	23.0	20.0	50.2	48.5	136	127	3	75-125	20	M3,
Lead	05/04/21 15:28	05/04/21 15:31	19.0	20.0	40.9	39.0	110	100	5	75-125	20	--
Molybdenum	05/04/21 15:28	05/04/21 15:31	0.00	20.0	22.6	21.7	113	109	4	75-125	20	--
Nickel	05/04/21 15:28	05/04/21 15:31	10.0	20.0	31.3	29.3	106	96	7	75-125	20	--
Selenium	05/04/21 15:28	05/04/21 15:31	0.00	20.0	19.8	19.3	99	96	3	75-125	20	--
Silver	05/04/21 15:28	05/04/21 15:31	0.00	20.0	25.9	26.9	129	134	4	75-125	20	M1,
Thallium	05/04/21 15:28	05/04/21 15:31	0.00	20.0	20.3	19.2	101	96	6	75-125	20	--
Vanadium	05/04/21 15:28	05/04/21 15:31	29.0	20.0	56.2	58.4	136	147	4	75-125	20	M3,
Zinc	05/04/21 15:28	05/04/21 15:31	72.0	20.0	91.8	79.0	99	35	15	75-125	20	M3,

**Laboratory Control Spike (LCS) / Laboratory Control Spike Duplicate (LCSD)**

6010B/7471A

Laboratory Sample #: IR0502211

Date of Extraction: 05/02/21 10:00

Analyte	LCS Date of Analysis	LCSD Date of Analysis		SPC CONC	LCS	LCSD	% LCS	% LCSD	RPD	ACP %LCS	ACP RPD	Qualifiers
Antimony	05/04/21 15:13	05/04/21 15:16	--	20.0	19.6	19.5	98	98	1	80-120	20	--
Arsenic	05/04/21 15:13	05/04/21 15:16	--	20.0	22.1	21.5	111	108	3	80-120	20	--
Barium	05/04/21 15:13	05/04/21 15:16	--	20.0	21.3	21.5	106	108	1	80-120	20	--
Beryllium	05/04/21 15:13	05/04/21 15:16	--	20.0	22.8	22.7	114	114	0	80-120	20	--
Cadmium	05/04/21 15:13	05/04/21 15:16	--	20.0	19.5	19.2	98	96	2	80-120	20	--
Chromium	05/04/21 15:13	05/04/21 15:16	--	20.0	19.1	19.3	96	96	1	80-120	20	--
Cobalt	05/04/21 15:13	05/04/21 15:16	--	20.0	22.9	22.5	114	113	2	80-120	20	--
Copper	05/04/21 15:13	05/04/21 15:16	--	20.0	23.4	23.7	117	119	1	80-120	20	--
Lead	05/04/21 15:13	05/04/21 15:16	--	20.0	21.8	21.9	109	109	0	80-120	20	--
Molybdenum	05/04/21 15:13	05/04/21 15:16	--	20.0	22.7	22.2	114	111	2	80-120	20	--
Nickel	05/04/21 15:13	05/04/21 15:16	--	20.0	20.2	20.0	101	100	1	80-120	20	--
Selenium	05/04/21 15:13	05/04/21 15:16	--	20.0	21.2	19.2	106	96	10	80-120	20	--
Silver	05/04/21 15:13	05/04/21 15:16	--	20.0	21.9	22.1	109	111	1	80-120	20	--
Thallium	05/04/21 15:13	05/04/21 15:16	--	20.0	18.4	18.4	92	92	0	80-120	20	--
Vanadium	05/04/21 15:13	05/04/21 15:16	--	20.0	21.4	21.7	107	109	1	80-120	20	--
Zinc	05/04/21 15:13	05/04/21 15:16	--	20.0	23.1	22.6	116	113	2	80-120	20	--

**Matrix Spike (MS) / Matrix Spike Duplicate (MSD)**

6010B/7471A

Laboratory Sample #: 26114-001

Date of Extraction: 05/07/21 11:12

Analyte	MS Date of Analysis	MSD Date of Analysis	R1	SPC CONC	MS	MSD	% MS	% MSD	RPD	ACP %MS	ACP RPD	Qualifiers
Mercury	05/07/21 14:53	05/07/21 14:55	0.00	1.00	1.17	1.14	117	114	3	80-120	20	--

**QA/QC Report  
for  
Metals**

Reference #: HDR 26116

Reporting units: ppm

**Laboratory Control Spike (LCS) / Laboratory Control Spike Duplicate (LCSD)**

**6010B/7471A**

Laboratory Sample #: SR0507211

Date of Extraction: 05/07/21 11:12

Analyte	LCS Date of Analysis	LCSD Date of Analysis		SPC CONC	LCS	LCSD	% LCS	% LCSD	RPD	ACP %LCS	ACP RPD	Qualifiers
Mercury	05/07/21 14:46	05/07/21 14:49	--	1.00	1.14	0.944	114	94	19	80-120	20	--

# Data Qualifier Definitions

## Qualifier

D1 = Sample required dilution due to matrix.

M1 = Matrix spike recovery was high, the associated blank spike recovery was acceptable.

26113-001	6010B	Arsenic	MS/MSD
26113-001	6010B	Beryllium	MS/MSD
26113-001	6010B	Silver	MS/MSD
26116-007	8015B	EFH	MS/MSD

M2 = Matrix spike recovery was low, the associated blank spike recovery was acceptable.

26113-001	6010B	Antimony	MS/MSD
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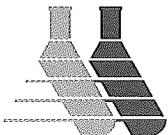
M3 = The spike recovery value is unusable since the analyte concentration in the sample is disproportionate to spike level. The associated blank spike recovery was acceptable.

26113-001	6010B	Barium	MS/MSD
26113-001	6010B	Copper	MS/MSD
26113-001	6010B	Vanadium	MS/MSD
26113-001	6010B	Zinc	MSD

## Definition of terms:

R1	Result of unspiked laboratory sample used for matrix spike determination.
SP CONC (or Spike Conc.)	Spike concentration added to sample or blank
MS	Matrix Spike sample result
MSD	Matrix Spike Duplicate sample result
%MS	Percent recovery of MS: $\{(MS-R1) / SP\ CONC\} \times 100$
%MSD	Percent recovery of MSD: $\{(MSD-R1) / SP\ CONC\} \times 100$
RPD (for MS/MSD)	Relative Percent Difference: $\{(MS-MSD) / (MS+MSD)\} \times 100 \times 2$
LCS	Laboratory Control Sample result
LCSD	Laboratory Control Sample Duplicate result
%LCS	Percent recovery of LCS: $\{(LCS) / SP\ CONC\} \times 100$
%LCSD	Percent recovery of LCSD: $\{(LCSD) / SP\ CONC\} \times 100$
RPD (for LCS/LCSD)	Relative Percent Difference: $\{(LCS-LCSD) / (LCS+LCSD)\} \times 100 \times 2$
ACP %LCS	Acceptable percent recovery range for Laboratory Control Samples.
ACP %MS	Acceptable percent recovery range for Matrix Spike samples
ACP RPD	Acceptable Relative Percent Difference
D	Detectable, result must be greater than zero
Qual	A checked box indicates a data qualifier was utilized and/or required for this analyte see attached explanation.
ND	Analyte Not Detected

# Analysis Request and Chain of Custody Record



**ORANGE COAST ANALYTICAL, INC.** [www.ocalab.com](http://www.ocalab.com)

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(714) 832-0064 Fax (714) 832-0067

4620 E. Elwood, Suite 4  
Phoenix, AZ 85040  
(480) 736-0960 Fax (480) 736-0970

Lab Job No: 26116  
Page 1 of 1

**REQUIRED TURN AROUND TIME:** Standard: X  
72 Hours: \_\_\_\_\_ 48 Hours: \_\_\_\_\_ 24 Hours: \_\_\_\_\_

CUSTOMER INFORMATION			PROJECT INFORMATION				ANALYSIS REQUEST / PRESERVATIVE PCBs 8082 TPH 914/10 8015 VOCs 8260 Metals 6010/7471										REMARKS/PRECAUTIONS					
COMPANY: <u>HDR</u>	PROJECT NAME: <u>Naomi Substation</u>																					
SEND REPORT TO: <u>Andrew Cherene</u>	NUMBER: <u>10257967</u>																					
EMAIL: <u>andrew.cherene@hdrinc.com</u>	ADDRESS:																					
ADDRESS: <u>100 Ocean Gate #1120 Long Beach CA 90814</u>	P.O. #:																					
PHONE: <u>562-264-1104</u> FAX:	SAMPLED BY: <u>A. Cherene</u>																					
SAMPLE ID	NO. OF CONTAINERS	SAMPLE DATE	SAMPLE TIME	SAMPLE MATRIX	CONTAINER TYPE																	
1 SS8 - 0.5 - 043021	5	4/30	1000	SS	5035	X	X	X	X													
2 SS7 - 0.5 - 043021	5	↓	1005	↓	↓	X	X	X	X													
3 SS6 - 0.5 - 043021	5		1010			X	X	X	X													
4 SS5 - 0.5 - 043021	5		1014			X	X	X	X													
5 SS4 - 0.5 - 043021	5		1018			X	X	X	X													
6 SS3 - 0.5 - 043021	5		1022			X	X	X	X													
7 SS2 - 0.5 - 043021	5		1025			X	X	X	X													
8 SS1 - 0.5 - 043021	5		1030			X	X	X	X													
9 CW C - 043021	1		1120			Wgr	G, Fe		X													
10 CW B - 043021	1		1115						X													
11 CW A - 043021	1		1110						X													

Total No. of Samples: 11 Method of Shipment: \_\_\_\_\_ Preservative: 1 = Ice 2 = HCl 3 = HNO<sub>3</sub> 4 = H<sub>2</sub>SO<sub>4</sub> 5 = NaOH 6 = Other

Relinquished By: <u>[Signature]</u> Date/Time: <u>4/30/21 1332</u>	Received By: _____ Date/Time: _____	Sample Matrix: GW - Groundwater      DW - Drinking Water WW - Wastewater        W - Water SW - Stormwater        SS - Soil/Solid OT - Other
Relinquished By: _____ Date/Time: _____	Received By: _____ Date/Time: _____	
Relinquished By: _____ Date/Time: _____	Received For Lab By: <u>[Signature]</u> Date/Time: <u>4-30-21 1332</u>	Sample Integrity: Intact: _____ On Ice: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No @ <u>14 ± 0 = 14, 20</u> <u>24 3</u> °C

By signing above, client acknowledges responsibility for payment of all services requested on this chain of custody form and any additional services provided in support of this project. Payment is due within 30 days of invoice date unless otherwise agreed upon in writing with Orange Coast Analytical, Inc. All samples remain the property of the client. A disposal fee may be imposed if client fails to follow disposal instructions.

# Sample Receipt Report

Laboratory Reference HDR 26116

Logged in by MM

Received: 04/30/21 13:32 Company Name: HDR Engineering, Inc.  
Method of Shipment: Hand Delivered Project Manager: Mr. Andrew Cherene  
Shipping Container: Cooler Project Name: Naomi Substation  
# Shipping Containers: 1 Project #: 10257467

Sample Quantity

8 Soil                      3 Wipe

Chain of Custody	Complete <input checked="" type="checkbox"/>	Incomplete <input type="checkbox"/>	None <input type="checkbox"/>
Samples On Ice	Yes, Wet <input checked="" type="checkbox"/>	Yes, Blue <input type="checkbox"/>	No <input type="checkbox"/>
Observed Temp. (°C): <u>14</u>	Thermometer ID: <u>IR#3</u>	Adjusted Temp.: <u>14+0=14</u>	
Shipping Intact	Yes <input checked="" type="checkbox"/>	N/A <input type="checkbox"/>	No <input type="checkbox"/>
Shipping Custody Seals Intact	Yes <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Samples Intact	Yes <input checked="" type="checkbox"/>		No <input type="checkbox"/>
Sample Custody Seals Intact	Yes <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Custody Seals Signed & Dated	Yes <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Proper Test Containers	Yes <input checked="" type="checkbox"/>		No <input type="checkbox"/>
Proper Test Preservations	Yes <input checked="" type="checkbox"/>		No <input type="checkbox"/>
Samples Within Hold Times	Yes <input checked="" type="checkbox"/>		No <input type="checkbox"/>
VOAs Have Zero Headspace	Yes <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Sample Labels	Complete <input checked="" type="checkbox"/>	Incomplete <input type="checkbox"/>	None <input type="checkbox"/>
Sample Information Matches COC	Yes <input checked="" type="checkbox"/>	N/A <input type="checkbox"/>	No <input type="checkbox"/>

Notes

Client Notified \_\_\_\_\_ By \_\_\_\_\_ On \_\_\_\_\_



**Orange Coast Analytical, Inc.**

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**LABORATORY REPORT FORM**

ORANGE COAST ANALYTICAL, INC.

3002 Dow Suite 532 Tustin, CA 92780

(714) 832-0064

Laboratory Certification (ELAP) No.:2576

Expiration Date: 2023

Los Angeles County Sanitation District Lab ID# 10206

Laboratory Director's Name:

Mark Noorani

Client: HDR Engineering, Inc.

Laboratory Reference: HDR 26116A

Project Name: Naomi Substation

Project Number: 10257467

Date Received: 5/20/2021

Date Reported: 6/7/2021

Chain of Custody Received:

Analytical Method: 6010B,

Mark Noorani, Laboratory Director

Mr. Andrew Cherene  
HDR Engineering, Inc.  
100 Oceangate 1120  
Long Beach, CA, 90802

Lab Reference #: HDR 26116A  
Project Name: Naomi Substation  
Project #: 10257467

### ***Case Narrative***

#### **Sample Receipt:**

All samples on the Chain of Custody were received by OCA at 14°C, on ice.

#### **Holding Times:**

All samples were analyzed within required holding times unless otherwise noted in the data qualifier section of the report.

#### **Analytical Methods:**

Sample analysis was performed following the analytical methods listed on the cover page.

#### **Data Qualifiers:**

Within this report, data qualifiers may have been assigned to clarify deviations in common laboratory procedures or any divergence from laboratory QA/QC criteria. If a data qualifier has been used, it will appear in the back of the report along with its description. All method QA/QC criteria have been met unless otherwise noted in the data qualifier section.

#### **Definition of Terms:**

The definitions of common terms and acronyms used in the report have been placed at the back of the report to assist data users.

#### **Comments:**

None

Mr. Andrew Cherene  
HDR Engineering, Inc.  
100 Oceangate 1120  
Long Beach, CA, 90802

Lab Reference #: HDR 26116A  
Project Name: Naomi Substation  
Project #: 10257467

***Client Sample Summary***

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Matrix
SS6-0.5-043021	26116-003	5/20/2021	4/30/2021	Soil
SS5-0.5-043021	26116-004	5/20/2021	4/30/2021	Soil

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 Long Beach, CA, 90802

Lab Reference #: HDR 26116A  
 Project Name: Naomi Substation  
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**Metals**

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Matrix				
SS6-0.5-043021	26116-003	5/20/2021 13:32	4/30/2021 10:10	Soil				
<u>ANALYTE</u>	<u>EPA Method</u>	<u>Result</u>	<u>Units</u>	<u>Date Extracted</u>	<u>Date Analyzed</u>	<u>Qual</u>	<u>DF</u>	
STLC Cadmium	6010B	0.26	mg/L	06/03/21 17:00	06/04/21 12:56	--	1	
SS5-0.5-043021	26116-004	5/20/2021 13:32	4/30/2021 10:14	Soil				
<u>ANALYTE</u>	<u>EPA Method</u>	<u>Result</u>	<u>Units</u>	<u>Date Extracted</u>	<u>Date Analyzed</u>	<u>Qual</u>	<u>DF</u>	
STLC Copper	6010B	34	mg/L	06/03/21 17:00	06/04/21 12:58	--	1	
STLC Lead	6010B	0.75	mg/L	06/03/21 17:00	06/04/21 12:58	--	1	
Method Blank				Soil				
<u>MB ID</u>	<u>ANALYTE</u>	<u>EPA Method</u>	<u>Result</u>	<u>Units</u>	<u>Date Extracted</u>	<u>Date Analyzed</u>	<u>Qual</u>	<u>DF</u>
MBIR0603214	STLC Cadmium	6010B	<0.050	mg/L	06/03/21 17:00	06/04/21 12:14	--	1
MBIR0603214	STLC Copper	6010B	<0.50	mg/L	06/03/21 17:00	06/04/21 12:14	--	1
MBIR0603214	STLC Lead	6010B	<0.20	mg/L	06/03/21 17:00	06/04/21 12:14	--	1

**QA/QC Report  
for  
Metals**

Reference #: HDR 26116A

Reporting units: ppm

**Matrix Spike (MS) / Matrix Spike Duplicate (MSD)**

**STLC CCR**

Laboratory Sample #: 26099-001

Date of Extraction: 06/03/21 17:00

Analyte	MS Date of Analysis	MSD Date of Analysis	R1	SPC CONC	MS	MSD	% MS	% MSD	RPD	ACP %MS	ACP RPD	Qualifiers
STLC Cadmium	06/04/21 12:22	06/04/21 12:25	0.00	1.00	0.967	0.961	97	96	1	75-125	20	--
STLC Copper	06/04/21 12:22	06/04/21 12:25	0.00	1.00	1.29	1.29	129	129	0	75-125	20	M1,
STLC Lead	06/04/21 12:22	06/04/21 12:25	0.340	1.00	1.23	1.24	89	90	1	75-125	20	--

**Laboratory Control Spike (LCS) / Laboratory Control Spike Duplicate (LCSD)**

**STLC CCR**

Laboratory Sample #: IR0603214

Date of Extraction: 06/03/21 17:00

Analyte	LCS Date of Analysis	LCSD Date of Analysis		SPC CONC	LCS	LCSD	% LCS	% LCSD	RPD	ACP %LCS	ACP RPD	Qualifiers
STLC Cadmium	06/04/21 12:14	06/04/21 12:17	--	1.00	0.961	0.936	96	94	3	80-120	20	--
STLC Copper	06/04/21 12:14	06/04/21 12:17	--	1.00	1.08	1.07	108	107	1	80-120	20	--
STLC Lead	06/04/21 12:14	06/04/21 12:17	--	1.00	0.947	0.935	95	94	1	80-120	20	--

# Data Qualifier Definitions

## Qualifier

M1 = Matrix spike recovery was high, the associated blank spike recovery was acceptable.

26099-001      STLC CCR      STLC Copper      MS/MSD

## Definition of terms:

R1	Result of unspiked laboratory sample used for matrix spike determination.
SP CONC (or Spike Conc.)	Spike concentration added to sample or blank
MS	Matrix Spike sample result
MSD	Matrix Spike Duplicate sample result
%MS	Percent recovery of MS: $\{(MS-R1) / SP\ CONC\} \times 100$
%MSD	Percent recovery of MSD: $\{(MSD-R1) / SP\ CONC\} \times 100$
RPD (for MS/MSD)	Relative Percent Difference: $\{(MS-MSD) / (MS+MSD)\} \times 100 \times 2$
LCS	Laboratory Control Sample result
LCSD	Laboratory Control Sample Duplicate result
%LCS	Percent recovery of LCS: $\{(LCS) / SP\ CONC\} \times 100$
%LCSD	Percent recovery of LCSD: $\{(LCSD) / SP\ CONC\} \times 100$
RPD (for LCS/LCSD)	Relative Percent Difference: $\{(LCS-LCSD) / (LCS+LCSD)\} \times 100 \times 2$
ACP %LCS	Acceptable percent recovery range for Laboratory Control Samples.
ACP %MS	Acceptable percent recovery range for Matrix Spike samples
ACP RPD	Acceptable Relative Percent Difference
D	Detectable, result must be greater than zero
Qual	A checked box indicates a data qualifier was utilized and/or required for this analyte see attached explanation.
ND	Analyte Not Detected



# Sample Receipt Report

Laboratory Reference: HDR 26116

Logged in by MM

Received: 04/30/21 13:32 Company Name: HDR Engineering, Inc.  
 Method of Shipment: Hand Delivered Project Manager: Mr. Andrew Cherene  
 Shipping Container: Cooler Project Name: Naomi Substation  
 # Shipping Containers: 1 Project #: 10257467

**Sample Quantity**

8 Soil                      3 Wipe

Chain of Custody	Complete <input checked="" type="checkbox"/>	Incomplete <input type="checkbox"/>	None <input type="checkbox"/>
Samples On Ice	Yes, Wet <input checked="" type="checkbox"/>	Yes, Blue <input type="checkbox"/>	No <input type="checkbox"/>
Observed Temp. (°C): <u>14</u>	Thermometer ID: <u>IR#3</u>	Adjusted Temp.: <u>14+0=14</u>	
Shipping Intact	Yes <input checked="" type="checkbox"/>	N/A <input type="checkbox"/>	No <input type="checkbox"/>
Shipping Custody Seals Intact	Yes <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Samples Intact	Yes <input checked="" type="checkbox"/>		No <input type="checkbox"/>
Sample Custody Seals Intact	Yes <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Custody Seals Signed & Dated	Yes <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Proper Test Containers	Yes <input checked="" type="checkbox"/>		No <input type="checkbox"/>
Proper Test Preservations	Yes <input checked="" type="checkbox"/>		No <input type="checkbox"/>
Samples Within Hold Times	Yes <input checked="" type="checkbox"/>		No <input type="checkbox"/>
VOAs Have Zero Headspace	Yes <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Sample Labels	Complete <input checked="" type="checkbox"/>	Incomplete <input type="checkbox"/>	None <input type="checkbox"/>
Sample Information Matches COC	Yes <input checked="" type="checkbox"/>	N/A <input type="checkbox"/>	No <input type="checkbox"/>

**Notes**

Client Notified \_\_\_\_\_ By \_\_\_\_\_ On \_\_\_\_\_