CITY OF EL SEGUNDO
1521 EAST GRAND AVENUE
RESIDENTIAL PROJECT

INITIAL STUDY

February 2025

City of El Segundo Community Development Department
350 Main Street
El Segundo, CA 90245

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Initial Study

Project Details

1. **Project Title:** 1521 East Grand Avenue Residential Project (Grand Kansas North EA-1353)

2. **Lead Agency Name and Address:** City of El Segundo
350 Main Street
El Segundo, CA 90245

3. **Contact Person and Phone Number:** Eduardo Schonborn, AICP
310-524-2312

4. **Project Location:** 1521 E. Grand Avenue
El Segundo, CA 90245

5. **Project Sponsor's Name and Address:** Griffin Capital Catalyst Development Fund, LLC

6. **General Plan Designation(s):** Smoky Hollow Mixed-Use

7. **Zoning:** Smoky Hollow East (SH-E)

8. **Description of Project:** (Describe the whole action involved, including but not limited to later phases of the project, and any secondary, support, or off-site features necessary for its implementation. Attach additional sheets if necessary.)

See detailed Project Description below.

9. **Surrounding Land Uses and Setting.** (Briefly describe the project's surroundings.)

The Property is bound by Holly Avenue on the north, Kansas Street on the west, Grand Avenue on the south, and Washington Street (a private street) to the east. To the north of the Property, immediately across Holly Avenue, is a single-family residential neighborhood consisting of one- to two-story homes. Holly Kansas Park, a small park with a playground, is located to the northwest of the Property across Holly Avenue, and Freedom Park, a linear park with walking trails, is located to the northeast of the Property across Holly Avenue. To the east of the Property, immediately across Washington Street is commercial development, which includes automotive repair, scooter and motorbike sales, and other similar uses. To the south of the Property, immediately across Grand Avenue, is a commercial complex. To the west of the Property, across Kansas Street are multifamily residential complexes.

10. Other public agencies whose approval is required (e.g., permits, financing approval, or participation agreement.)

- Certification of an Environmental Impact Report
- Approval of a General Plan Amendment to change the land use designation from Smoky Hollow Mixed Use to 1521 East Grand Avenue Residential Specific Plan to allow for residential development
- Approval of an amendment to the Smoky Hollow Specific Plan to remove the property from the Smoky Hollow Specific Plan Area
- Adoption of the new 1521 East Grand Avenue Residential Specific Plan to establish permitted uses and development standards for the project site
- Zoning Map Amendment to update the zoning map for the property from Smoky Hollow Specific Plan to 1521 East Grand Avenue Residential Specific Plan
- Zoning Text Amendment to codify the new Specific Plan
- Site Plan Review
- Development Agreement
- Tract Map to combine parcels into (i) one lot for the Project and (ii) one lot for Washington Street
- Street vacation process to vacate 25-feet of Washington Street and terminate irrevocable offer on the rest of the street
- Issuance of various ministerial permits (e.g., grading, demolition, building, etc.) by the City of El Segundo
- Other permits and approvals as deemed necessary, including from the Department of Toxic Substances Control ("DTSC") and National Pollutant Discharge Elimination System ("NPDES")

11. Have California Native American tribes traditionally and culturally affiliated with the project area requested consultation pursuant to Public Resources Code section 21080.3.1? If so, is there a plan for consultation that includes, for example, the determination of significance of impacts to tribal cultural resources, procedures regarding confidentiality, etc.?

Note: Conducting consultation early in the CEQA process allows tribal governments, lead agencies, and project proponents to discuss the level of environmental review, identify and address potential adverse impacts to tribal cultural resources, and reduce the potential for delay and conflict in the environmental review process. (See Public Resources Code section 21080.3.2.) Information may also be available from the California Native American Heritage Commission's Sacred Lands File per Public Resources Code section 5097.96 and the California Historical Resources Information System administered by the California Office of Historic Preservation. Please also note that Public Resources Code section 21082.3(c) contains provisions specific to confidentiality.

In accordance with Senate Bill 18 (SB 18) and California Assembly Bill 52 (AB 52) requirements, the City initiated Tribal consultation on December 19, 2024, the results of which will be summarized in the Draft EIR.

Project Description

Introduction

The Project applicant, Griffin Capital Catalyst Development Fund LLC, proposes to develop a residential project consisting of 323 multifamily residential units on an approximately 3.617-acre (157,557-square-foot (sf)) site (Project site) located at 1521 E. Grand Avenue within the Smoky Hollow neighborhood of the City of El Segundo (City). The 1521 East Grand Avenue Residential Project[1] (Project) would provide supportive amenity and recreation areas, including public and private open space. The residential units would be in a single building ranging from three to six levels across seven distinct stories given the 26.88' grade change across the sloped Project Site. The building height measures 59'-6" per the El Segundo Municipal Code with an apparent height of 36'-9" to 46'-11" from Holly Street and 36'-3" to 59'-7" from Kansas Street and will total approximately 343,505 sf of gross floor area. Parking would be provided in a 6-level parking structure (approximately one level below grade and 6 levels above grade) measuring approximately 59'-7" feet in height and totaling approximately 163,797 sf of gross area located at the southeast corner of the property. The Project would include two outdoor courtyards, three roof decks, approximately 9,076 sf of indoor amenity and recreation areas, and private balconies and patios for most units.

Project Location and Surrounding Uses

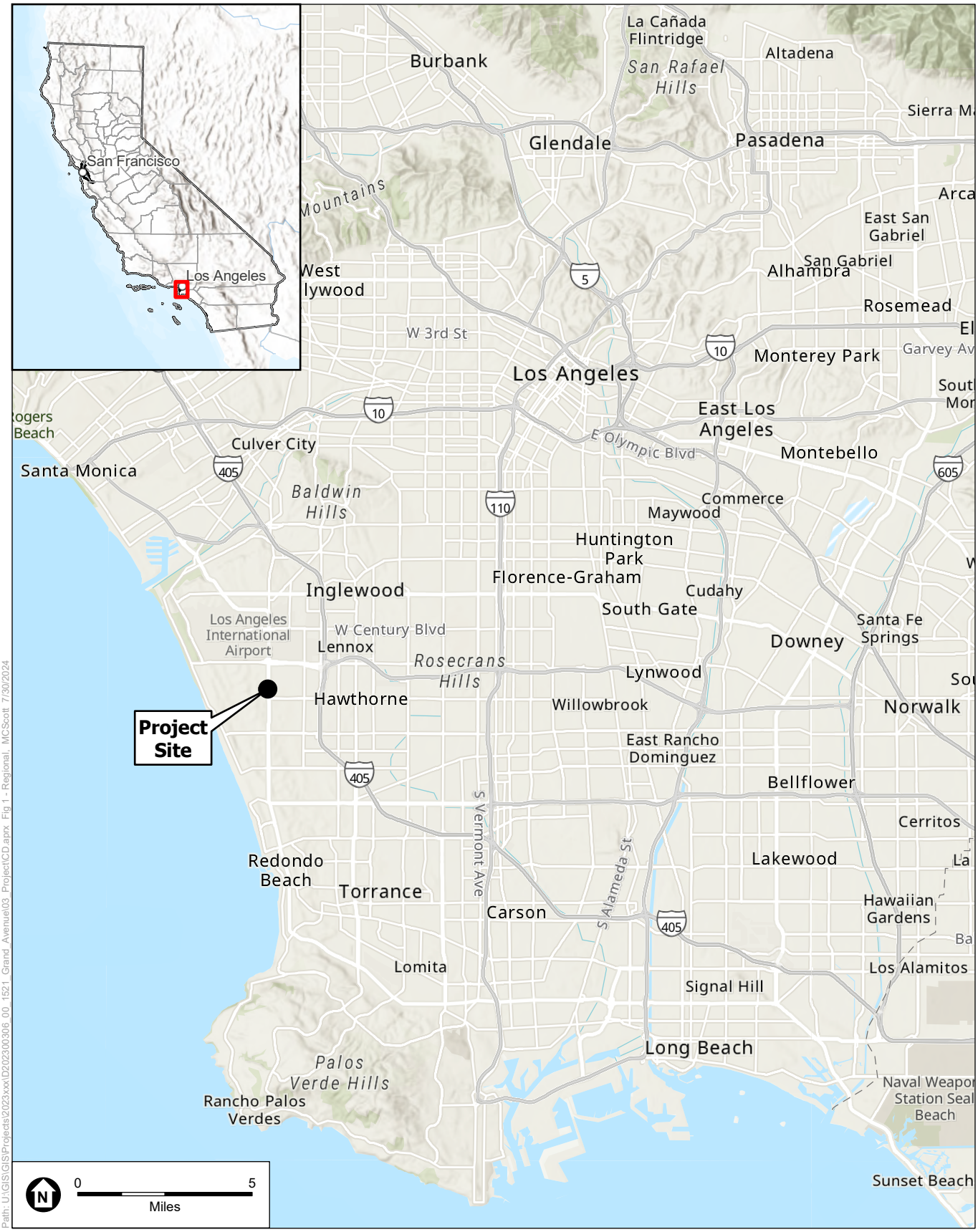
The Project site is located in an urbanized area in the northwestern quadrant of the City within the Smoky Hollow Specific Plan Area. The Site is comprised of six contiguous parcels bound by Holly Avenue to the north, Kansas Street to the west, Grand Avenue to the south, and Washington Street (a private street) to the east in the city. The Project site is approximately 1.8 miles east of the Pacific Ocean and approximately 11 miles southwest of downtown Los Angeles. The regional location and vicinity of the Project site are shown in **Figure 1**, Regional Map, and **Figure 2**, Aerial of the Site and Vicinity.

Surrounding land uses include a single-family residential neighborhood consisting of one- to two-story homes to the north of the Project site, immediately across Holly Avenue. Holly Kansas Park, a small park with a playground, is located to the northwest of the site across Holly Avenue. Freedom Park, a linear park with walking trails, is located to the northeast of the Property site across Holly Avenue. To the east of the site, immediately across Washington Street is commercial development, which includes automotive repair, scooter and motorbike sales, and other similar uses. To the south of the site, immediately across Grand Avenue, is a commercial complex. To the west of the site, across Kansas Street are multifamily residential complexes.

Existing Project Site Conditions and Background

The Project site is generally vacant and fenced, with foundations and asphalt. The site is relatively flat with some intermittent sloping in the north–south directions. Ground surface elevations range from approximately 123 feet above mean sea level (AMSL) at the middle of the east property line to about 115 feet AMSL at the northeast and southeast corners of the site. Along the west property line, elevations range from approximately 119 feet AMSL at the southwest corner to about 102 feet MSL close to the northwest corner of the site.

[1] The 1521 East Grand Avenue Residential Project is also referred to as the Grand Kansas North Project and is application number EA-1353.



Path: U:\GIS\GIS\Projects\2023xxx\D202300306_00_1521_Grand_Avenue\03_Project\CD.aprx Fig 1 - Regional, MCScott 7/30/2024

SOURCE: ESA, 2024

1521 Grand Avenue Residential Project

Figure 1
Regional Map

ESA



SOURCE: ESA, 2024

1521 East Grand Avenue Residential Project

Figure 2
Aerial of the Site and Vicinity

ESA

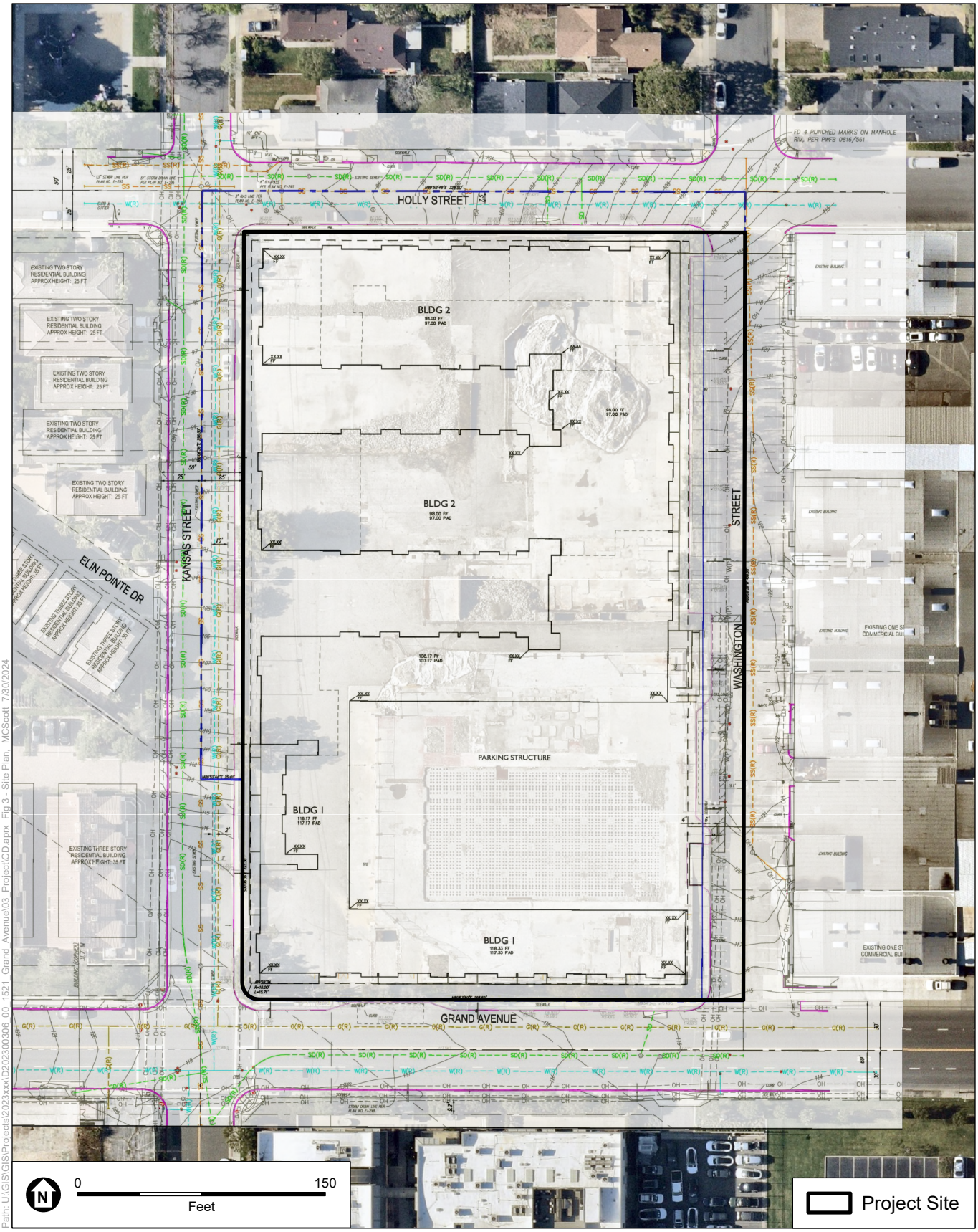
The Project site was previously developed with (i) a two-story, approximately 48,656 sf industrial building formerly used as a semiconductor manufacturing facility, located at 1521 East Grand Avenue; (ii) a three-story, approximately 29,754 sf industrial building formerly used for storage with an associated wastewater treatment structure, located at 330 Kansas Street; (iii) a single-story, approximately 17,920 sf industrial building formerly used as an electrical laboratory, located at 348 Kansas Street; and (iv) a 25,000 sf surface parking lot. On June 12, 2023, the City issued an order declaring the existing buildings a public nuisance pursuant to El Segundo Municipal Code ("ESMC") Section 7-1-4, subdivisions (C), (D), (I), (K), (L), (M)(2), and (M)(15). The City's order directed the applicant to install perimeter fencing and demolish the existing structures. Three permits were issued (B0358-23, B0359-23 and B0360-23) on July 21, 2023. Demolition of these above-grade structures was completed in October 2023. Building slabs, asphalt and hardscape were undisturbed and remain on site. A number of trees and shrubs are scattered along the Property's interior, and western and north-eastern perimeters.

In August 2022, the owner of the Property entered into a Voluntary Cleanup Agreement with the Department of Toxic Substances Control ("DTSC") to further investigate the property with respect to known, threatened or potential releases of hazardous substances associated with historic operations impacting or migrating from the property, and to remediate those impacts under the oversight of DTSC to allow for the proposed Project. It is anticipated that DTSC will be a Responsible Agency pursuant to CEQA.

Description of Proposed Project

The Project Applicant proposes to develop the Project site with 323 multifamily residential units, supportive amenity and recreation areas, public and private open space. The apartment units would include a mix of studio, one-bedroom, two-bedroom and three-bedroom units. The residential units would be in a single building ranging from three to six levels across seven distinct stories given the 26.88-foot grade change across the sloped Project site. The building would be approximately 59'-6" feet in height per the El Segundo Municipal Code (excluding parapet). However, the apparent height would be 36'-9" to 46'-11" from Holly Street and 36'-3" to 59'-7" from Kansas Street. The building would total approximately 343,505 sf of gross floor area. The Project would provide private balconies and patios for most of the units.

As shown on **Figure 3**, Proposed Site Plan, the Project would be set back 9 feet from Washington Street, 10 feet from Kansas Street, and 10 feet from Grand Avenue. The building would be up to 55 feet along the public right-of-way and up to 60 feet toward the interior of the site. The Project would be one connected building with two courtyards, one containing seating, barbeques/barbeque counters, and a flexible-use lawn area; with the other courtyard containing a pool, spa, sundeck, and lounge seating area. Although the building would range from three to six levels, the building structure would be stepped-back, giving an appearance that the building ranges from three stories at the corner of Kansas Street and Holly Street to five stories along Grand Avenue and Washington Street to reduce overall massing. Parking would be provided in a six-level parking structure that would be partially wrapped by the residential units, which would screen the parking from view from the surrounding streets. As shown in **Figure 4**, North and East Elevation Drawings, and **Figure 5**, South and West Elevation Drawings, primary facade material would be white plaster with colored fiber cement accents. Balcony railings would be painted steel, and windows would be vinyl in taupe and dark bronze.



Path: U:\GIS\GIS\Projects\2023xxx\D202300306_00_1521_Grand_Avenue\03_Project\CD.aprx Fig 3 - Site Plan, MCScott 7/30/2024

SOURCE: ESA, 2024

1521 East Grand Avenue Residential Project

Figure 3
Proposed Site Plan

ESA



North Elevation



East Elevation

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SOURCE: KFA, 2024

1521 East Grand Avenue Residential Project

Figure 4
North and East Elevation Drawings

ESA



South Elevation



West Elevation

D202300306.00 - 1521 Grand Avenue General Plan Amendment\05 Graphics-GIS-Modeling-USE AZURE

SOURCE: KFA, 2024

1521 East Grand Avenue Residential Project

Figure 5
South and West Elevation Drawings

ESA

Open Space

The Project would include two outdoor courtyards that would open to Kansas Street. In addition, there would be three roof decks on the second and fourth floor of the building that would provide common open space. The Project would include approximately 9,076 sf of indoor amenity and recreation areas.

Landscaping

The ESMC Section 9-3-6 requires an application be submitted for a tree permit for anyone seeking to remove or maintain a tree from a public street. In addition, the permit generally requires a tree to be planted of the same kind and size specified in the permit, for each tree removed. The Project site currently has 39 trees, none of which are protected and all of which would be replaced with trees of comparable size and quality onsite and along Grand Avenue, Kansas Street, Holly Street, and Washington Street. In addition, landscaping would include two private courtyards including trees, shrubs, planters, and hardscaped surfaces.

Circulation and Parking

Vehicular access, including ingress and egress, to the Project site would be provided via Grand Avenue and Washington Street. The driveways would provide direct entrance to the parking structure located on Washington Street. Access for emergency vehicles, refuse trucks, and delivery trucks would be maintained on Washington Street.

The primary pedestrian entrance and leasing office would be located off Kansas Street. A secondary pedestrian entrance and mail room would be located along Grand Avenue, adjacent to a pull-out for USPS mail trucks and other day-to-day delivery vehicles.

The Project would provide 490 onsite parking spaces within an approximately 163,797 sf (gross area), 6-level parking structure located at the southeast corner of the Project site. A portion of the first level would be below grade and 6 levels would be above grade. The parking structure would be approximately 59'-7" feet in height. The parking structure would be partially screened since the residential building would wrap around the parking area. The Project would provide 132 long-term bicycle parking spaces within an interior bicycle parking area of the building, near the intersection of Holly Street and Washington Street.

Lighting, Signage, and Security

Lighting signage, and security would comply with El Segundo Municipal Code.

Planning Actions

The Project site is designated Smoky Hollow Mixed Use in the City's General Plan and is zoned Smoky Hollow East (SH-E). The SH-E zoning district and General Plan land use designation allows incubator industrial, research, and technology uses; medium-sized light industrial and manufacturing uses; and creative office activities. The Smoky Hollow Specific Plan also permits public facilities, parking facilities, and limited restaurant and retail uses.

Since the Specific Plan land use designations and zoning do not allow for multifamily residential uses, the Applicant is requesting a General Plan Amendment, as well as a Specific Plan Amendment to remove the Property from the Smoky Hollow Specific Plan Area to allow for the proposed development. Additionally, the Project includes a new Specific Plan, which would provide site-specific development standards, including the proposed height, density, and parking standards. The Applicant is also requesting a zoning map amendment and zoning text amendment to modify the SH-E zoning to a designation that would allow the proposed Project, as described in Necessary Approvals below.

The Project approvals will include a tentative tract map (TTM) to combine existing lots into (i) one lot for the Project, and (ii) one lot for Washington Street. Washington Street between Grand Avenue and Holly Street is a privately owned street, with the western half owned by the Applicant and the eastern half owned by a separate landowner. The southeastern 25-feet of Washington Street within Lots 286 and 287 is public right-of-way and there exists an irrevocable offer to dedicate the western 25-feet of Washington Street. The public right-of-way will be vacated and the irrevocable offer will be terminated through the same street vacation process. Following TTM and street vacation process, the entire block of Washington Street will be owned by the separate landowner with a permanent easement granted to the Applicant for access to the Project.

Construction Schedule and Activities

Project construction is anticipated to commence in 2026 and would occur over approximately 28 months. Project activities would include site preparation, demolition of foundations, and grading, building construction, and paving. The Project would require excavation to accommodate the one level of below grade parking. It is estimated that approximately 45,000 cubic yards of soil export would be required, along with what is necessary to implement the Removal Action Work Plan to be approved by the DTSC. No fill/import of soil is anticipated. Construction staging and worker parking would be located within the Project site. No offsite staging is anticipated to be required.

Construction activities would comply with El Segundo Municipal Code and would occur Monday through Saturday between 7:00 a.m. and 6:00 p.m. Street closures are not anticipated to be required for any portion of the construction process. However, if needed, detours for vehicles, bicycles, equestrians, and pedestrians would be provided.

Necessary Approvals

It is anticipated that approval required for the proposed Project would include, but may not be limited to, the following:

- Certification of an Environmental Impact Report
- Approval of a General Plan Amendment to change the land use designation from Smoky Hollow Mixed Use to Grand Avenue Specific Plan to allow for residential development.
- Approval of an amendment to the Smoky Hollow Specific Plan to remove the property from the Smoky Hollow Specific Plan Area
- Adoption of the new Grand Avenue Specific Plan
- Zoning Map Amendment to update the zoning map for the property from Smoky Hollow Specific Plan to Grand Avenue Specific Plan
- Zoning Text Amendment to codify the new Specific Plan
- Site Plan Review
- Development Agreement
- Tract Map to combine parcels into (i) one lot for the Project, and (ii) one lot for Washington Street
- Street vacation process for Washington Street
- Issuance of various ministerial permits (e.g., grading, demolition, building, etc.) by the City of El Segundo
- Other permits and approvals as deemed necessary, including from DTSC

Environmental Factors Potentially Affected

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

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

DETERMINATION: (To be completed by the Lead Agency)

On the basis of this initial study:

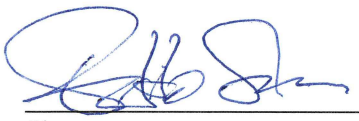
☐ I find that the proposed project COULD NOT have a significant effect on the environment, and a NEGATIVE DECLARATION will be prepared.

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

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

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

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



Signature

2.4.2025

Date

Eduardo Schonborn, AICP

Printed Name

Planning Manager

Title

Environmental Checklist

Aesthetics

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

Discussion

a) **Less Than Significant Impact.** Scenic vistas and other important visual resources are typically associated with natural landforms such as mountains, foothills, ridgelines, and coastlines. No officially designated scenic vistas are noted in the General Plan. The Project site is located in a developed area of the City and is surrounded by existing developed and urbanized uses, including industrial and residential uses. The Pacific Ocean is approximately 1.9 miles to the west of the site across relatively flat topography with intervening development. Due to the distance and development between the coastline and the Project site, the Project would not be visible from this open space resource, therefore, impacts associated with scenic vistas would be less than significant.

b) **No Impact**. The Project site is located in an urbanized area and was previously developed with industrial buildings and associated surface parking. There are no officially designated scenic highways within the city. According to the California Department of Transportation (Caltrans), the nearest eligible state scenic highway is the segment of State Route 1 (Pacific Coast Highway) located north of Venica Boulevard approximately 6 miles northwest of the Project site in the community of Venice.[2] Due to the intervening urban environment and natural topography located between the Project site and this eligible state scenic highway, development of the Project would occur outside of the viewshed of this, and any other, designated scenic highway. Therefore, no impacts associated with state scenic highways would occur.

c) **Potentially Significant Impact**. The Project consists of the development of a 7-story residential building. The Project site is currently within the Smoky Hollow Specific Plan area. However, the Project proposes a Specific Plan, which would establish development standards for the site, including the proposed

[2] California Department of Transportation. 2019. California State Scenic Highway System Map. Accessed April 18, 2024. https://caltrans.maps.arcgis.com/apps/webappviewer/index.html?id=465dfd3d807c46cc8e8057116f1aacaa.

height of the structure. The Project site is located in an urbanized area and, as such, the evaluation will focus on whether the Project conflicts with zoning or regulations that govern scenic quality. As discussed in the Project Description, surrounding land uses include a single-family residential neighborhood consisting of one- to two-story homes to the north, a commercial development to the east, a commercial complex to the south, and multifamily residential complexes to the west. The Project has the potential to change the overall scale and mass of development within the site vicinity and analysis is needed to determine the significance of these changes to the visual character of the site and the surrounding area. The Project may result in significant impacts to the scenic quality of the area. Therefore, the Project impacts related to visual character and scenic quality will be evaluated in the Draft EIR.

d) **Potentially Significant Impact**. The Project site is located within an urbanized area, characterized by moderate ambient nighttime lighting levels due to the developed nature of the area. As indicated above, a single-family residential neighborhood consisting of one- to two-story homes is located to the north of the Site and multifamily complexes are located to the west, with commercial development to the east and south. Existing light sources include streetlights on the streets surrounding the Project site as well as security lighting at adjacent buildings. Automobile headlights, streetlights and stoplights for visibility and safety purposes along the adjacent streets contribute to overall ambient lighting levels as well.

Future artificial light sources from the on-site uses include interior and exterior lighting for security, parking, architectural highlighting, incidental landscape lighting, and illuminated signage. Building materials including windows and other reflective surfaces could increase the potential for glare to the surrounding uses as well as on planes landing at LAX. Development of the Project would increase development intensity and height compared to existing uses and would introduce new potential sources of light and glare that could adversely affect daytime or nighttime views in the area. Therefore, Project impacts related to light and glare could potentially be significant and will be further evaluated in the Draft EIR. In addition, the EIR analysis will evaluate the Project's potential to create new shade/shadows at off-site uses.

Agriculture and Forestry Resources

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

Discussion

a) **No Impact.** The Project site is located in an urbanized area and was previously developed with industrial buildings and associated surface parking. The Project site is not used for agricultural purposes. According to the California Department of Conservation Important Farmland Finder, the Project site is identified as "Urban and Built-Up Land."[3] The Project site does not contain Prime Farmland, Unique Farmland, or Farmland of Statewide Importance.[4] The Project would not occur within any farmland locations and would not result in the conversion of Prime or Unique Farmland or Farmland of Statewide Importance. Therefore, no impacts would occur, and no further analysis is necessary.

b) **No Impact.** The Project site is zoned SH-E, which allows incubator industrial, research, and technology uses; medium-sized light industrial and manufacturing uses; and creative office activities. The SHSP EIR determined that the SHSP area does not contain important farmland and would not have impacts to agricultural land or Williamson Act contracts. The Project site currently consists of developed land and is not used for agricultural purposes. According to the California Williamson Act Enrollment

[3] California Department of Conservation (CDOC). 2022a. Important Farmland Finder. Accessed March 29, 2024. https://maps.conservation.ca.gov/DLRP/CIFF/

[4] Smoky Hollow Specific Plan Update Draft EIR. March 2018. Section 5 Agriculture and Forestry Resources.

Finder, the Project site is not enrolled in a Williamson Act contract.[5] In addition, the Project site and surrounding area are not zoned for agricultural uses. As such, implementation of the Project would not conflict with existing zoning for agriculture use or land under a Williamson Act contract. Therefore, no impacts would occur, and no further analysis is necessary.

c) **No Impact.** As defined by the Public Resources Code Section 12220(g),[6] forestland is land that can support 10 percent native tree cover of any species under natural conditions and that allows for management of one or more forest resources. A Timberland Production Zone is defined by the Government Code Section 51104(g)[7] as an area that is zoned for the sole purpose of growing and harvesting timber. No private timberlands, timberland production zones, or public lands with forests are located in the City.

As discussed in Response II. b., the Project site was previously developed with industrial uses and is now vacant. The Project site is zoned SH-E and has a General Plan land use designation of Smoky Hollow Mixed Use which allows incubator industrial, research, and technology uses; medium-sized light industrial and manufacturing uses; and creative office activities. The Project Site is not used for timberland production, not zoned as forest land or timberland, and does not contain forest land or timberland. There are no areas zoned for forest land within the vicinity of the Project site. Therefore, no impacts associated with forest land would occur, and no further analysis is necessary.

d) **No Impact.** As previously discussed, the Project Site is not defined as having forestland as defined in Public Resources Code Section 12220(g), and no private timberlands or public lands with forests are located in the city. The Project site is located in an urban area and is not located on or adjacent to forestland. Therefore, no impacts would occur, and no further analysis is necessary.

e) **No Impact.** The Project site is not located on or adjacent to any parcels identified as Important Farmland or forestland[8]. In addition, the Project would not involve changes to the existing environment that would result in the indirect conversion of Important Farmland or forestland located away from the Project site. Therefore, no impacts would occur, and no further analysis is necessary.

5 CDOC. 2024. California Williamson Act Enrollment Finder. Accessed March 29, 2024. https://maps.conservation.ca.gov/dlrp/WilliamsonAct/App/index.html

6 Public Resources Code (PRC), sec. 12220(g).

7 PRC, sec. 51104(g).

8 CDOC (California Department of Conservation). 2022a. Important Farmland Finder. Accessed March 29, 2024. https://maps.conservation.ca.gov/DLRP/CIFF/

Air Quality

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

Discussion

a) **Potentially Significant Impact**. The Project site is located within the 6,600-square-mile South Coast Air Basin (Basin). The South Coast Air Quality Management District (SCAQMD) together with the Southern California Association of Governments (SCAG) is responsible for formulating and implementing air pollution control strategies throughout the Basin. The 2022 Air Quality Management Plan (AQMP) was adopted on December 2, 2022 by SCAQMD and SCAG, of which outlines the air pollutions control measures needed to meet Federal particulate matter (PM2.5) and Ozone (O3) standards. The AQMP also proposes policies and measures currently contemplated by responsible agencies to achieve Federal standards for healthful air quality in the Basin that are under SCAQMD jurisdiction. In addition, the AQMP addresses several Federal planning requirements and incorporates updated emissions inventories, ambient measurements, meteorological data, and air quality modeling tools from earlier AQMPs. The Basin is in nonattainment for the federal and State standards for ozone (O3), and particulate matter less than 2.5 microns in diameter (PM2.5). In addition, the Basin is in nonattainment for the State particulate matter less than 10 microns in diameter (PM10) standard, and in attainment/maintenance for the federal PM10, carbon monoxide (CO), and nitrogen dioxide (NO2) standards.

A proposed project is consistent with the 2022 AQMP if the project is consistent with the goals, objectives, and assumptions in the plan to achieve the federal and State air quality standards. Furthermore, for the proposed Project to be consistent with the AQMP, the pollutants emitted from the Project should not exceed the SCAQMD daily threshold or cause a significant impact on air quality. Additionally, if feasible mitigation measures are implemented and are shown to reduce the impact level from significant to less than significant, a project may be deemed consistent with the AQMP.

Development of the Project would result in demolition of the building slabs and surface parking, as well as construction and operation of 323 residential units and associated improvements on a property that was previously developed with industrial buildings formerly used as a semiconductor manufacturing facility. Therefore, the Project could result in a potentially significant impact and will be further evaluated in the Draft EIR.

b) **Potentially Significant Impact**. The Project site is located within the Basin, which is characterized by relatively poor air quality. According to the 2022 AQMP, the Basin is designated nonattainment for Federal and State ozone (O3) standards, as well as the current particulate matter (PM2.5) standards; and it is unclassified for the federal sulfur dioxide standard and State hydrogen sulfide and visibility-reducing particles standards. The Los Angeles County portion of the Air Basin is designated as nonattainment for the federal lead standard. Project construction activities would include demolition, site preparation, grading, building construction, paving, and architectural coating phases. These activities would result in emissions of criteria pollutants due to the use of heavy-duty construction equipment and fugitive dust generated during ground disturbing activities. Operation of the Project would primarily result in criteria pollutant emissions from vehicle trips of residents traveling to and from the site, as well as small quantities of emissions from landscaping equipment, energy use, and cleaning products. Given the potential for emission of criteria pollutants in excess of the applicable thresholds, this issue will be further analyzed in the Draft EIR.

c) **Potentially Significant Impact**. The Project site is located at the intersection of Grand Avenue and Kansas Street within a mixed-use area with industrial, commercial, and residential uses surrounding the site. Residential units are located directly north and west of the Project site. Project construction and operations would involve activities that would generate both short-term and long-term criteria pollutants and other emissions and could potentially expose sensitive receptors to substantial pollutant concentrations. Therefore, this issue will be analyzed in the Draft EIR.

d) **Potentially Significant Impact**. The closest sensitive receptors to the Project site are residences located approximately 50 feet directly to the north. Other sensitive receptors include residences to the west, Holly Kansas Park to the northwest, and El Segundo Middle School to the west of the Project site. Potential sources that may emit odors during construction activities include the use of architectural coatings and solvents. SCAQMD Rule 1113 (Architectural Coatings) limits the amount of volatile organic compounds from architectural coatings and solvents. Odors from the combustion of diesel fuel would be minimized by complying with the California Air Resources Board (CARB) Air Toxics Control Measure (ATCM). The ATCM limits idling of diesel-fueled commercial vehicles to five minutes at any given location. The Project would also comply with SCAQMD Rule 402 (Nuisance), which prohibits the emissions of nuisance air contaminants or odorous compounds. Through adherence with mandatory compliance with SCAQMD Rules and State measures[9], construction activities and materials would not result in other emissions that create objectionable odors. Thus, Project construction is not expected to increase the exposure of people to emissions such as those leading to odors or to increase the generation of odors. Nonetheless, impacts are considered potentially significant. Therefore, this issue will be analyzed in the Draft EIR.

According to the SCAQMD CEQA Air Quality Handbook[10], land uses associated with odor complaints typically include agricultural uses, wastewater treatment plants, food processing plants, chemical plants, composting, refineries, landfills, dairies, and fiberglass molding. The Project includes residential uses and would not involve the types of uses typically associated with odor complaints. The Project would

[9] South Coast Air Quality Management District (SCAQMD). SCAQMD Rule Book. (website) https://www.aqmd.gov/home/rules-compliance/rules/scaqmd-rule-book. Accessed online June 2024.

[10] South Coast Air Quality Management District (SCAQMD). SCAQMD Handbook. (website) https://www.aqmd.gov/home/rules-compliance/ceqa/air-quality-analysis-handbook. Accessed online June 2024.

implement proper housekeeping practices for trash receptacles and other components or activities such that adverse odor impacts would be avoided similar to other residential uses in the vicinity of the Project site. Thus, the Project is not expected to increase the exposure of people to emissions such as those leading to odors or to increase the generation of odors. Nonetheless, impacts are considered potentially significant. Therefore, this issue will be analyzed in the Draft EIR.

Biological Resources

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

Discussion

a) **No Impact**. The Project site is located in an urbanized area and was previously developed with industrial buildings and associated surface parking. The prior industrial complex on the site contained ornamental landscaping, including a small number of trees and ornamental shrubs scattered along the Property's interior, and western and northeastern perimeter. New ornamental landscaping to be installed as a part of the Project would be similar in character as the existing ornamental landscaping.

The California Natural Diversity Database (CNDDB) was queried to determine special-status species that have been known to occur within the seven-quadrangle search area.[11,12] The buildings were demolished in 2023 and currently the site contains foundations and asphalt. Due to the disturbed nature of the Project site, no suitable habitat for any of the candidate, sensitive, or special status species that have been recorded in the vicinity of the Project site is present to support these species. The El Segundo Blue Butterfly (*Euphilotes battoides allyni),* which is federally listed as endangered, has been recorded in the

[11] California Department of Fish and Wildlife. 2025. *California Natural Diversity Database.* Available at https://apps.wildlife.ca.gov/rarefind/view/RareFind.aspx#. Accessed January 10, 2025.

[12] The seven-quadrangle search area included Topanga, Beverly Hills, Hollywood, Venice, Inglewood, Redondo Beach, and Torrance quadrangles.

CNDDB approximately one mile west of the Project site.[13] However, the El Segundo Blue Butterfly is dependent on coastal buckwheat plants which are not present on the Project site and, as indicated in the City's Conservation Element, this butterfly rarely strays from the coastal habitat.[14] Therefore, the El Segundo Blue Butterfly is not expected to occur within the Project site.

Due to the lack of suitable habitat present to support special-status species and because of surrounding development and high levels of human activity in the Project area, there is no potential for the Project site to support candidate, sensitive, or special status species. Therefore, the Project would not have a substantial adverse effect on candidate, sensitive, or special status species, and no impact would occur. No further analysis in the EIR is not necessary.

b) **No Impact.** As discussed under Response IV.a, the Project site is located in an urban area and, as described above, currently contains foundations and asphalt. Based on a review of the National Wetland Database and due to the lack of vegetation onsite, it was determined that no designated riparian habitat or natural communities exist within the Project site.[15] The Project site currently supports a limited amount of ornamental landscaping. Therefore, the Project would not have a substantial adverse effect on any riparian habitat or other sensitive natural community and no impact would occur. Therefore, no further analysis of this issue is necessary.

c) **No Impact.** As discussed under Response IV.a, the Project site is located in an urban area and was previously developed with industrial buildings and associated surface parking. The Project site does not contain any state or federally protected wetlands. As such, the Project would not have a substantial adverse effect on state or federally protected wetlands and no impact would occur, and this issue need not be evaluated further in an EIR.

d) **Less Than Significant Impact.** The Project site is located in an urbanized area and was previously developed with industrial uses. Grand Avenue and Kansas Street provide access to/from various uses in the site vicinity and have moderate levels of ambient noise and human disturbance associated with non-vehicular and vehicular traffic. No wildlife corridors or native wildlife nursery sites are present on the Project site or in the immediate surrounding area. Further, due to the urbanized nature of the Project area, the potential for native resident or migratory wildlife species movement through the Project site is negligible. The Project site currently contains ornamental trees and minimal landscaping. Based on the Tree Report prepared for the Project (see Appendix A), there are 39 trees located on the property, none of which are protected or Heritage trees.[16] The trees could support raptor and/or songbird nests for native species tolerant of human disturbance. Migratory nongame native bird species are protected by international treaty under the Federal Migratory Bird Treaty Act (MBTA) of 1918 (50 Code of Federal Regulations [CFR] Section 10.13). Sections 3503, 3503.5, and 3513 of the California Fish and Game Code prohibit take of all birds and their active nests including raptors and other migratory nongame birds (as listed under the Federal MBTA).

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13 California Department of Fish and Wildlife. 2025. *California Natural Diversity Database.* Available at https://apps.wildlife.ca.gov/rarefind/view/RareFind.aspx#. Accessed January 10, 2025.

14 El Segundo Conservation Element, 1992; page 7-5.

15 United States Fish and Wildlife Service. 2025. *National Wetlands Inventory – Wetlands Mapper.* Available at https://fwsprimary.wim.usgs.gov/wetlands/apps/wetlands-mapper/. Accessed January 1, 2025.

16 Tree Report, prepared by Kelly Lewis, dated June 18, 2024.

The Project would include the removal of the existing trees on the site and adjacent to the property. However, the removal of trees would be required to comply with MBTA regulations to ensure the protection of nesting birds. The requirements include avoiding construction-related activities during nesting season (September 1 to February 14 for songbirds; September 1 to January 14 for raptors). If construction were to occur during the nesting season, a preconstruction nesting bird survey is required within 15 days and again within 72 hours prior to any ground disturbing activities (staging, grading, vegetation removal or clearing, grubbing, etc.). If active nests are identified during the pre-construction survey, an avoidance buffer would be demarcated to delineate construction avoidance until the nest is determined to no longer be active by a qualified biologist (i.e., young have fledged or no longer alive within the nest). With compliance with the MBTA regulations, impacts would be less than significant and further analysis of this issue is not necessary.

e) **Less than Significant Impact**. As indicated above, based on the Tree Report prepared for the Project, there are 39 trees located on the property, none of which are protected or Heritage trees.[17] Data was collected on all of the trees, including the diameter at standard height (DSH) of 4.5 feet, an assessment of the canopy for height and spread, and the health and vigor of the trees was evaluated. None of the trees are protected or Heritage trees. In addition, the tree vigor and health ranged from 0 (very poor/dead) to 80 (good "B"), with the majority around 60 (Fair "C"). The Project would include the removal of the existing trees on the site and adjacent to the Property. The City does not have a tree preservation ordinance for trees on private property. However, Chapter 3 of the City of El Segundo Code of Ordinances includes requirements for the removal and maintenance of street trees. The Project would comply with any applicable City policies related to removal and replacement of street trees that are subject to Chapter 3 of the Code of Ordinances. Therefore, impacts related to tree removal would be less than significant and this issue will not be evaluated in the EIR.

f) **No Impact.** As discussed in Response IV.b, no designated riparian habitat or natural communities exist on the Project site or in the surrounding area. Additionally, there is no adopted Habitat Conservation Plan (HCP), Natural Community Conservation Plan (NCCP), or other approved local, regional, or State habitat conservation plan that includes the Project site or vicinity. Therefore, implementation of the proposed Project would not conflict with the provisions of any adopted HCP or NCCP, or other approved local, regional, or State HCP, and this issue need not be evaluated further in the EIR.

[17] Tree Report, prepared by Kelly Lewis, dated June 18, 2024.

Cultural Resources

Issues (and Supporting Information Sources):		*Potentially Significant Impact*	*Less Than Significant with Mitigation Incorporated*	*Less Than Significant Impact*	*No Impact*
V.	**CULTURAL RESOURCES —** Would the project:				
a)	Cause a substantial adverse change in the significance of a historical resource pursuant to §15064.5?	☐	☐	☒	☐
b)	Cause a substantial adverse change in the significance of an archaeological resource pursuant to §15064.5?	☒	☐	☐	☐
c)	Disturb any human remains, including those interred outside of dedicated cemeteries?	☐	☐	☒	☐

Discussion

a) **Less than Significant Impact**. Project construction would not involve any direct impacts to historic resources as all buildings on the Project Site have been previously demolished. ESA conducted a records search of the Project boundary and its surrounding 0.50-mile radius at the South-Central Coastal Information Center (SCCIC) at California State University Fullerton. The records search identified eight previously recorded resources, with only one intersecting the Project boundary (P 19-192686: Commercial Building). Three of the previously recorded resources (P 19-192684, P 19-192685; and P 19-192686) have been recommended not eligible for listing in the California Register of Historic Resources (CRHR). The remaining five previously recorded resources (P 19-187881, P 19-187882, P 19-187883, P 19-187884, and P 19-187885) consist of buildings and structures that have not been evaluated for their eligibility for inclusion in the CRHR. ESA supplemented the SCCIC records search with a review of historic aerials and topographic maps, the Built Environment Resources Directory (BERD), and locally listed historic resources which yielded negative results. As there are no eligible historic resources within 0.25-miles of the Project site, indirect impacts on surrounding historic resources would be less than significant.

b) **Potentially Significant Impact**. Although the April 30, 2024, records search at the SCCIC failed to identify any previously recorded resource within the Project boundary, one previously recorded and CRHR unevaluated resource was located within its 0.50-mile search radius (P 19-192402; Railway). ESA's review of historic topographic maps found that a previously unrecorded resource is located within the Project boundary. The resource is a portion of a historic rail line noted as "Old Rail Line" on the 1982 Venice USGS topographic quadrangle map, and it is also represented on the 1930, 1948, 1957, 1965, and 1975 historic topographic maps covering the Project boundary Project construction would involve activities including ground disturbance that have the potential to impact undiscovered archaeological resources. Therefore, potential impacts to archaeological resources will be evaluated in the EIR.

c) **Less than Significant Impact**. As previously indicated, the Project site is fully developed. Nevertheless, the Project would require excavation that could extend into native soils, with the potential to encounter previously unknown human remains. In the unlikely event that human remains are encountered during Project grading, the proper authorities would be notified, and standard procedures for the respectful handling of human remains during the earthmoving activities would be adhered to. These include State Health and Safety Code Section 7050.5, Public Resources Code (PRC) Section

5097.98, and State CEQA Guidelines Section 15064.5(e). Pursuant to these codes, in the event of the discovery of unrecorded human remains during construction, excavations shall be halted, and the County Coroner shall be notified. If the human remains are determined to be Native American, the California Native American Heritage Commission (NAHC) would be notified within 24-hours and the guidelines of the NAHC would be adhered to in the treatment and disposition of the remains. Compliance with these regulatory protocols would ensure that impacts on human remains would be less than significant, by ensuring appropriate examination, treatment, and protection of human remains as required by State law, and this issue need not be evaluated in the EIR.

Energy

Issues (and Supporting Information Sources):	*Potentially Significant Impact*	*Less Than Significant with Mitigation Incorporated*	*Less Than Significant Impact*	*No Impact*
VI. ENERGY — Would the project:				
a) Result in potentially significant environmental impact due to wasteful, inefficient, or unnecessary consumption of energy resources, during project construction or operation?	☒	☐	☐	☐
b) Conflict with or obstruct a state or local plan for renewable energy or energy efficiency?	☒	☐	☐	☐

Discussion

a) **Potentially Significant Impact**. Project construction and operations would involve activities that would require the use of energy, including electricity, natural gas, and petroleum. Technical analysis is required to determine whether the Project would result in potentially significant impacts related to energy consumption. Since this issue could be potentially significant, energy will be evaluated in the EIR.

b) **Potentially Significant Impact**. The Project would be required to comply with the California Green Building Standards (CALGreen Code) pursuant to Title 24, Part 11 of the California Code of Regulations (CCR). While the Project would incorporate various energy and resource conservation measures as discussed in the Project Description, evaluation in the EIR is required to determine if the Project would achieve consistency with state or local plans for renewable energy or energy efficiency.

Geology and Soils

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

Discussion

a.i) **Less than Significant Impact**. A Preliminary Geotechnical Investigation was prepared for the Project by Albus-Keefe & Associates as well as two Addenda to address Project revisions, including the change from commercial to the currently proposed residential development. A copy of the Preliminary Geotechnical Investigation and associated Addenda are provided in Appendix B. The seismically active region of Southern California is crossed by numerous faults that are both active and inactive. Fault rupture is the displacement that occurs along the sides of a fault during an earthquake.

The Alquist–Priolo Earthquake Zoning Act (Alquist–Priolo Act) requires the delineation of fault zones along active faults in California. The purpose of the Alquist–Priolo Act is to regulate development on or near active fault traces to reduce hazards associated with fault rupture. The Alquist–Priolo Earthquake Fault Zones are the regulatory zones that include surface traces of active faults. As indicated in the Preliminary Geotechnical Investigation and based on the California Department of Conservation data, the

Project site is not located within an Alquist-Priolo Special Study Zone.[18,19] The nearest active fault is the Newport-Inglewood fault, which is approximately 3.92 miles from the Project site. As indicated in the Preliminary Geotechnical Investigation, the potential for surface rupture is considered very low on the Project site. The City has adopted the California Building Code (CBC), which includes provisions for construction in seismically active areas and on different types of soils. In addition, in accordance with City requirements, a Geotechnical Report would be prepared for review and approval by the City prior to issuance of a building permit. With compliance with applicable regulations and City requirements, the Project would not directly or indirectly cause potential substantial adverse impacts associated with the rupture of a known earthquake fault. Impacts would be less than significant, and no further analysis of this issue is necessary.

a.ii) **Less Than Significant Impact.** Seismicity is the geographic and historical distribution of earthquakes, including their frequency, intensity, and distribution. The level of ground shaking at a given location depends on many factors, including the size and type of earthquake, distance from the earthquake, and subsurface geologic conditions. The type of construction also affects how particular structures and improvements perform during ground shaking. As with all of Southern California, the Project site is located in the seismically active Southern California region, it is subject to strong seismic ground shaking in the event of a seismic event.

TABLE 1
SUMMARY OF ACTIVE FAULTS

Name	Distance (miles)	Slip Rate (mm/yr.)	Preferred Dip (degrees)	Slip Sense	Rupture Top (km)	Fault Length
Newport-Inglewood, alt 1	3.92	1	88	Strike slip	0	65
Newport Inglewood Connected alt 1	3.92	1.3	89	Strike slip	0	208
Palos Verdes	4.44	3	90	Strike slip	0	99
Palos Verdes Connected	4.44	3	90	Strike slip	0	285
Newport Inglewood Connected alt 2	4.65	1.3	90	Strike slip	0	208
Puente Hills (LA)	8.53	0.7	27	Thrust	2.1	22
Santa Monica Connected alt 2	8.53	2.4	44	Strike slip	0.8	93
Santa Monica Connected alt 1	9.06	2.6	51	Strike slip	0	79
Santa Monica, alt 1	9.06	1	75	Strike slip	0	14

As shown in **Table 1**, there are several active faults close to the Project site, with the closest being the Newport-Inglewood fault, which is approximately 4 miles from the site. The Project would experience ground shaking as is typical in the Southern California region.

The California Building Standards Commission regulates development in California to reduce hazards from earthquakes and other geologic hazards. The Project would be designed in compliance with the most recent version of the CBC, which includes standards relating to seismic load requirements. In addition, in

[18] Albus-Keefe & Associates, Inc., Preliminary Geotechnical Investigation, December 2019, pages 4 and 5.

[19] California Department of Conservation, Earthquake Zones of Investigation website. https://maps.conservation.ca.gov/cgs/EQZApp/app/. Accessed August 2024.

accordance with City requirements, a Geotechnical Report would be prepared for review and approval by the City prior to issuance of a building permit. Recommendations in the Geotechnical Report would be incorporated into the Project. With incorporation of the recommendations of the site-specific Geotechnical Report as well as compliance with the CBC, impacts associated with strong seismic ground shaking would be less than significant. No further analysis of this issue is necessary.

a.iii) **Less Than Significant Impact.** Liquefaction occurs when partially saturated soil loses its effective stress and enters a liquid state, which can result in the soil's inability to support structures above. Generally, the following three basic factors must exist concurrently in order for liquefaction to occur:

- A source of ground shaking, such as an earthquake, capable of generating soil mass distortions;
- A relatively loose silty and/or sandy soil; and
- A relative shallow groundwater table (within approximately 50 feet bgs) or completely saturated soil conditions that allow positive pore pressure generation.

As indicated in the Preliminary Geotechnical Investigation, a review of the Seismic Hazard Zone Report 036 indicates that historical high groundwater level for the general site area is greater than 50 feet. Therefore, the potential for liquefaction to occur beneath the site is considered very low. In addition, the site is not located within a mapped California Geologic Survey liquefaction zone. (see Appendix B). Therefore, impacts regarding liquefaction would be less than significant and no further analysis is necessary.

a.iv) **No Impact**. The Project site is relatively flat and is not located adjacent to any potentially unstable topographical feature such as a hillside or riverbank. As indicated in the Preliminary Geotechnical Investigation, geologic hazards associated with landslides are not anticipated at the Project site (Appendix B). Therefore, no impacts would occur, and no further analysis is necessary.

b) **Less Than Significant Impact.** Soil erosion refers to the process by which soil or earth material is loosened or dissolved and removed from its original location. Erosion can occur by varying processes and may occur in a Project area where bare soil is exposed to wind or moving water (both rainfall and surface runoff). The processes of erosion are generally a function of material type, terrain steepness, rainfall or irrigation levels, surface drainage conditions, and general land uses. Topsoil is used to cover surface areas for the establishment and maintenance of vegetation due to its high concentrations of organic matter and microorganisms.

The Project would involve earthwork and other construction activities that would disturb surface soils and temporarily leave exposed soil on the ground surface. Therefore, during construction of the proposed Project, there would be increased potential for soil erosion and siltation compared to the existing developed condition of the Project site. During storm events, erosion and siltation could occur at an accelerated rate. Common causes of soil erosion from construction sites include stormwater, wind, and soil being tracked off site by vehicles. To help curb erosion, Project construction activities must comply with all applicable federal, state, and local regulations for erosion control. The Project would be required to comply with standard regulations, including SCAQMD Rules 402 and 403, which would reduce construction erosion impacts. Rule 402 requires that dust suppression techniques be implemented to prevent dust and soil erosion from creating a nuisance off site. Rule 403 requires that fugitive dust be

controlled with best available control measures so that it does not remain visible in the atmosphere beyond the property line of the emissions source.

In addition, since Project construction activities would disturb one or more acres, the Project must adhere to the provisions of the National Pollutant Discharge Elimination System (NPDES) Construction General Permit. Construction activities subject to this permit include clearing, grading, and ground disturbances such as stockpiling and excavating. The Construction General Permit requires implementation of a Stormwater Pollution Prevention Plan (SWPPP), which would include construction features for the Project (i.e., best management practices or BMPs) designed to prevent erosion and protect the quality of stormwater runoff. Sediment-control BMPs may include stabilized construction entrances, straw wattles on earthen embankments, sediment filters on existing inlets, or the equivalent. With compliance to the applicable regulations, impacts regarding soil erosion would be less than significant.

Once developed, the Project site would include buildings, paved surfaces, and other on-site improvements that would stabilize and help retain on-site soils. The remaining portions of the Project site containing pervious surfaces would primarily consist of landscaped areas. These landscaped areas would include a mix of trees, shrubs, plants, and groundcover that would help retain on-site soils while preventing wind and water erosion from occurring. Therefore, operational impacts related to soil erosion would be less than significant. No further analysis regarding soil erosion during construction and operation is necessary.

c) **Less Than Significant Impact**. As previously discussed, the potential for the Project to result in or be affected by landslides and liquefaction is low, and these issues are not anticipated at the Project site. The SHSP EIR did not identify any unstable geologic formations beneath the SHSP area that could contribute to landslides, lateral spreading, subsidence, liquefaction, or soil collapse. The Project would be designed consistent with the specific design recommendations of the Project's geotechnical report, which provides recommendations to perform site clearing, over-excavate existing soils, and recompact these soils with structured fill, among other technical design recommendations (Appendix B). Implementation of these recommendations would address these potentially hazardous conditions and ensure structural integrity in the event that seismic-related issues are experienced at the Project site. With implementation of the recommendations of the Project's geotechnical report, impacts would be less than significant, and this issue will not be evaluated in the Draft EIR.

d) **Less Than Significant Impact**. Expansive soils are characterized by their potential shrink/swell behavior. Shrink/swell is the change in volume (expansion and contraction) that occurs in certain fine-grained clay sediments from the cycle of wetting and drying. Much of the damage to building foundations, roads, and other structures can be caused by the swelling and shrinking of soils as a result of wetting and drying.

Based on soil borings taken at the site ranging from 31.5 to 51.3 feet below the existing ground surface (bgs), soil materials consist of previously placed engineered fills (Af) underlain by old sand dune deposits (Qos) (Appendix B). In general, the fill materials are present in the upper 6 to 7 feet and consist of brown fine-to-medium sand, sand with silt, and silty sand. The fill soils are generally slightly moist and medium dense to very dense with some pores and rootlets present. Old sand dune deposits (Qso) were encountered below the artificial fill and extending to at least 51.5 bgs. The old dune sand is mostly composed of silty sands and fine- to medium-grained sand with little or no fines content. These deposits were slightly moist,

light brown to tan brown, and dense to very dense. The upper surface of the deposit can be weathered and somewhat porous. Based on the laboratory test results, the near-surface soils at the Project site are generally anticipated to possess a very low expansion potential. Further, compliance with CBC requirements would reduce the potential risk to people and structures due to unstable and expansive soils. Therefore, impacts associated with expansive soils would be less than significant, and this issue will not be evaluated in the Draft EIR.

e) **No Impact**. The Project site is located in an urbanized area where municipal wastewater infrastructure already exists. The Project would be required to connect to the existing municipal sanitary sewer system and would not use septic tanks or alternative wastewater disposal systems. Therefore, no impacts would occur, and this issue will not be evaluated in the Draft EIR.

f) **Potentially Significant Impact.** Paleontological resources include fossil remains, as well as fossil localities and rock or soil formations that have produced fossil material. Although the Project site was previously developed, the Project would require grading and excavation for building foundations and below grade parking that could extend into native soils and/or geologic features potentially containing paleontological resources. Therefore, this issue will be evaluated in the Draft EIR.

Greenhouse Gas Emissions

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

Discussion

a) **Potentially Significant Impact**. Global temperatures are moderated by naturally occurring atmospheric gases. These gases are commonly referred to as Greenhouse Gas Emissions (GHGs) because they function like a greenhouse, allowing solar radiation (sunlight) into the Earth's atmosphere but prevent heat from escaping, thus warming the Earth's atmosphere. In 2017, the City adopted a Climate Action Plan that provides community-wide strategies to lower GHG emissions from a range of sources including land use, transportation, energy generation and consumption, water, and waste.

Construction and operation of the Project would generate both short-term and long-term GHG emissions which have the potential to either individually or cumulatively result in a significant impact on the environment. In addition, the Project would generate vehicle trips that would contribute to the emission of GHGs. Further analysis is needed, including development of a quantified estimate of greenhouse gas emissions (GHG) emissions from the construction and occupancy and use of the Project using the SCAQMD CalEEMod land use emissions computer model to determine the significance of these emissions. Therefore, GHG impacts could be a potentially significant impact and the project-generated emissions as well as compliance with the City's Climate Action Plan will be evaluated in the Draft EIR.

b) **Potentially Significant Impact**. The Project would be required to comply with the CALGreen Code and the City's Green Building Program. In conformance with these requirements, the Project would be designed to reduce GHG emissions through various energy and resource conservation measures. In addition, the Project would implement applicable energy and resource conservation measures to reduce GHG emissions such as those described in CARB's 2022 Scoping Plan and supporting documents, which describes the approaches the State will take to achieve targets for carbon neutrality by 2045 and reduce GHG emissions by 85% below 1990 levels by 2045 in accordance with AB 1279. In addition, SCAG Regional Council approved Connect SoCal 2024-2050 Regional Transportation Plan/Sustainability Communities Strategy (RTP/SCS) in April 2024. Construction and operation of the Project would generate GHG emissions, which could conflict with the policies and goals of GHG-reduction plans, including, but not limited to, the SCAG RTP/SCS, Assembly Bill (AB) 32 Scoping Plan, and Executive Orders S-03-05 and B-30-15. Therefore, consistency with applicable plans, policies or regulations adopted for the purpose of reducing the GHG emissions will be evaluated in the Draft EIR.

Hazards and Hazardous Materials

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

Discussion

a, b) **Potentially Significant Impact**. Construction of the Project would involve the temporary use of hazardous substances in the form of paint, adhesives, surface coatings and other finishing materials, and cleaning agents, fuels, and oils. The amount of hazardous chemicals present during construction is limited and would be used, stored, and transported in compliance with existing regulations, such as the Hazardous Materials Transportation Act, the Resource Conservation and Recovery Act, and the California Code of Regulations (Title 22). All materials would be transported and handled in accordance with applicable laws and regulations and manufacturers' instructions. Furthermore, any emissions from the use of such materials would be minimal and localized to the Project Site. Project operations would involve the use and storage of potentially hazardous materials in the form of cleaning solvents, painting supplies, and pesticides for landscaping. The use of these materials would be in small quantities and in accordance with the manufacturers' instructions for use, storage, and disposal of such products. As with construction emissions, any emissions from the use of such materials regarding the operation of the Project would be minimal and localized to the Project Site. However, the Project involves the demolition of existing building foundations and remediation of contaminated soils. The Project site has a controlled recognized environmental condition of former hazardous materials underground storage tanks and a recognized environmental condition of a potential subsurface impact from the wastewater pre-treatment system at 330 Kansas Street

(see Appendix C-1).[20] Contaminants identified in the soils on site above regulatory screening levels include chloroform, chromium, hexavalent chromium, tetrachloroethene and trichloroethene (see Appendices C-2 and C-3).[21,22] As discussed in the Project Description, the property owner entered into a Voluntary Cleanup Agreement with the Department of Toxic Substances Control (DTSC) to further investigate the site and to remediate the impacts under DTSC oversight. DTSC approval that the Site can be used for residential development would be necessary prior to the City issuance of building permits. Therefore, it is recommended that this topic be further analyzed in the Draft EIR.

The Project would involve the use and storage of small quantities of potentially hazardous materials in the form of cleaning solvents, fertilizers, and pesticides. For example, landscaping and maintenance activities could include the use of fertilizers and light equipment (e.g., edgers) that may require fuel. These types of activities do not involve the use of a large or substantial amount of hazardous materials. In addition, any such materials would be contained, stored, and used in accordance with manufacturers' instructions and handled in compliance with applicable standards and regulations. Any associated risk would be adequately reduced to a less than significant level through compliance with these standards and regulations.

c) **Potentially Significant Impact**. El Segundo Middle School is located at 332 Center Street, approximately 0.16 mile northwest of the Project site. Project construction and operations would involve activities that result in the transport, use, and handling of hazardous and potentially hazardous materials. Therefore, this issue will be analyzed in the Draft EIR.

d) **Potentially Significant Impact**. Government Code Section 65962.5 requires the California Environmental Protection Agency (CalEPA) to develop and update annually the Cortese List, which is a list of hazardous waste sites and other contaminated sites. While Government Code Section 65962.5 makes reference to the preparation of a list, many changes have occurred related to web-based information access since 1992 and information regarding the Cortese List is now compiled on the websites of the DTSC, the State Water Board, and CalEPA. The DTSC maintains the EnviroStor database, which includes sites on the Cortese List and also identifies potentially hazardous sites where cleanup actions (such as a removal action) or extensive investigations are planned or have occurred. The database provides a listing of Federal Superfund sites [National Priorities List (NPL)]; State Response sites; Voluntary Cleanup sites; and School Cleanup sites. Geotracker is the State Water Resources Control Board's data management system for managing sites that impact groundwater, especially those that require groundwater cleanup [USTs, Department of Defense, Site Cleanup Program] as well as permitted facilities such as operating USTs and land disposal sites. CalEPA's database includes lists of sites with active Cease and Desist Orders (CDO) or Cleanup and Abatement Orders (CAO) from the State Water Board. The Project site is listed on the Cortese List as an active voluntary cleanup.[23] Therefore, impacts could be potentially significant impact and will be evaluated in the Draft EIR.

e) **Less Than Significant Impact**. The Los Angeles International Airport (LAX) is located approximately one mile north of the Project site. Based on the Los Angeles County Airport Land Use Plan (ALUP), the Project site is not located within the Airport Influence Area and is outside of the 65

[20] Infineon Technologies Americas Corporation, Phase I Environmental Site Assessment, dated August 2016.

[21] ERM, Data Gap Analysis, Second Soil Vapor Summary Report, dated January 9, 2024.

[22] ERM, Chromium Investigation Summary Results, dated January 19, 2024.

[23] EnviroStor Database (ca.gov), https://www.envirostor.dtsc.ca.gov/public/profile_report?global_id=60003219, accessed April 12, 2024.

CNEL noise contour.[24] Therefore, the location of the Project would not result in a safety hazard or excessive noise for residents or employees in the Project area, and no further analysis is necessary.

f) **Less Than Significant Impact**. The El Segundo Emergency Operations Plan (EOP), adopted by the City in 2003, and updated in 2019 establishes policies and structures for City government management of emergencies and disasters. The main disaster/evacuation routes within the City are South Sepulveda Boulevard and Palm Avenue, which are not adjacent to the Project site.[25]

The Project site is located in an urbanized area that is well served by the existing roadway network. While it is expected that the majority of construction activities for the Project would be on-site, construction activities may temporarily affect access on portions of adjacent streets during certain periods of the day. Construction activities have the potential to temporarily impact traffic and vehicle speeds on adjacent roadways although through-access for drivers, including emergency personnel, along all roads would be provided. In these instances, the Project would implement traffic control measures (e.g., construction flag person/signaler, signage, etc.) to maintain flow and access. Furthermore, the applicant would coordinate with the City to ensure appropriate construction staging areas and adequate vehicular and pedestrian access are temporarily provided on adjacent roadways. The Project would be required to comply with all applicable City requirements pertaining to emergency response and evacuation plans, as well as providing fire protection and security on the site.

Project operation would generate traffic in the Project vicinity and would result in modifications to access (i.e., new curb cuts for project driveways) from the streets that surround the Project site. However, emergency access to the Project site and surrounding area would continue to be provided similar to existing conditions. Emergency vehicles and fire access for the Project site would be provided at grade from Grand Avenue, Kansas Street, and Holly Street. The Project would comply with applicable fire code requirements and plans would be reviewed by El Segundo Fire Department (ESFD) prior to issuance of permits. The Project would not result in impediments along any designated emergency evacuation routes, and the proposed mix of uses would not impair implementation of El Segundo's EOP. Therefore, with compliance with applicable City requirements, impacts associated with emergency response or evacuation plans would be less than significant. No further analysis of this issue is necessary.

g) **No Impact**. The Project site is not located within a High Fire Hazard Severity Zone or a Very High Fire Hazard Severity Zone.[26,27] In addition, the Project site is located within an urbanized area of the city and is surrounded by commercial and residential uses. No wildlands occur within or near the Project site. Therefore, the Project would not expose people or structures to significant risk involving wildland fires and this issue will not be evaluated in the Draft EIR.

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[24] County of Los Angeles. 2004. Los Angeles County Airport Land Use Plan. Prepared by the Los Angeles County Airport Land Use Commission. Adopted December 19, 1991. Revised December 1, 2004. Accessed April 12, 2024. https://planning.lacounty.gov/wp-content/uploads/2022/10/Los-Angeles-County-Airport-Land-Use-Plan.pdf

[25] County of Los Angeles. 2008. City of El Segundo Disaster Route Map. Created June 25, 2008. Accessed April 18, 2024. https://dpw.lacounty.gov/dsg/DisasterRoutes/map/El%20Segundo.pdf

[26] California Department of Forestry and Fire Protection, 2011. Los Angeles County Very High Fire Hazard Severity Zones in LRA. https://www.osfm.fire.ca.gov/media/7280/losangelescounty.pdf. Accessed April 2, 2024.

[27] California Department of Forestry and Fire Protection, Fire Hazard Severity Zones in State Responsibility Areas. https://calfire-forestry.maps.arcgis.com/apps/webappviewer/index.html?id=988d431a42b242b29d89597ab693d0082023, effective April 2024. Accessed April 2, 2024.

Hydrology and Water Quality

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

Discussion

a) **Potentially Significant Impact**. Construction of the Project would require earthwork activities, including excavation and grading, that could potentially alter existing drainage patterns. During precipitation events in particular, construction activities would have the potential to result in soil erosion during grading and soil stockpiling, subsequent siltation, and conveyance of pollutants into municipal storm drains. Operation of the Project also has the potential to result in water quality impacts. Therefore, this issue will be analyzed in the EIR.

b) **Potentially Significant Impact**. The Project site is located in an urbanized area and was previously developed with industrial buildings and associated surface parking. Construction and operational activities could potentially alter the existing drainage patterns, which could subsequently impact groundwater recharge. Since the Project would not use groundwater, it would not deplete supplies of groundwater. However, since the Project will result in increased impermeable surfaces, it could have the potential to reduce groundwater recharge. Therefore, these issues will be analyzed in the Draft EIR.

c.i) **Potentially Significant Impact**. Although no streams or rivers occur onsite, construction activities could potentially alter the existing drainage patterns at the site, particularly during excavation and grading

activities. If a precipitation event were to occur during these activities, exposed sediments may be carried offsite and into the local storm drain system, thus increasing siltation. In addition, the change in on-site drainage patterns could also result in limited soil erosion. Therefore, this issue will be analyzed in the Draft EIR.

c.ii) **Potentially Significant Impact**. While the site is under construction, the rate and amount of surface runoff generated at the site would fluctuate and construction activities have the potential to alter existing drainage patterns. The Project could alter the existing drainage patterns and would need to demonstrate a design that links site drainage to the local drainage network so as not to adversely affect flooding conditions. Therefore, this issue will be analyzed in the Draft EIR.

c.iii) **Potentially Significant Impact**. As discussed above, operation of the Project would alter on-site drainage patterns which could potentially result in additional sources of polluted runoff. Therefore, this issue will be analyzed in the EIR.

c.iv) **No Impact**. The Project site does not contain any streams or rivers that have the potential to be altered by the Project. The Project site is located in an urbanized area and was previously developed with industrial buildings that were demolished in 2023. In addition, the Project site is not located within a Federal Emergency Management Agency (FEMA) flood hazard zone.[28] Therefore, no impacts associated with impeding or redirecting flood flows would occur.

d) **Less Than Significant Impact**. The Project would not be susceptible to flood hazards, tsunami, or seiche. A tsunami is a great sea wave, commonly referred to as a tidal wave, produced by a significant disturbance undersea, such as a tectonic displacement of sea floor associated with large, shallow earthquakes. Seiches are oscillations of enclosed bodies of water typically caused by ground shaking associated with a seismic event. The Project site is not located near an enclosed body of water. As discussed in Response X.c.iv, the Project site as with the City, is in Zone X, pursuant to the FEMA Flood Insurance Rate Map (FIRM). Construction and operation would involve some use of hazardous materials. However, such materials would be used and stored in compliance with applicable regulations. Flooding from tsunami conditions is considered low according to the City's Public Safety Element. Since the Project site and immediate surrounding area is not located within a flood hazard, tsunami, or seiche zones, the risk release of pollutants due to project inundation would be less than significant.

e) **Potentially Significant Impact**. As required by Section 303(d) of the Clean Water Act (CWA), the State and the Regional Water Boards assess water quality data for California's waters every two years to determine if they contain pollutants at levels that exceed protective water quality criteria and standards.[29] The Los Angeles Regional Water Quality Control Board (LARWQCB) updated the 303(d) list of impaired waterbodies in the region as part of the 2022 assessment cycle. All waterbodies on the 303(d) list are subject to the development of a Total Maximum Daily Load (TMDL). The nearest water body to the Project site that has been identified as an impaired water body is Ballona Creek, which is located approximately 4.3 miles northwest of the Project site. Impairment for Ballona Creek include trash, toxic

[28] FEMA, National Flood Hazard Layer FIRMette 06037C1767G dated April 21, 2021. Accessed April 18, 2024.

[29] State Water Resources Control Board, Impaired Water Bodies, https://www.waterboards.ca.gov/water_issues/programs/water_quality_assessment/2020_2022_integrated_report.html. Accessed April 20, 2024.

pollutants, bacteria, metals, and sediment. Construction and operational activities could potentially have an adverse effect on existing drainage patterns, which could subsequently impact surface water and groundwater quality, as well as both on-site and local hydrology. Therefore, this issue will be analyzed in the Draft EIR.

Land Use and Planning

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

Discussion

a) **Less Than Significant Impact**. The physical division of an established community typically refers to the construction of a linear feature (e.g., a major highway or railroad tracks) or removal of a means of access (e.g., a local road or bridge) that would impair mobility within an existing community or between a community and outlying area. The Project site is located within an urban area and was previously developed with industrial uses and associated parking. Washington Street between Grand Avenue and Holly Avenue, which bounds the site to the east, is a privately owned street although the southeastern 25-feet of Washington Street is public right-of-way. There is an irrevocable offer to dedicate the western 25-feet of Washington Street. The Project would vacate the public right-of-way, and the irrevocable offer would be terminated through the street vacation process. Vehicular access to the Project site would be via Grand Avenue and Washington Street. Access for emergency vehicles and service trucks would be maintained on Washington Street. The Project would not impede movement within the Project area, within an established community, or from one established community to another. Therefore, the Project would not physically divide the established pattern of development around the site, and impacts associated with the division of an established community would be less than significant. This issue will not be further evaluated in the Draft EIR.

b) **Potentially Significant Impact**. The Project would result in the redevelopment of a previously developed property with 323 residential units and associated improvements. The Project proposes a General Plan Amendment, Zone Change, and adoption of a new Specific Plan. The Project would increase the height and density at the Project site. As such, further analysis is needed to determine the consistency of the proposed General Plan Amendment, Zone Change and Specific Plan with the goals, objectives, and policies in the El Segundo General Plan. Therefore, this issue will be evaluated in the Draft EIR.

Mineral Resources

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

Discussion

a, b) **No Impact.** Minerals are defined as any naturally occurring chemical elements or compounds formed from inorganic processes and organic substances. The California Surface Mining and Reclamation Act of 1975 requires that all cities address significant mineral resources, classified by the State Geologist and designated by the State Mining and Geology Board, in their General Plans. Mineral resources could include oil wells, natural gas wells, and mineral deposits, among others.

As indicated in the City's Conservation Element, the El Segundo Oil Field, part of which underlies the City, was discovered in 1935. The field has produced over 14 million barrels of oil and condensate and has declined since 1967.[30] The site is located within the El Segundo Oil Field and there is a plugged oil and gas well on the Project site. The nearest active oil and gas well is approximately 0.67 miles west of the Project site.[31]

In 1975, the California Legislature enacted the Surface Mining and Reclamation Act, which, among other things, provided guidelines for the classification and designation of mineral lands. Areas are classified on the basis of geologic factors without regard to existing land use and land ownership. The areas are categorized into the following four Mineral Resource Zones (MRZ):

- MRZ-1: An area where adequate information indicates that no significant mineral deposits are present, or where it is judged that little likelihood exists for their presence.
- MRZ-2: An area where adequate information indicates that significant mineral deposits are present, or where it is judged that a high likelihood exists for their presence.
- MRZ-3: An area containing mineral deposits, the significance of which cannot be evaluated.
- MRZ-4: An area where available information is inadequate for assignment to any other MRZ zone.

The City is located in the San Fernando Valley Production-Consumption Region and is classified as Mineral Resources Zone 3 (MRZ-3).[32,33]A large portion of the San Fernando Valley Production-Consumption Region is classified MRZ-3, which are areas underlain by Quaternary and Pleistocene alluvial deposits, Tertiary sedimentary and volcanic deposits, and crystalline basement rock. These areas

[30] El Segundo Conservation Element, 1992. Page 7-5

[31] CalGEM. 2024. Wellfinder. https://maps.conservation.ca.gov/doggr/wellfinder/; accessed March 29, 2024.

[32] City of El Segundo. 2018. Smoky Hollow Specific Plan Draft Environmental Impact Report. March 2018.

[33] California Department of Conservation, SMARA Mineral Land Classification, accessed August 14, 2024.

have not been evaluated and are considered to be a potential source of aggregate.[34] However, there are no existing mineral extraction operations on the Project site, and the site was previously developed with industrial buildings and associated parking. Given that there were previously wells in the area, the area is currently urban with a mix of uses, and there are no known mineral extraction operations in the area, the potential of uncovering mineral resources during Project construction is considered low. In addition, the Smoky Hollow Specific Plan (SHSP) EIR determined the SHSP would have less than significant impacts to mineral resources and no mitigation was required.[35] Therefore, the 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. Furthermore, the Project would not 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.

[34] California Department of Conservation, SMARA Mineral Land Classification, Special Report 254: 2021 Update of the Mineral Land Classification for Portland Cement Concrete Aggregate Resources in the San Fernando Valley and Saugus-Newhall Production-Consumption Regions, accessed August 14, 2024.

[35] City of El Segundo. 2018. Smoky Hollow Specific Plan Draft Environmental Impact Report. March 2018.

Noise

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

Discussion

a) **Potentially Significant Impact**. The Project site is located in an urban area with a mix of land uses. Including commercial, residential, and industrial uses. Noise-sensitive land uses within proximity to the project site include single-family residential uses to the north across Holly Avenue and multifamily residential uses to the west across Grand Avenue. In addition, park uses including Holly Kansas Park and Freedom Park, are located northwest and northeast of the project, respectively, across Holly Avenue. The Project would result in potential, short-term (temporary) noise impacts during construction and long-term noise during operation. Construction of the Project would require the use of heavy construction equipment (e.g., bulldozers, backhoes, loaders, etc.) that would generate noise on a short-term basis. Operation of the Project may increase existing noise levels as a result of Project-related traffic, the operation of heating, ventilation, and air conditioning (HVAC) systems, loading and unloading of trucks, parking-related noise (e.g., car alarms, slamming of car doors, etc.), and outdoor activities. It is possible that construction and operational activities could exceed allowable City noise levels or state/federal guidance thresholds. Therefore, this issue could be a potentially significant impact and will be evaluated in the Draft EIR.

b) **Potentially Significant Impact.** Construction activities can generate varying degrees of ground vibration depending on the construction procedures and construction equipment used. Residential and other noise sensitive uses located around the Specific Plan Area may experience a temporary increase in groundborne vibration and noise. The proposed multifamily residential building would not include any facilities or equipment that will generate excessive groundborne vibration or noise levels. Further analysis is needed to determine the potential effects of groundborne vibration and noise generated during construction to affect surrounding uses. Therefore, this issue could be a potentially significant impact and will be evaluated in the Draft EIR.

c) **No Impact.** The nearest operational public-use airport to the Project site is LAX, which is located approximately one mile north of the Project site. According to the Los Angeles County Airport Land Use Plan (ALUP), the Project site is not within the planning boundaries of LAX, and is outside of the 65

CNEL noise contour.[36] Therefore, the Project would not expose people to excessive noise levels from such uses. No impacts would occur, and this issue will not be evaluated in the Draft EIR.

[36] https://planning.lacounty.gov/wp-content/uploads/2022/10/Los-Angeles-County-Airport-Land-Use-Plan.pdf

Population and Housing

Issues (and Supporting Information Sources):	*Potentially Significant Impact*	*Less Than Significant with Mitigation Incorporated*	*Less Than Significant Impact*	*No Impact*
XIV. POPULATION AND HOUSING — Would the project:				
a) 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)?	☒	☐	☐	☐
b) Displace substantial numbers of existing people or housing, necessitating the construction of replacement housing elsewhere?	☐	☐	☐	☒

Discussion

a) **Potentially Significant Impact**. The Project would result in the redevelopment of a site that was previously developed with industrial uses. The Project, which would develop a 323-unit multifamily residential complex, proposes a General Plan Amendment, Zone Change, and the adoption of a Specific Plan. Therefore, since the Project may result in an increase in population not previously anticipated, this issue will be evaluated in the Draft EIR.

b) **No Impact**. The Project site was previously developed with industrial uses and associated parking. Given that no residential uses are located on the Project site, the Project would not displace existing housing, nor would it impede future residential development potential. Therefore, no impacts associated with the displacement of people or housing would occur, and no further analysis of this issue is needed.

Public Services

Issues (and Supporting Information Sources):	*Potentially Significant Impact*	*Less Than Significant with Mitigation Incorporated*	*Less Than Significant Impact*	*No Impact*
XV. PUBLIC SERVICES —				
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 following public services:				
i) Fire protection?	☒	☐	☐	☐
ii) Police protection?	☒	☐	☐	☐
iii) Schools?	☒	☐	☐	☐
iv) Parks?	☒	☐	☐	☐
v) Other public facilities?	☒	☐	☐	☐

Discussion

a.i) **Potentially Significant Impact**. Fire protection and emergency medical services for the Project site would be provided by the ESFD. The Project would result in the development of 323 residential units and associated improvements. Construction activities associated with the Project could temporarily increase the demand for fire protection and emergency medical services and could potentially involve temporary lane closures and construction traffic that slows emergency response in the Project vicinity. Project operation would increase the density of development, resulting in an increase in on-site population that could increase the demand for fire protection and emergency medical services from ESFD. Therefore, this topic will be evaluated in the Draft EIR.

a.ii) **Potentially Significant Impact**. Police protection services for the Project site would be provided by the El Segundo Police Department (ESPD). Construction activities associated with the Project could temporarily increase the demand for police protection services to respond to calls associated with theft, graffiti, vandalism and/or trespassing. Project operation would increase the density of development resulting in an increase of on-site population that could increase the demand for police protection services from ESPD. Therefore, this topic be evaluated in the Draft EIR.

a.iii) **Potentially Significant Impact**. The Project site is located within the El Segundo Unified School District boundaries and would generate students who would attend the schools in this district. Schools within the vicinity of the Project include El Segundo Middle School, approximately 0.16 mile west; Carter Street Elementary School, approximately 0.3 mile to the north; Hilltop Christian School, approximately 0.39 mile to the west; and St. Anthony's Preschool, approximately 0.48 mile to the west of the Project site. Project construction would create temporary construction jobs, but construction workers would be drawn from an existing work pool and would work at the Project site for only short durations. Therefore, there would be no substantial direct increase in student population associated with Project construction. However, Project operations would provide new housing resulting in an increase in on-site

population that would increase the demand for school services from ESUSD. Therefore, this issue could be a potentially significant impact and will be evaluated in the Draft EIR.

a.iv) **Potentially Significant Impact**. El Segundo's Community Services Department includes the Parks and Facilities division, which is responsible for the developed parkland in the City. The City provides a wide variety of attractions and amenities including recreational facilities, parks, athletic fields, recreational water amenities, a skate park, dog park and community garden. At least a portion of the Project's residents are anticipated to patronize the various public parks and recreation facilities located in proximity to the Project site. While the Project would include park and recreation amenities that would support some of the new residents' park and recreation needs, the increase in population would increase demand for parks in the area. Therefore, impacts associated with the need for new or expanded park facilities will be evaluated in the Draft EIR.

a.v) **Potentially Significant Impact**. The El Segundo Public Library (ESPL) is located at 111 West Mariposa Avenue in El Segundo. The ESPL partners with ESUSD to provide services at four El Segundo school libraries and offers a digital library with eBooks and audiobooks, as well as online resources including databases, newspapers, magazines, reading sources, and general reference guides. The increase in population associated with the Project would increase demand for library services in the area. Therefore, impacts associated with the need for new or expanded libraries and other public facilities will be evaluated in the Draft EIR.

Recreation

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

Discussion

a) **Potentially Significant Impact**. The Project would result in a 323-unit multifamily residential complex that would introduce new population to the Project area. As indicated above, the City provides a wide variety of attractions and amenities including recreational facilities, parks, athletic fields, recreational water amenities, a skate park, dog park and community garden. However, given the increase in residential population that would result from the development of 323 units, the Project would increase the use of existing parks and demand for recreational facilities. Therefore, impacts associated with the increased use of existing recreational facilities and the potential increase in demand that could require the construction or expansion of recreational facilities resulting in an environmental impact will be evaluated in the Draft EIR.

b) **Potentially Significant Impact.** While the Project would provide on-site recreational facilities, the Project would increase the residential population in the city and, therefore, could potentially require the expansion of off-site recreational facilities, as discussed above. Although the Project would pay required Quimby Fees and/or applicable parkland fees to the City, the construction of on- or off-site recreational facilities has the potential to have an adverse physical effect on the environment. Therefore, this will be further evaluated in the Draft EIR.

Transportation

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

Discussion

a) **Potentially Significant Impact.** The Project site is located in an urbanized area and was previously developed with industrial buildings and associated parking. The Project would replace the previous industrial uses with a multifamily residential building, which would increase the on-site population and associated vehicular, bicycle, and pedestrian traffic, as well as transit demand. Project construction would result in a temporary increase in traffic in the Project area as a result of construction-related truck trips and worker vehicle trips and could necessitate temporary construction-related lane closures and impede vehicular, bicycle, and pedestrian access in the Project vicinity. The Project-generated traffic could adversely impact the performance of the local and regional circulation system, including transit, roadway, bicycle, and pedestrian facilities

Although the Project site is well served by public transportation, and would include bicycle facilities, given the increase in population the Project could impact vehicular, bicycle, pedestrian, and public transportation networks during construction and operation.

The City has adopted plans, ordinances, and policies addressing the performance of the circulation system in the City, including the Circulation Element of the El Segundo General Plan. The Circulation Element is required by the State to consist of the general location and extent of existing and proposed major thoroughfares, transportation routes, terminals, any military airports and ports, and other local public utilities and facilities, all correlated with the land use element of the [General] Plan.[37] Further analysis is needed to determine the potential for these changes to conflict with plans and policies for the City's circulation system including transit, roadway, bicycle, and pedestrian facilities. Therefore, this issue will be further evaluated in the EIR.

b) **Potentially Significant Impact**. The Project would increase vehicle trips and resulting Vehicle Miles Traveled (VMT). As such, an analysis will be prepared to evaluate regional transportation performance measures, including total vehicle trips and vehicle miles traveled, and the results will be included in the Draft EIR.

[37] Circulation Element p. 4-1, citing Government Code sections 65302 & 65303

c) **Potentially Significant Impact**. The Project is located at the intersection of Grand Avenue and Kansas Street. During construction, the Project may require temporary lane and sidewalk closures. While the Project design will meet applicable El Segundo City code requirements and will be subject to review by ESFD for emergency access provisions, due to the Project's location and access points, near the intersection, the Project could create new circulation patterns on site. Therefore, impacts are considered potentially significant, and this issue will be analyzed further in the Draft EIR.

d) **Potentially Significant Impact**. The Project would change emergency access by modifying the access points and circulation on the Project site. Also, while it is expected that the majority of Project construction activities would occur on-site and the Project would be required to implement a Construction Traffic Management Plan, short-term construction activities may temporarily affect emergency access on segments of adjacent streets during certain periods of the day. Therefore, this issue will be analyzed in the Draft EIR.

Tribal Cultural Resources

Issues (and Supporting Information Sources):	*Potentially Significant Impact*	*Less Than Significant with Mitigation Incorporated*	*Less Than Significant Impact*	*No Impact*
XVIII. TRIBAL CULTURAL RESOURCES —				
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:				
i) 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), or	☒	☐	☐	☐
ii) 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.	☒	☐	☐	☐

Discussion

a.i and ii) **Potentially Significant Impact**. Assembly Bill 52 (AB 52) establishes a formal consultation process for California Native American Tribes to identify potentially significant impacts to tribal cultural resources, as defined in Public Resources Code Section 21074, as part of CEQA. In addition, Senate Bill 18 (SB 18) incorporates the protection of California traditional tribal cultural places into land use planning for cities, counties, and agencies by establishing responsibilities for local governments to contact, refer plans to, and consult with California Native American tribes as part of the adoption or amendment of any general or specific plan proposed on or after March 1, 2005.

The lead agency is required to consult with Native American Tribes to identify, evaluate, and mitigate impacts to tribal cultural resources if a Tribe has formally requested consultation. The Gabrieleno Band of Mission Indians – Kizh Nation, a California State recognized American Indian Tribe centered at Mission San Gabriel, has requested notification regarding projects in the City of El Segundo. The City coordinated with NAHC to obtain the SB 18 list and the City initiated Tribal consultation with the Tribes on the list on December 19, 2024. The results of the process will be summarized in the Draft EIR.

Utilities and Service Systems

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

Discussion

a) **Potentially Significant Impact**. The Project, with development of 323 residential units, would result in a net increase in activity and occupation of the Project site compared to existing conditions. Because of the Project's proposed increase in occupancy, and additional developed floor area on the Project site, the Project would result in an increase in the demand for water and wastewater facilities, including those related to fire flow. In addition, with the intensification of development on the Project site, the Project could increase energy consumption during construction and operation associated with electricity and natural gas. The increase in energy consumption from Project implementation could result in impacts to electric power and natural gas facilities. Further analysis will be conducted to determine the projected utility demand and whether the projected demand would require construction of additional facilities. Therefore, this issue will be evaluated in the Draft EIR.

The Project site is located in a developed and urbanized area that is served by existing telecommunication services. The Project would include the installation of new underground telecommunication lines (for internet, telephone, and other services), as needed, to serve the proposed residential uses proposed on the Project site. Construction impacts associated with the installation of new telecommunication infrastructure would primarily involve trenching in order to place the lines below ground surface. When considering impacts resulting from the installation of any required telecommunications infrastructure, all impacts are of a relatively short duration and would cease to occur when installation is complete. Installation of new telecommunications infrastructure if needed is expected to be limited to on-site telecommunications distribution and minor off-site work associated with connections to the broader infrastructure system. As telecommunication providers already deliver their services to homes and

businesses in the vicinity of the Project site, it is anticipated that existing telecommunications facilities would be sufficient to support the Project's needs for telecommunication services. As such, no substantial upgrades to off-site telecommunications facilities are anticipated. Therefore, the Project would not require or result in the relocation or construction of new or expanded telecommunication facilities, the construction or relocation of which could cause significant environmental effects. Impacts related to telecommunications facilities would be less than significant, and this issue will not be evaluated further in the EIR.

b) **Potentially Significant Impact**. The Project would increase water demand compared to existing conditions. Sections 10910-10915 of the State Water Code (Senate Bill 610) requires the preparation of a water supply assessment (WSA) demonstrating sufficient water supplies for a project that is: 1) a shopping center or business establishment that will employ more than 1,000 persons or have more than 500,000 square feet of floor space; 2) a commercial office building that will employ more than 1,000 persons or have more than 250,000 square feet of space, or 3) any mixed-use project that would demand an amount of water equal to or greater than the amount of water needed to serve a 500 dwelling unit subdivision. While the Project would not meet any of the aforementioned thresholds for preparation of a WSA, water supply will nonetheless be analyzed in the EIR based on demand factors for the Project land use components, taking into account the water conservation measures proposed by the Project, as applicable. The EIR analysis will evaluate overall water demand and discuss Project consistency with water supply projections.

c) **Potentially Significant Impact**. Due to the increase in the intensity of the use of the site, the Project would result in an increase in wastewater. An analysis will be prepared to determine if there is adequate capacity to serve the Project's future demand. Therefore, this issue will be evaluated in the Draft EIR.

d) **Potentially Significant Impact**. Construction activities and Project operations would generate solid waste, and as such, further analysis is required to determine the increase in solid waste generated by the Project. Therefore, this issue could be a potentially significant impact and will be evaluated in the Draft EIR.

e) **Potentially Significant Impact**. The Project would be required to comply with federal, state, and local statutes and regulations related to solid waste. Further investigation is required to confirm that the Project would comply with these regulations. Therefore, this issue could be a potentially significant impact and will be evaluated in the Draft EIR.

Wildfire

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

Discussion

a) **No Impact.** The Project site was previously developed with industrial uses and a parking lot, and is located within a highly urbanized portion of the City. The Project site is not located within a High Fire Hazard Severity Zone or a Very High Fire Hazard Severity Zone based on the Local Responsibility and State Responsibility Area maps by CAL FIRE.[38, 39]

As discussed in Response IX.f), the EOP, adopted by the City in 2003, and updated in 2019 establishes policies and structures for City government management of emergencies and disasters. The Project site is well served by the existing roadway network. While it is expected that the majority of construction activities for the Project would be on-site, construction activities may temporarily affect access on portions of adjacent streets during certain periods of the day. The Project would be required to comply with all applicable City requirements pertaining to emergency response and evacuation plans, as well as providing fire protection and security on the site.

During operation, emergency access to the Project site and surrounding area would continue to be provided similar to existing conditions. Emergency vehicles and fire access for the Project site would be provided at grade from Grand Avenue, Kansas Street, and Holly Street. The Project would comply with applicable fire code requirements and plans would be reviewed by ESFD prior to issuance of permits. The Project would not result in impediments along any designated emergency evacuation routes, and the

[38] CAL FIRE (California Department of Forestry and Fire Protection). 2011. Los Angeles County Very High Fire Hazard Severity Zones in LRA. September 2011. Accessed April 2, 2024. https://www.osfm.fire.ca.gov/media/7280/losangelescounty.pdf

[39] CAL FIRE. 2024. Fire Hazard Severity Zones in State Responsibility Areas. September 29, 2023. Effective April 1, 2024. Accessed April 2, 2024. https://calfire-forestry.maps.arcgis.com/apps/webappviewer/index.html?id=988d431a42b242b29d89597ab693d008

proposed mix of uses would not impair implementation of El Segundo's EOP. Therefore, the Project would not substantially impair an adopted emergency response plan or emergency evacuation plan.

b) **Less than Significant Impact.** As indicated above, the Project site is not located within a Fire Hazard Severity Zone or a Very High Fire Hazard Severity Zone according to the Local Responsibility and State Responsibility Area maps by CAL FIRE. In addition, the Project site is relatively level and was previously developed with industrial uses and associated parking. Therefore, it is not anticipated that the Project, due to slope, prevailing winds, and other factors, would exacerbate wildfire risks or expose Project occupants to pollutant concentrations from a wildfire or the uncontrolled spread of a wildfire. Thus, impacts would be less than significant, and no further analysis is needed.

c) **No Impact.** As indicated above, the Project site is not located within a Fire Hazard Severity Zone or a Very High Fire Hazard Severity Zone according to the Local Responsibility and State Responsibility Area maps by CAL FIRE. In addition, the Project site is located in an urbanized area and was previously developed with industrial uses and associated parking. The Project would redevelop and site with residential units and a parking garage. The Project would not require the installation or maintenance of infrastructure such as roads, fuel breaks, emergency water sources, power lines, or other utilities that would exacerbate fire risk. As such, the Project would not expose people or structures to significant risk involving wildland fires, exacerbate wildfire risks, or otherwise result in wildfire-related impacts. Therefore, no impacts associated with wildfire would occur, and no further analysis is needed.

d) **No Impact.** As discussed in issue X, above, the Project would not result in significant risks associated with flooding, landslides, runoff, or drainage changes, and the Project does not propose the use of fire (such as for a controlled vegetation burn) that would result in post-fire slope instability. The Project site is located within a developed portion of the City that is not susceptible to wildland fires, given its considerable distance from open, natural areas. As indicated previously, the site is not located within a Fire Hazard Severity Zone or a Very High Fire Hazard Severity Zone according to the Local Responsibility and State Responsibility Area maps by CAL FIRE. Thus, the 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. Therefore, no impacts associated with wildfire would occur, and no further analysis is needed.

Mandatory Findings of Significance

Issues (and Supporting Information Sources):	*Potentially Significant Impact*	*Less Than Significant with Mitigation Incorporated*	*Less Than Significant Impact*	*No Impact*
XXI. MANDATORY FINDINGS OF SIGNIFICANCE —				
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?	☒	☐	☐	☐
b) Does the project have impacts that are individually limited, but cumulatively considerable? ("Cumulatively considerable" means that the incremental effects of a project are considerable when viewed in connection with the effects of past projects, the effects of other current projects, and the effects of probable future projects)?	☒	☐	☐	☐
c) Does the project have environmental effects which will cause substantial adverse effects on human beings, either directly or indirectly?	☒	☐	☐	☐

Discussion

a) **Potentially Significant Impact**. As discussed throughout this Initial Study, the Project would have the potential to degrade the quality of the environment in terms of the following environmental topics: Aesthetics (conflict with applicable zoning or other regulations governing scenic quality, light/glare), Air Quality, Cultural Resources (archaeological), Energy, Geology and Soils (paleontological resources), Greenhouse Gas Emissions, Hazards and Hazardous Materials, Hydrology and Water Quality, Land Use and Planning (consistency with plans and policies), Noise, Population and Housing (unplanned growth), Public Services, Recreation, Transportation, Tribal Cultural Resources, and Utilities and Service Systems. Therefore, these topics will be evaluated further in the EIR.

As discussed in Response IV, the Project would not substantially reduce the habitat of fish or wildlife species, cause a fish or wildlife population to drop below self-sustaining levels, threaten to eliminate a plant or animal community, or reduce the number or restrict the range of a rare or endangered plant or animal.

As discussed in Responses V and VII.f, the Project would not adversely affect examples of California history (historic resources).

b) **Potentially Significant Impact.** The potential for cumulative impacts occurs when the independent impacts of a given Project are combined with the impacts of related projects in proximity to the Project site that would create impacts that are greater than those of the Project alone. Related projects include past, current, and/or probable future projects whose development could contribute to potentially significant cumulative impacts in conjunction with a given project.

Each of the topics determined to have the potential for significant impacts in this Initial Study will be subject to further evaluation in the EIR, including evaluation of the potential for cumulatively significant impacts. Topics for which Initial Study determinations were "No Impact" or "Less Than Significant Impact" have been determined not to have the potential for significant cumulative impacts, as discussed below.

As analyzed above, the Project would not have a significant impact on aesthetic resources related to scenic vistas and scenic resources within a state scenic highway. In addition, the City will review related projects on a case-by-case basis to ensure compliance with the ESMC requirements regarding building heights, setbacks, massing, and lighting, or, for those projects that require discretionary actions, to undergo site-specific review regarding building density and design. Therefore, the Project's contribution to aesthetics impacts (all but conflicts with applicable zoning or other regulations governing scenic quality) would not be cumulatively considerable. Thus, cumulative impacts would be less than significant.

As indicated in the analysis above, the Project site is located in an urbanized area and was previously developed with industrial buildings and associated paved surface parking. No agricultural or forestry uses are located on the Project site. In addition, the Project site is not designated as Prime Farmland, Unique Farmland, or Farmland of Statewide Importance by the Farmland Mapping and Monitoring Program, is not zoned for agriculture or forestry use, and is not under a Williamson Act contract. The same is true of related projects given their location within urbanized areas. However, even if some of the related projects are exceptions to the above, the Project would not convert farmland, forest land, or designated Farmland, would not conflict with existing zoning for agricultural or forestry use, and would not conflict with a Williamson Act contract. Therefore, the Project's contribution to agricultural and forestry resources would not be cumulatively considerable. Therefore, cumulative impacts would be less than significant.

With respect to Biological Resources, the Project would comply with the MBTA as indicated in Response IV.d, which would ensure that potential impacts to nesting birds would be reduced to a less than significant level. Impacts to sensitive plant and animal species would not be cumulatively considerable, as no such habitat occurs on the Project site. Biological resources are generally site-specific and need to be evaluated within the context of each individual project. Furthermore, related projects would be required to comply with existing regulatory requirements and the building permit review and approval process, which address these subjects. Thus, with compliance with these regulatory requirements and site-specific mitigation, as necessary, the Project's contribution to biological resources impacts would not be cumulatively considerable. Thus, cumulative impacts would be less than significant.

The Project would not result in direct or indirect impacts to historic resources and therefore, would not contribute to cumulative historic resources impacts. Impacts related to disturbance of human remains (as part of Cultural Resources) are site-specific and as such, are assessed on a site-by-site basis. As discussed previously, compliance with applicable regulatory protocols would ensure that impacts on human remains would be less than significant. It is anticipated that compliance with existing regulations would be incorporated into the approval of each related Project. Compliance with applicable regulatory requirements by the Project and related projects would ensure the Project does not contribute to cumulatively considerable impacts with regard to disturbance of human remains.

As analyzed above, the Project would result in less than significant impacts to geology and soils with regard to rupture of a known earthquake fault, seismic ground shaking, seismic-related ground failure, including liquefaction landslides, soil erosion or the loss of topsoil, ground and soil stability, expansive soils, soils supporting septic tanks or alternative waste systems, and paleontological resources. The Project site is not underlain by an active earthquake fault and, thus, would not contribute to cumulative seismic rupture impacts. Although seismic shaking would occur at the Project site as well as related project sites, applicable regulatory requirements require consideration of seismic loads in structural design for all related projects. As such, cumulative impacts associated with ground shaking would be less than significant. The Project site is not located within a State-designated hazard zone for liquefaction. The Project site is not prone to landslide hazards. As such, the Project would not cumulatively contribute to liquefaction or landslide impacts. While the loss of topsoil among the Project and related projects during construction could result in cumulative erosion impacts, the Project and related projects would be required to implement applicable local, regional and State regulations for grading and excavations during construction, including SWPPP requirements. The Project's contribution to potential cumulative impacts from lateral spreading, subsidence, liquefaction, or collapse would also be less than significant. The Project and related project sites are located in an urbanized area and would connect to existing wastewater infrastructure. Thus, the Project and related projects would not need to use septic tanks or alternative waste disposal systems and, as such, no cumulative impacts relative to waste disposal capacity would occur. Because the Project would not contribute considerably to geology and soils impacts, the Project's cumulative geology and soil impacts (except for paleontological resources) would be less than significant.

Because the Project site is not located within the vicinity of a private airstrip or an airport land use plan, the Project's contribution to cumulative impacts with regard to safety hazards or exposing people residing or working in the Project area to excessive noise levels would not be cumulatively considerable. Since the Project would ensure proper access on the roadways surrounding the Project site, the Project's contribution to cumulative impacts with regard to emergency evacuation plans would not be cumulatively considerable. Since the Project site located in a highly urbanized area, away from any designated fire hazard severity zones, the Project's contribution to cumulative impacts regarding wildfires would not be cumulatively considerable. Thus, cumulative impacts in this regard would be less than significant.

Impacts regarding physically dividing a community is site specific, and because the Project would have a less than significant impact on this topic, the Project's contribution would not be cumulatively considerable. Therefore, cumulative impacts would be less than significant.

As discussed above, the Project would have no impact on mineral resources. Because of the large number and broad extent of oil drilling districts and State-designated oil fields in the greater area, some of the related projects may be located within these designated areas. Regardless, because the Project would have no incremental contribution to the potential impact on mineral resources, the Project would have no cumulative impact on such resources.

With regard to telecommunications infrastructure, cumulative construction impacts associated with the installation of telecommunications infrastructure would primarily involve minor trenching in order to place telecommunications lines below the surface and/or connections to existing infrastructure. This trenching, if any, and the associated installation of such infrastructure would typically occur within the already developed sites and/or within the adjacent right-of-way and would be limited in extent and

temporary in nature. Prior to ground disturbance, Project contractors would coordinate with the City and utility company to identify the locations and depth of all lines, and the City/utility company would be notified in advance of proposed ground disturbance activities to avoid other existing utility lines and disruption of utility service. Further, a Construction Traffic Management Plan for each related project would be prepared in order to minimize disruptions to traffic flow, which would consider any related project-related utility improvements, as necessary. Lastly, any impacts associated with the construction of such infrastructure would be accounted for in the impact analysis for the Project and related projects in other sections of their respective CEQA documents (e.g., Air Quality, Noise, Transportation, etc.). Thus, cumulative impacts would be less than significant.

c) **Potentially Significant Impact**. As discussed in this Initial Study, the Project would have the potential to degrade the quality of the environment in terms of the following environmental topics: Aesthetics (conflict with applicable zoning or other regulations governing scenic quality, light/glare), Air Quality, Cultural Resources (archaeological), Energy, Geology and Soils (paleontological resources), Greenhouse Gas Emissions, Hazards and Hazardous Materials, Hydrology and Water Quality, Land Use and Planning (consistency with plans and policies), Noise, Population and Housing (unplanned growth), Public Services, Recreation, Transportation, Tribal Cultural Resources, and Utilities and Service Systems. It is recommended that Project impacts for these topics be evaluated further in the EIR.

Appendix A
Tree Report

Prepared For:

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Prepared By:

Mr. Kelly Lewis

American Society of Consulting Arborist RCA #669

American Society of Consulting Arborist Tree and Plant Appraisal Qualification

International Society of Arboriculture Certified Arborist # WE-4395

International Society of Arboriculture Tree Risk Assessor Qualified

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June 18, 2024

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Introduction

Background

Mr. Jim Woods, on behalf of the owner, contacted me on May 20, 2024, regarding a project on a property in El Segundo Ca. An Environmental Impact Report (EIR) is required for the purposed redevelopment of the property to residential use. As a licensed arborist, I have been engaged to complete a tree survey for use by the City and its consultants as part of the EIR.

Assignment

Mr. Jim Woods requested me to provide the following services:

- Visit the site and inventory all the trees on the property.
- Submit a formal written tree report that can be submitted to city planning.

Limits of Assignment

In the terms of my assignment, my inspection is limited to a ground-level visual inspection of the subject trees. My evaluation is based solely upon my inspection of the trees on June 18, 2024.

Purpose and Use of this Report

The purpose of this report is to document my observations and opinions concerning the health and structural condition of the subject trees. Also, to provide a tree report that contains an inventory of trees on the subject property. This report can be relied upon by the City of El Segundo and its consultants.

Observations

Site

On June 18, 2024, I conducted a site visit at 1521 E Grand Ave El Segundo, CA 90245. The site is within City of El Segundo and the County of Los Angeles. The subject property is South of the 105 Freeway and PCH to the East.

The lot is currently vacant with the previous structure having been demolished with only the foundations and parking areas remaining.

The lot has street access on 4 sides. Grand Ave to the South, Holly Ave to the North, Kansas St on the West and Washington St on the East side.

The subject trees are along Grand Ave, Kansas St and Washington St. No trees along Holly Ave. There is one tree inside the property closer to the Kansas St side. **(See Tree Locations in Appendix A)**

The Trees

The data on the tree was collected on June 18, 2024. The trees were measured for diameter at standard height (DSH) of 4.5 feet. The canopy was assessed for height and spread. The health and vigor of trees was evaluated. There are a total of **39 trees** currently on this property.

The tree was not tagged with numbers but will be referred to as #s 1-39.

There are no protected trees on this property.

There are no Heritage trees on this property.

There are no canopies of protected trees over this property.

Concurrent with my visual inspection, I took photographs of the site for reference. **See Appendix B, Summary of Trees).**

Trees (both single and multi-stem) are assigned a health and vigor rating based on a summary of the condition of roots, trunk, scaffold branches, small branches and twigs and foliage according to the *International Society of Arboriculture Guide to Judging Plant Health.* Each factor was given a point score according to the guidelines (5 being the high score, 1 the worst). The total value was divided by 25 (the maximum amount of points possible) and multiplied by 100 to obtain a percent rating.

Excellent "A" (90-100%) – A healthy and vigorous tree characteristics of its species and reasonably free of any visible signs of stress, disease or pest infestation.

Good "B" (70-89%) - A healthy and vigorous tree characteristics of its species with less than 25% of the tree affected by visible signs of stress, disease or pest infestation.

Fair "C" (50-69%) – A healthy and vigorous tree characteristics of its species with 25-75% of the tree affected by visible signs of stress, disease or pest infestation.

Poor "D" (25-49%) – Greater than 75% of the tree is affected by visible signs of stress, disease or pest and appears to be in a general state of decline.

Very Poor/ Dead "F" (0-24%) – The tree exhibits few, if any, signs of life.

Table of summary of trees: 1521 E Grand Ave El Segundo, Ca 90245.

Tree Id	Common Name	Scientific Name	Health and Vigor Rating (%)	Condition	Tree Height (Estimated)	DBH	DBH Stem 1	DBH Stem 2	DBH Stem 3	Crown Spread (North)	Crown Spread (North-West)	Crown Spread (North-East)	Crown Spread (South)	Crown Spread (South-West)	Crown Spread (South-East)	Crown Spread (East)	Crown Spread (West)	Observations-Characteristics	Physical Conditions	Observation Comments
1	Brisbane box	Tristaniopsis conferta	80	B, Good, (70-89%)	16	12				5	6	6	8	7	7	9	8		Concrete / Asphalt over Root System, Limited Growing Space	
2	Brisbane box	Tristaniopsis conferta	70	B, Good, (70-89%)	12		6	5	4	7	7	8	6	7	7	8	7	Co-dominant tree	Concrete / Asphalt over Root System, Limited Growing Space	
3	Brisbane box	Tristaniopsis conferta	75	B, Good, (70-89%)	3	8				4	4	4	4	4	4	4	4		Concrete / Asphalt over Root System, Limited Growing Space	
4	Windmill palm	Trachycarpus fortunei	70	B, Good, (70-89%)	6	8				3	3	3	3	3	3	3	3		Limited Growing Space	
5	Carrotwood	Cupaniopsis anacardioides	65	C, Fair, (50-69%)	8		3	3		4	4	4	5	4	4	3	4		Concrete / Asphalt over Root System, Limited Growing Space	
6	Brisbane box	Tristaniopsis conferta	75	B, Good, (70-89%)	16	14				8	8	8	13	12	11	8	7		Concrete / Asphalt over Root System, Limited Growing Space	
7	Brisbane box	Tristaniopsis conferta	70	B, Good, (70-89%)	14	10				7	7	8	10	9	9	8	8		Concrete / Asphalt over Root System, Limited Growing Space	
8	Brisbane box	Tristaniopsis conferta	70	B, Good, (70-89%)	10	12				10	8	8	11	11	11	7	7		Concrete / Asphalt over Root System, Limited Growing Space	
9	Brisbane box	Tristaniopsis conferta	70	B, Good, (70-89%)	9	5				4	5	4	5	5	5	4	4		Concrete / Asphalt over Root System, Limited Growing Space	
10	Brisbane box	Tristaniopsis conferta	60	C, Fair, (50-69%)	9	4				0	2	0	7	4	4	2	4		Concrete / Asphalt over Root System, Limited Growing Space	

Tree Id	Common Name	Scientific Name	Health and Vigor Rating (%)	Condition	Tree Height (Estimated)	DBH	DBH Stem 1	DBH Stem 2	DBH Stem 3	Crown Spread (North)	Crown Spread (North-West)	Crown Spread (North-East)	Crown Spread (South)	Crown Spread (South-West)	Crown Spread (South-East)	Crown Spread (East)	Crown Spread (West)	Observations-Characteristics	Physical Conditions	Observation Comments
11	Indian laurel fig	Ficus retusa ssp. nitida	60	C, Fair, (50-69%)	22	23				11	12	12	20	20	20	22	15		Concrete / Asphalt over Root System, Existing in Tree Well, Limited Growing Space	
12	Carrotwood	Cupaniopsis anacardioides	60	C, Fair, (50-69%)	14		5	4		4	4	4	8	5	3	3	3	Co-dominant tree	Concrete / Asphalt over Root System, Limited Growing Space	
13	Indian laurel fig	Ficus retusa ssp. nitida	65	C, Fair, (50-69%)	23	24				13	13	11	4	13	4	4	16		Concrete / Asphalt over Root System, Limited Growing Space	
14	Indian laurel fig	Ficus retusa ssp. nitida	65	C, Fair, (50-69%)	21	19				4	13	6	13	13	4	4	16		Concrete / Asphalt over Root System, Limited Growing Space	
15	Brazilian pepper	Schinus terebinthifolius	0	F, Very Poor/Dead, (0-24%)	8	6				0	0	0	0	0	0	0	0			
16	Indian laurel fig	Ficus retusa ssp. nitida	60	C, Fair, (50-69%)	21		11	9		9	13	6	0	14	4	4	15		Concrete / Asphalt over Root System, Limited Growing Space	
17	Melaleuca	Melaleuca styphelioides	70	B, Good, (70-89%)	13	8				4	0	4	5	0	6	8	0		Concrete / Asphalt over Root System, Limited Growing Space	
18	Brazilian pepper	Schinus terebinthifolius	65	C, Fair, (50-69%)	18	11				0	2	2	4	8	4	9	6		Concrete / Asphalt over Root System, Limited Growing Space	
19	Indian laurel fig	Ficus retusa ssp. nitida	60	C, Fair, (50-69%)	18	11				7	4	4	15	10	6	5	7		Concrete / Asphalt over Root System, Limited Growing Space	Under Overhead power lines.
20	Indian laurel fig	Ficus retusa ssp. nitida	60	C, Fair, (50-69%)	18	14				7	4	4	15	10	6	5	7		Concrete / Asphalt over Root System, Limited Growing Space	Under Overhead power lines.

Tree Id	Common Name	Scientific Name	Health and Vigor Rating (%)	Condition	Tree Height (Estimated)	DBH	DBH Stem 1	DBH Stem 2	DBH Stem 3	Crown Spread (North)	Crown Spread (North-West)	Crown Spread (North-East)	Crown Spread (South)	Crown Spread (South-West)	Crown Spread (South-East)	Crown Spread (East)	Crown Spread (West)	Observations-Characteristics	Physical Conditions	Observation Comments
21	Indian laurel fig	Ficus retusa ssp. nitida	60	C, Fair, (50-69%)	18		10	10		0	0	0	12	7	4	4	5		Concrete / Asphalt over Root System, Limited Growing Space	Under Overhead power lines.
22	Indian laurel fig	Ficus retusa ssp. nitida	60	C, Fair, (50-69%)	18	14.1				8	3	4	9	7	4	4	5		Concrete / Asphalt over Root System, Limited Growing Space	Under Overhead power lines.
23	Indian laurel fig	Ficus retusa ssp. nitida	60	C, Fair, (50-69%)	18	12				10	10	5	7	74	7	4	5		Concrete / Asphalt over Root System, Limited Growing Space	Under Overhead power lines.
24	Melaleuca	Melaleuca styphelioides	65	C, Fair, (50-69%)	18	13				7	2	4	5	2	0	4	4		Concrete / Asphalt over Root System, Limited Growing Space	.Under overhead power lines.
25	Indian laurel fig	Ficus retusa ssp. nitida	60	C, Fair, (50-69%)	18	14.1				8	7	4	7	7	4	7	7		Concrete / Asphalt over Root System, Limited Growing Space	Under Overhead power lines.
26	Indian laurel fig	Ficus retusa ssp. nitida	60	C, Fair, (50-69%)	18		12	11		5	6	5	6	7	9	8	7		Concrete / Asphalt over Root System, Limited Growing Space	Under Overhead power lines.
27	Indian laurel fig	Ficus retusa ssp. nitida	60	C, Fair, (50-69%)	18	19				10	6	9	16	7	9	8	7		Concrete / Asphalt over Root System, Limited Growing Space	Under Overhead power lines.
28	Melaleuca	Melaleuca styphelioides	75	B, Good, (70-89%)	18	12				8	5	5	7	6	6	5	6		Concrete / Asphalt over Root System, Limited Growing Space	Under overhead power lines.
29	Indian laurel fig	Ficus retusa ssp. nitida	60	C, Fair, (50-69%)	18	18				10	8	8	7	7	7	7	8		Concrete / Asphalt over Root System, Limited Growing Space	Under overhead power lines. -
30	Indian laurel fig	Ficus retusa ssp. nitida	60	C, Fair, (50-69%)	18	21				10	12	8	7	10	7	7	14		Concrete / Asphalt over Root System, Limited Growing Space	Under overhead power lines. -

Tree Id	Common Name	Scientific Name	Health and Vigor Rating (%)	Condition	Tree Height (Estimated)	DBH	DBH Stem 1	DBH Stem 2	DBH Stem 3	Crown Spread (North)	Crown Spread (North-West)	Crown Spread (North-East)	Crown Spread (South)	Crown Spread (South-West)	Crown Spread (South-East)	Crown Spread (East)	Crown Spread (West)	Observations-Characteristics	Physical Conditions	Observation Comments
31	Indian laurel fig	Ficus retusa ssp. nitida	60	C, Fair, (50-69%)	18	20				8	7	7	13	11	13	7	10		Concrete / Asphalt over Root System, Limited Growing Space	Under overhead power lines.
32	Brisbane box	Tristaniopsis conferta	60	C, Fair, (50-69%)	12	8				5	5	5	3	3	3	4	5		Concrete / Asphalt over Root System, Limited Growing Space	
33	Brisbane box	Tristaniopsis conferta	70	B, Good, (70-89%)	15	11				5	5	6	4	5	5	9	7		Concrete / Asphalt over Root System, Limited Growing Space	
34	Brisbane box	Tristaniopsis conferta	60	C, Fair, (50-69%)	13	9				4	4	4	7	5	8	13	7		Concrete / Asphalt over Root System, Limited Growing Space	
35	Gum	Eucalyptus species	0	F, Very Poor/Dead, (0-24%)	22	18				9	9	8	10	10	10	14	10		Concrete / Asphalt over Root System, Limited Growing Space	
36	Gum	Eucalyptus species	0	F, Very Poor/Dead, (0-24%)	22	18				9	9	4	10	10	4	2	10		Concrete / Asphalt over Root System, Limited Growing Space	
37	Brisbane box	Tristaniopsis conferta	80	B, Good, (70-89%)	12	7				5	4	4	5	4	4	4	5		Concrete / Asphalt over Root System, Limited Growing Space	
38	Gum	Eucalyptus species	0	F, Very Poor/Dead, (0-24%)	16	18				4	6	6	7	8	8	9	3		Concrete / Asphalt over Root System, Limited Growing Space	
39	Gum	Eucalyptus species	0	F, Very Poor/Dead, (0-24%)	16	23				6	5	6	7	10	8	6	13		Concrete / Asphalt over Root System, Limited Growing Space	

Respectfully submitted,

Kelly Lewis
ASCA Registered Consulting Arborist #669
ISA Certified Arborist WC-4395
ISA Certified Tree Worked 1430C
ISA Tree Risk Assessor Qualified
ASCA Tree and Plant Appraisal Qualified



Appendix A - Tree locations





- Brazilian pepper (2)
- Brisbane box (12)
- Carrotwood (2)
- Gum (4)
- Indian laurel fig (15)
- Melaleuca (3)
- Windmill palm

Tree Summary Report

June 21, 2024 |
Total Tree Count: 39

Filters Applied

Client Site Filter:
(Client Site=1521 E Grand Ave)

Brisbane box Tree ID #1

Tree Details	
Tree Tag Number:	
Scientific Name:	Tristaniopsis conferta
DBH:	12
Number of Stems (Multi Calc):	1
Tree Height (Estimated):	16
Condition:	B, Good, (70-89%)
Health and Vigor Rating (%):	80
Crown Spread (North):	5
Crown Spread (South):	8
Crown Spread (East):	9
Crown Spread (West):	8
Observations-Characteristics:	
Physical Conditions:	Concrete / Asphalt over Root System, Limited Growing Space
Observations-Biotic Pest:	
Observation Comments:	
Priority:	

Tree Maintenance
Remove Tree? / Monitor Health?:
Remove Tree Due to ?:
Inspection Cycle:
Notes:

Photos



image.jpg
6/18/2024

Brisbane box Tree ID #2

Tree Details

Tree Tag Number:	
Scientific Name:	Tristaniopsis conferta
DBH:	
Number of Stems (Multi Calc):	Multiple Stems
Tree Height (Estimated):	12
Condition:	B, Good, (70-89%)
Health and Vigor Rating (%):	70
Crown Spread (North):	7
Crown Spread (South):	6
Crown Spread (East):	8
Crown Spread (West):	7
Observations-Characteristics:	Co-dominant tree
Physical Conditions:	Limited Growing Space, Concrete / Asphalt over Root System
Observations-Biotic Pest:	
Observation Comments:	
Priority:	

Tree Maintenance

Remove Tree? / Monitor Health?:	
Remove Tree Due to ?:	
Inspection Cycle:	
Notes:	

Photos



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Brisbane box Tree ID #3

Tree Details

Tree Tag Number:	
Scientific Name:	Tristaniopsis conferta
DBH:	8
Number of Stems (Multi Calc):	1
Tree Height (Estimated):	3
Condition:	B, Good, (70-89%)
Health and Vigor Rating (%):	75
Crown Spread (North):	4
Crown Spread (South):	4
Crown Spread (East):	4
Crown Spread (West):	4
Observations-Characteristics:	
Physical Conditions:	Limited Growing Space, Concrete / Asphalt over Root System
Observations-Biotic Pest:	
Observation Comments:	
Priority:	

Tree Maintenance

Remove Tree? / Monitor Health?:	
Remove Tree Due to ?:	
Inspection Cycle:	
Notes:	

Photos



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6/18/2024

Windmill palm Tree ID #4

Tree Details

Tree Tag Number:	
Scientific Name:	Trachycarpus fortunei
DBH:	8
Number of Stems (Multi Calc):	1
Tree Height (Estimated):	6
Condition:	B, Good, (70-89%)
Health and Vigor Rating (%):	70
Crown Spread (North):	3
Crown Spread (South):	3
Crown Spread (East):	3
Crown Spread (West):	3
Observations-Characteristics:	
Physical Conditions:	Limited Growing Space
Observations-Biotic Pest:	
Observation Comments:	
Priority:	

Tree Maintenance

Remove Tree? / Monitor Health?:
Remove Tree Due to ?:
Inspection Cycle:
Notes:

Photos



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6/18/2024

Carrotwood Tree ID #5
301 Kansas Street

Tree Details

Tree Tag Number:	
Scientific Name:	Cupaniopsis anacardioides
DBH:	
Number of Stems (Multi Calc):	Multiple Stems
Tree Height (Estimated):	8
Condition:	C, Fair, (50-69%)
Health and Vigor Rating (%):	65
Crown Spread (North):	4
Crown Spread (South):	5
Crown Spread (East):	3
Crown Spread (West):	4
Observations-Characteristics:	
Physical Conditions:	Concrete / Asphalt over Root System, Limited Growing Space
Observations-Biotic Pest:	
Observation Comments:	
Priority:	

Tree Maintenance

Remove Tree? / Monitor Health?:	
Remove Tree Due to ?:	
Inspection Cycle:	
Notes:	

Photos



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6/18/2024

Brisbane box Tree ID #6

301D Kansas Street

Tree Details

Tree Tag Number:	
Scientific Name:	Tristaniopsis conferta
DBH:	14
Number of Stems (Multi Calc):	1
Tree Height (Estimated):	16
Condition:	B, Good, (70-89%)
Health and Vigor Rating (%):	75
Crown Spread (North):	8
Crown Spread (South):	13
Crown Spread (East):	8
Crown Spread (West):	7
Observations-Characteristics:	
Physical Conditions:	Concrete / Asphalt over Root System, Limited Growing Space
Observations-Biotic Pest:	
Observation Comments:	
Priority:	

Tree Maintenance

Remove Tree? / Monitor Health?:	
Remove Tree Due to ?:	
Inspection Cycle:	
Notes:	

Photos



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Brisbane box Tree ID #7

301D Kansas Street

Tree Details

Tree Tag Number:	
Scientific Name:	Tristaniopsis conferta
DBH:	10
Number of Stems (Multi Calc):	1
Tree Height (Estimated):	14
Condition:	B, Good, (70-89%)
Health and Vigor Rating (%):	70
Crown Spread (North):	7
Crown Spread (South):	10
Crown Spread (East):	8
Crown Spread (West):	8
Observations-Characteristics:	
Physical Conditions:	Limited Growing Space, Concrete / Asphalt over Root System
Observations-Biotic Pest:	
Observation Comments:	
Priority:	

Tree Maintenance

Remove Tree? / Monitor Health?:	
Remove Tree Due to ?:	
Inspection Cycle:	
Notes:	

Photos



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6/18/2024

Brisbane box Tree ID #8

1498 Elin Pointe Drive

Tree Details

Tree Tag Number:	
Scientific Name:	Tristaniopsis conferta
DBH:	12
Number of Stems (Multi Calc):	1
Tree Height (Estimated):	10
Condition:	B, Good, (70-89%)
Health and Vigor Rating (%):	70
Crown Spread (North):	10
Crown Spread (South):	11
Crown Spread (East):	7
Crown Spread (West):	7
Observations-Characteristics:	
Physical Conditions:	Limited Growing Space, Concrete / Asphalt over Root System
Observations-Biotic Pest:	
Observation Comments:	
Priority:	

Tree Maintenance

Remove Tree? / Monitor Health?:	
Remove Tree Due to ?:	
Inspection Cycle:	
Notes:	

Photos



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6/18/2024

Brisbane box Tree ID #9

1488 Elin Pointe Drive

Tree Details

Tree Tag Number:	
Scientific Name:	Tristaniopsis conferta
DBH:	5
Number of Stems (Multi Calc):	1
Tree Height (Estimated):	9
Condition:	B, Good, (70-89%)
Health and Vigor Rating (%):	70
Crown Spread (North):	4
Crown Spread (South):	5
Crown Spread (East):	4
Crown Spread (West):	4
Observations-Characteristics:	
Physical Conditions:	Concrete / Asphalt over Root System, Limited Growing Space
Observations-Biotic Pest:	
Observation Comments:	
Priority:	

Tree Maintenance

Remove Tree? / Monitor Health?:	
Remove Tree Due to ?:	
Inspection Cycle:	
Notes:	

Photos



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6/18/2024

Brisbane box Tree ID #10

1488 Elin Pointe Drive

Tree Details

Tree Tag Number:	
Scientific Name:	Tristaniopsis conferta
DBH:	4
Number of Stems (Multi Calc):	1
Tree Height (Estimated):	9
Condition:	C, Fair, (50-69%)
Health and Vigor Rating (%):	60
Crown Spread (North):	0
Crown Spread (South):	7
Crown Spread (East):	2
Crown Spread (West):	4
Observations-Characteristics:	
Physical Conditions:	Concrete / Asphalt over Root System, Limited Growing Space
Observations-Biotic Pest:	
Observation Comments:	
Priority:	

Tree Maintenance

Remove Tree? / Monitor Health?:	
Remove Tree Due to ?:	
Inspection Cycle:	
Notes:	

Photos



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6/18/2024

Indian laurel fig Tree ID #11

1488 Elin Pointe Drive

Tree Details

Tree Tag Number:	
Scientific Name:	Ficus retusa ssp. nitida
DBH:	23
Number of Stems (Multi Calc):	1
Tree Height (Estimated):	22
Condition:	C, Fair, (50-69%)
Health and Vigor Rating (%):	60
Crown Spread (North):	11
Crown Spread (South):	20
Crown Spread (East):	22
Crown Spread (West):	15
Observations-Characteristics:	
Physical Conditions:	Existing in Tree Well, Concrete / Asphalt over Root System, Limited Growing Space
Observations-Biotic Pest:	
Observation Comments:	
Priority:	

Tree Maintenance

Remove Tree? / Monitor Health?:	
Remove Tree Due to ?:	
Inspection Cycle:	
Notes:	

Photos



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6/18/2024

Carrotwood Tree ID #12

348 Kansas Street

Tree Details

Tree Tag Number:	
Scientific Name:	Cupaniopsis anacardioides
DBH:	
Number of Stems (Multi Calc):	Multiple Stems
Tree Height (Estimated):	14
Condition:	C, Fair, (50-69%)
Health and Vigor Rating (%):	60
Crown Spread (North):	4
Crown Spread (South):	8
Crown Spread (East):	3
Crown Spread (West):	3
Observations-Characteristics:	Co-dominant tree
Physical Conditions:	Concrete / Asphalt over Root System, Limited Growing Space
Observations-Biotic Pest:	
Observation Comments:	
Priority:	

Tree Maintenance

Remove Tree? / Monitor Health?:	
Remove Tree Due to ?:	
Inspection Cycle:	
Notes:	

Photos



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6/18/2024

Indian laurel fig Tree ID #13

401 Washington Street

Tree Details

Tree Tag Number:	
Scientific Name:	Ficus retusa ssp. nitida
DBH:	24
Number of Stems (Multi Calc):	1
Tree Height (Estimated):	23
Condition:	C, Fair, (50-69%)
Health and Vigor Rating (%):	65
Crown Spread (North):	13
Crown Spread (South):	4
Crown Spread (East):	4
Crown Spread (West):	16
Observations-Characteristics:	
Physical Conditions:	Limited Growing Space, Concrete / Asphalt over Root System
Observations-Biotic Pest:	
Observation Comments:	
Priority:	

Tree Maintenance

Remove Tree? / Monitor Health?:	
Remove Tree Due to ?:	
Inspection Cycle:	
Notes:	

Photos



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6/18/2024

Indian laurel fig Tree ID #14

401 Washington Street

Tree Details

Tree Tag Number:	
Scientific Name:	Ficus retusa ssp. nitida
DBH:	19
Number of Stems (Multi Calc):	1
Tree Height (Estimated):	21
Condition:	C, Fair, (50-69%)
Health and Vigor Rating (%):	65
Crown Spread (North):	4
Crown Spread (South):	13
Crown Spread (East):	4
Crown Spread (West):	16
Observations-Characteristics:	
Physical Conditions:	Concrete / Asphalt over Root System, Limited Growing Space
Observations-Biotic Pest:	
Observation Comments:	
Priority:	

Tree Maintenance

Remove Tree? / Monitor Health?:	
Remove Tree Due to ?:	
Inspection Cycle:	
Notes:	

Photos



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6/18/2024

Brazilian pepper Tree ID #15

348 Washington Street

Tree Details

Tree Tag Number:	
Scientific Name:	Schinus terebinthifolius
DBH:	6
Number of Stems (Multi Calc):	1
Tree Height (Estimated):	8
Condition:	F, Very Poor/Dead, (0-24%)
Health and Vigor Rating (%):	0
Crown Spread (North):	0
Crown Spread (South):	0
Crown Spread (East):	0
Crown Spread (West):	0
Observations-Characteristics:	
Physical Conditions:	
Observations-Biotic Pest:	
Observation Comments:	
Priority:	

Tree Maintenance

Remove Tree? / Monitor Health?:	
Remove Tree Due to ?:	
Inspection Cycle:	
Notes:	

Photos



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6/18/2024

Indian laurel fig Tree ID #16

348 Washington Street

Tree Details

Tree Tag Number:	
Scientific Name:	Ficus retusa ssp. nitida
DBH:	
Number of Stems (Multi Calc):	Multiple Stems
Tree Height (Estimated):	21
Condition:	C, Fair, (50-69%)
Health and Vigor Rating (%):	60
Crown Spread (North):	9
Crown Spread (South):	0
Crown Spread (East):	4
Crown Spread (West):	15
Observations-Characteristics:	
Physical Conditions:	Concrete / Asphalt over Root System, Limited Growing Space
Observations-Biotic Pest:	
Observation Comments:	
Priority:	

Tree Maintenance

Remove Tree? / Monitor Health?:	
Remove Tree Due to ?:	
Inspection Cycle:	
Notes:	

Photos



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6/18/2024

Melaleuca Tree ID #17

330 Kansas Street

Tree Details

Tree Tag Number:	
Scientific Name:	Melaleuca styphelioides
DBH:	8
Number of Stems (Multi Calc):	1
Tree Height (Estimated):	13
Condition:	B, Good, (70-89%)
Health and Vigor Rating (%):	70
Crown Spread (North):	4
Crown Spread (South):	5
Crown Spread (East):	8
Crown Spread (West):	0
Observations-Characteristics:	
Physical Conditions:	Limited Growing Space, Concrete / Asphalt over Root System
Observations-Biotic Pest:	
Observation Comments:	
Priority:	

Tree Maintenance

Remove Tree? / Monitor Health?:	
Remove Tree Due to ?:	
Inspection Cycle:	
Notes:	

Photos



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6/18/2024

Brazilian pepper Tree ID #18

330 Kansas Street

Tree Details

Tree Tag Number:	
Scientific Name:	Schinus terebinthifolius
DBH:	11
Number of Stems (Multi Calc):	1
Tree Height (Estimated):	18
Condition:	C, Fair, (50-69%)
Health and Vigor Rating (%):	65
Crown Spread (North):	0
Crown Spread (South):	4
Crown Spread (East):	9
Crown Spread (West):	6
Observations-Characteristics:	
Physical Conditions:	Limited Growing Space, Concrete / Asphalt over Root System
Observations-Biotic Pest:	
Observation Comments:	
Priority:	

Tree Maintenance

Remove Tree? / Monitor Health?:	
Remove Tree Due to ?:	
Inspection Cycle:	
Notes:	

Photos



image.jpg
6/18/2024

Indian laurel fig Tree ID #19

330 Kansas Street

Tree Details

Tree Tag Number:	
Scientific Name:	Ficus retusa ssp. nitida
DBH:	11
Number of Stems (Multi Calc):	1
Tree Height (Estimated):	18
Condition:	C, Fair, (50-69%)
Health and Vigor Rating (%):	60
Crown Spread (North):	7
Crown Spread (South):	15
Crown Spread (East):	5
Crown Spread (West):	7
Observations-Characteristics:	
Physical Conditions:	Limited Growing Space, Concrete / Asphalt over Root System
Observations-Biotic Pest:	
Observation Comments:	Under Overhead power lines.
Priority:	

Tree Maintenance

Remove Tree? / Monitor Health?:	
Remove Tree Due to ?:	
Inspection Cycle:	
Notes:	

Photos



image.jpg
6/18/2024

Indian laurel fig Tree ID #20

330 Kansas Street

Tree Details

Tree Tag Number:	
Scientific Name:	Ficus retusa ssp. nitida
DBH:	14
Number of Stems (Multi Calc):	1
Tree Height (Estimated):	18
Condition:	C, Fair, (50-69%)
Health and Vigor Rating (%):	60
Crown Spread (North):	7
Crown Spread (South):	15
Crown Spread (East):	5
Crown Spread (West):	7
Observations-Characteristics:	
Physical Conditions:	Concrete / Asphalt over Root System, Limited Growing Space
Observations-Biotic Pest:	
Observation Comments:	Under Overhead power lines.
Priority:	

Tree Maintenance

Remove Tree? / Monitor Health?:	
Remove Tree Due to ?:	
Inspection Cycle:	
Notes:	

Photos



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Indian laurel fig Tree ID #21

330 Kansas Street

Tree Details

Tree Tag Number:	
Scientific Name:	Ficus retusa ssp. nitida
DBH:	
Number of Stems (Multi Calc):	Multiple Stems
Tree Height (Estimated):	18
Condition:	C, Fair, (50-69%)
Health and Vigor Rating (%):	60
Crown Spread (North):	0
Crown Spread (South):	12
Crown Spread (East):	4
Crown Spread (West):	5
Observations-Characteristics:	
Physical Conditions:	Limited Growing Space, Concrete / Asphalt over Root System
Observations-Biotic Pest:	
Observation Comments:	Under Overhead power lines.
Priority:	

Tree Maintenance

Remove Tree? / Monitor Health?:	
Remove Tree Due to ?:	
Inspection Cycle:	
Notes:	

Photos



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Indian laurel fig Tree ID #22

330 Kansas Street

Tree Details

Tree Tag Number:	
Scientific Name:	Ficus retusa ssp. nitida
DBH:	14.14
Number of Stems (Multi Calc):	1
Tree Height (Estimated):	18
Condition:	C, Fair, (50-69%)
Health and Vigor Rating (%):	60
Crown Spread (North):	8
Crown Spread (South):	9
Crown Spread (East):	4
Crown Spread (West):	5
Observations-Characteristics:	
Physical Conditions:	Concrete / Asphalt over Root System, Limited Growing Space
Observations-Biotic Pest:	
Observation Comments:	Under Overhead power lines.
Priority:	

Tree Maintenance

Remove Tree? / Monitor Health?:	
Remove Tree Due to ?:	
Inspection Cycle:	
Notes:	

Photos



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Indian laurel fig Tree ID #23

330 Kansas Street

Tree Details

Tree Tag Number:	
Scientific Name:	Ficus retusa ssp. nitida
DBH:	12
Number of Stems (Multi Calc):	1
Tree Height (Estimated):	18
Condition:	C, Fair, (50-69%)
Health and Vigor Rating (%):	60
Crown Spread (North):	10
Crown Spread (South):	7
Crown Spread (East):	4
Crown Spread (West):	5
Observations-Characteristics:	
Physical Conditions:	Limited Growing Space, Concrete / Asphalt over Root System
Observations-Biotic Pest:	
Observation Comments:	Under Overhead power lines.
Priority:	

Tree Maintenance

Remove Tree? / Monitor Health?:	
Remove Tree Due to ?:	
Inspection Cycle:	
Notes:	

Photos



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Melaleuca Tree ID #24

332 Washington Street

Tree Details

Tree Tag Number:	
Scientific Name:	Melaleuca styphelioides
DBH:	13
Number of Stems (Multi Calc):	1
Tree Height (Estimated):	18
Condition:	C, Fair, (50-69%)
Health and Vigor Rating (%):	65
Crown Spread (North):	7
Crown Spread (South):	5
Crown Spread (East):	4
Crown Spread (West):	4
Observations-Characteristics:	
Physical Conditions:	Concrete / Asphalt over Root System, Limited Growing Space
Observations-Biotic Pest:	
Observation Comments:	.Under overhead power lines.
Priority:	

Tree Maintenance

Remove Tree? / Monitor Health?:	
Remove Tree Due to ?:	
Inspection Cycle:	
Notes:	

Photos



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Indian laurel fig Tree ID #25

332 Washington Street

Tree Details

Tree Tag Number:	
Scientific Name:	Ficus retusa ssp. nitida
DBH:	14.14
Number of Stems (Multi Calc):	1
Tree Height (Estimated):	18
Condition:	C, Fair, (50-69%)
Health and Vigor Rating (%):	60
Crown Spread (North):	8
Crown Spread (South):	7
Crown Spread (East):	7
Crown Spread (West):	7
Observations-Characteristics:	
Physical Conditions:	Limited Growing Space, Concrete / Asphalt over Root System
Observations-Biotic Pest:	
Observation Comments:	Under Overhead power lines.
Priority:	

Tree Maintenance

Remove Tree? / Monitor Health?:	
Remove Tree Due to ?:	
Inspection Cycle:	
Notes:	

Photos



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Indian laurel fig Tree ID #26

332 Washington Street

Tree Details

Tree Tag Number:	
Scientific Name:	Ficus retusa ssp. nitida
DBH:	
Number of Stems (Multi Calc):	Multiple Stems
Tree Height (Estimated):	18
Condition:	C, Fair, (50-69%)
Health and Vigor Rating (%):	60
Crown Spread (North):	5
Crown Spread (South):	6
Crown Spread (East):	8
Crown Spread (West):	7
Observations-Characteristics:	
Physical Conditions:	Limited Growing Space, Concrete / Asphalt over Root System
Observations-Biotic Pest:	
Observation Comments:	Under Overhead power lines.
Priority:	

Tree Maintenance

Remove Tree? / Monitor Health?:	
Remove Tree Due to ?:	
Inspection Cycle:	
Notes:	

Photos



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Indian laurel fig Tree ID #27

332 Washington Street

Tree Details

Tree Tag Number:	
Scientific Name:	Ficus retusa ssp. nitida
DBH:	19
Number of Stems (Multi Calc):	1
Tree Height (Estimated):	18
Condition:	C, Fair, (50-69%)
Health and Vigor Rating (%):	60
Crown Spread (North):	10
Crown Spread (South):	16
Crown Spread (East):	8
Crown Spread (West):	7
Observations-Characteristics:	
Physical Conditions:	Limited Growing Space, Concrete / Asphalt over Root System
Observations-Biotic Pest:	
Observation Comments:	Under Overhead power lines.
Priority:	

Tree Maintenance

Remove Tree? / Monitor Health?:	
Remove Tree Due to ?:	
Inspection Cycle:	
Notes:	

Photos



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Melaleuca Tree ID #28

332 Washington Street

Tree Details

Tree Tag Number:	
Scientific Name:	Melaleuca styphelioides
DBH:	12
Number of Stems (Multi Calc):	1
Tree Height (Estimated):	18
Condition:	B, Good, (70-89%)
Health and Vigor Rating (%):	75
Crown Spread (North):	8
Crown Spread (South):	7
Crown Spread (East):	5
Crown Spread (West):	6
Observations-Characteristics:	
Physical Conditions:	Concrete / Asphalt over Root System, Limited Growing Space
Observations-Biotic Pest:	
Observation Comments:	Under overhead power lines.
Priority:	

Tree Maintenance

Remove Tree? / Monitor Health?:	
Remove Tree Due to ?:	
Inspection Cycle:	
Notes:	

Photos



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6/18/2024

Indian laurel fig Tree ID #29

332 Washington Street

Tree Details

Tree Tag Number:	
Scientific Name:	Ficus retusa ssp. nitida
DBH:	18
Number of Stems (Multi Calc):	1
Tree Height (Estimated):	18
Condition:	C, Fair, (50-69%)
Health and Vigor Rating (%):	60
Crown Spread (North):	10
Crown Spread (South):	7
Crown Spread (East):	7
Crown Spread (West):	8
Observations-Characteristics:	
Physical Conditions:	Limited Growing Space, Concrete / Asphalt over Root System
Observations-Biotic Pest:	
Observation Comments:	Under overhead power lines. -
Priority:	

Tree Maintenance

Remove Tree? / Monitor Health?:	
Remove Tree Due to ?:	
Inspection Cycle:	
Notes:	

Photos



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6/18/2024

Indian laurel fig Tree ID #30

332 Washington Street

Tree Details

Tree Tag Number:	
Scientific Name:	Ficus retusa ssp. nitida
DBH:	21
Number of Stems (Multi Calc):	1
Tree Height (Estimated):	18
Condition:	C, Fair, (50-69%)
Health and Vigor Rating (%):	60
Crown Spread (North):	10
Crown Spread (South):	7
Crown Spread (East):	7
Crown Spread (West):	14
Observations-Characteristics:	
Physical Conditions:	Concrete / Asphalt over Root System, Limited Growing Space
Observations-Biotic Pest:	
Observation Comments:	Under overhead power lines. -
Priority:	

Tree Maintenance

Remove Tree? / Monitor Health?:	
Remove Tree Due to ?:	
Inspection Cycle:	
Notes:	

Photos



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6/18/2024

Indian laurel fig Tree ID #31

332 Washington Street

Tree Details

Tree Tag Number:	
Scientific Name:	Ficus retusa ssp. nitida
DBH:	20
Number of Stems (Multi Calc):	1
Tree Height (Estimated):	18
Condition:	C, Fair, (50-69%)
Health and Vigor Rating (%):	60
Crown Spread (North):	8
Crown Spread (South):	13
Crown Spread (East):	7
Crown Spread (West):	10
Observations-Characteristics:	
Physical Conditions:	Concrete / Asphalt over Root System, Limited Growing Space
Observations-Biotic Pest:	
Observation Comments:	Under overhead power lines.
Priority:	

Tree Maintenance

Remove Tree? / Monitor Health?:	
Remove Tree Due to ?:	
Inspection Cycle:	
Notes:	

Photos



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6/18/2024

Brisbane box Tree ID #32

1521 East Grand Avenue

Tree Details

Tree Tag Number:	
Scientific Name:	Tristaniopsis conferta
DBH:	8
Number of Stems (Multi Calc):	1
Tree Height (Estimated):	12
Condition:	C, Fair, (50-69%)
Health and Vigor Rating (%):	60
Crown Spread (North):	5
Crown Spread (South):	3
Crown Spread (East):	4
Crown Spread (West):	5
Observations-Characteristics:	
Physical Conditions:	Limited Growing Space, Concrete / Asphalt over Root System
Observations-Biotic Pest:	
Observation Comments:	
Priority:	

Tree Maintenance

Remove Tree? / Monitor Health?:	
Remove Tree Due to ?:	
Inspection Cycle:	
Notes:	

Photos



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Brisbane box Tree ID #33

1521 East Grand Avenue

Tree Details

Tree Tag Number:	
Scientific Name:	Tristaniopsis conferta
DBH:	11
Number of Stems (Multi Calc):	1
Tree Height (Estimated):	15
Condition:	B, Good, (70-89%)
Health and Vigor Rating (%):	70
Crown Spread (North):	5
Crown Spread (South):	4
Crown Spread (East):	9
Crown Spread (West):	7
Observations-Characteristics:	
Physical Conditions:	Concrete / Asphalt over Root System, Limited Growing Space
Observations-Biotic Pest:	
Observation Comments:	
Priority:	

Tree Maintenance

Remove Tree? / Monitor Health?:	
Remove Tree Due to ?:	
Inspection Cycle:	
Notes:	

Photos



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Brisbane box Tree ID #34

1521 East Grand Avenue

Tree Details

Tree Tag Number:	
Scientific Name:	Tristaniopsis conferta
DBH:	9
Number of Stems (Multi Calc):	1
Tree Height (Estimated):	13
Condition:	C, Fair, (50-69%)
Health and Vigor Rating (%):	60
Crown Spread (North):	4
Crown Spread (South):	7
Crown Spread (East):	13
Crown Spread (West):	7
Observations-Characteristics:	
Physical Conditions:	Limited Growing Space, Concrete / Asphalt over Root System
Observations-Biotic Pest:	
Observation Comments:	
Priority:	

Tree Maintenance

Remove Tree? / Monitor Health?:	
Remove Tree Due to ?:	
Inspection Cycle:	
Notes:	

Photos



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6/18/2024

Gum Tree ID #35

Tree Details

Tree Tag Number:	
Scientific Name:	Eucalyptus species
DBH:	18
Number of Stems (Multi Calc):	1
Tree Height (Estimated):	22
Condition:	F, Very Poor/Dead, (0-24%)
Health and Vigor Rating (%):	0
Crown Spread (North):	9
Crown Spread (South):	10
Crown Spread (East):	14
Crown Spread (West):	10
Observations-Characteristics:	
Physical Conditions:	Limited Growing Space, Concrete / Asphalt over Root System
Observations-Biotic Pest:	
Observation Comments:	
Priority:	

Tree Maintenance

Remove Tree? / Monitor Health?:	
Remove Tree Due to ?:	
Inspection Cycle:	
Notes:	

Photos



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Gum Tree ID #36

Tree Details	
Tree Tag Number:	
Scientific Name:	Eucalyptus species
DBH:	18
Number of Stems (Multi Calc):	1
Tree Height (Estimated):	22
Condition:	F, Very Poor/Dead, (0-24%)
Health and Vigor Rating (%):	0
Crown Spread (North):	9
Crown Spread (South):	10
Crown Spread (East):	2
Crown Spread (West):	10
Observations-Characteristics:	
Physical Conditions:	Concrete / Asphalt over Root System, Limited Growing Space
Observations-Biotic Pest:	
Observation Comments:	
Priority:	

Tree Maintenance
Remove Tree? / Monitor Health?:
Remove Tree Due to ?:
Inspection Cycle:
Notes:

Photos



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6/18/2024

Brisbane box Tree ID #37

Tree Details

Tree Tag Number:	
Scientific Name:	Tristaniopsis conferta
DBH:	7
Number of Stems (Multi Calc):	1
Tree Height (Estimated):	12
Condition:	B, Good, (70-89%)
Health and Vigor Rating (%):	80
Crown Spread (North):	5
Crown Spread (South):	5
Crown Spread (East):	4
Crown Spread (West):	5
Observations-Characteristics:	
Physical Conditions:	Concrete / Asphalt over Root System, Limited Growing Space
Observations-Biotic Pest:	
Observation Comments:	
Priority:	

Tree Maintenance

Remove Tree? / Monitor Health?:	
Remove Tree Due to ?:	
Inspection Cycle:	
Notes:	

Photos



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6/18/2024

Gum Tree ID #38

Tree Details

Tree Tag Number:	
Scientific Name:	Eucalyptus species
DBH:	18
Number of Stems (Multi Calc):	1
Tree Height (Estimated):	16
Condition:	F, Very Poor/Dead, (0-24%)
Health and Vigor Rating (%):	0
Crown Spread (North):	4
Crown Spread (South):	7
Crown Spread (East):	9
Crown Spread (West):	3
Observations-Characteristics:	
Physical Conditions:	Concrete / Asphalt over Root System, Limited Growing Space
Observations-Biotic Pest:	
Observation Comments:	
Priority:	

Tree Maintenance

Remove Tree? / Monitor Health?:
Remove Tree Due to ?:
Inspection Cycle:
Notes:

Photos



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6/18/2024

Gum Tree ID #39

Tree Details

Tree Tag Number:	
Scientific Name:	Eucalyptus species
DBH:	23
Number of Stems (Multi Calc):	1
Tree Height (Estimated):	16
Condition:	F, Very Poor/Dead, (0-24%)
Health and Vigor Rating (%):	0
Crown Spread (North):	6
Crown Spread (South):	7
Crown Spread (East):	6
Crown Spread (West):	13
Observations-Characteristics:	
Physical Conditions:	Limited Growing Space, Concrete / Asphalt over Root System
Observations-Biotic Pest:	
Observation Comments:	
Priority:	

Tree Maintenance

Remove Tree? / Monitor Health?:	
Remove Tree Due to ?:	
Inspection Cycle:	
Notes:	

Photos



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6/18/2024

Appendix C - Assumptions and Limiting Conditions

1. Any legal description provided to the consultant / appraiser is assumed to be correct. Any titles and ownership to any property are assumed to be good and marketable.
2. Care has been taken to obtain all information from reliable sources. All data has been verified in so far as possible for the accuracy of information provided by others.
3. The Consultant/appraiser shall not be required to give testimony or attend court by reason of this report unless subsequent contractual arrangements are made, including payment of an additional fee for such services as described in the fee schedule and contract of engagement.
4. Loss or alteration of any part of this report invalidates the entire report.
5. Possession of this report or a copy thereof does not imply right of publication or use for any purpose by any other than the person to whom is addressed, without the prior expressed written consent of the consultant/appraiser.
6. This report and values expressed herein represent the opinion of the consultant / appraiser, and the consultant's / appraiser's fees is in no way contingent upon the reporting of a specified value, a stipulated result, the occurrence of a subsequent event, nor upon any finding to be reported.
7. Sketches, diagrams, graphs, photographs in this report, being intended as visual aids, are not necessarily to scale and should not be construed as engineering or architectural reports or surveys.
8. Unless expressed otherwise: 1) information contained in this report covers only those items that were examined and reflects the condition of those items at the time of inspection: and 2) the inspection is limited to visual examination of accessible items without dissection, excavation, probing or coring. There is no warranty or guarantee, expressed or implied, that problems or deficiencies of the trees or property on question may not arise in the future.

Appendix B

Preliminary Geotechnical Investigation

ALBUS-KEEFE & ASSOCIATES, INC
GEOTECHNICAL CONSULTANTS

December 19, 2019
J.N.: 2858.00

Mr. William Messori
Griffin Capital Company, LLC
Griffin Capital Plaza
1520 E. Grand Avenue
El Segundo, California 90245

Subject: **Preliminary Geotechnical Investigation Report, Proposed Commercial Development, Northeast Corner of E. Grand Avenue and Kansas Street, El Segundo, California.**

Dear Mr. Messori,

Pursuant to your request, ***Albus-Keefe & Associates, Inc***. is pleased to present to you our geotechnical investigation report for the subject development. This report presents a summary of our review of readily available geologic literature and referenced geotechnical reports, subsurface exploration, laboratory testing, and engineering analyses. Conclusions and recommendations relative to the proposed site development are also presented in this report based on the findings of our work.

We appreciate this opportunity to be of service to you. If you should have any questions regarding the contents of this report, please do not hesitate to call.

Sincerely,

ALBUS-KEEFE & ASSOCIATES, INC.

David E. Albus
Principal Engineer

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1.0 INTRODUCTION

1.1 PURPOSE AND SCOPE

The purposes of this investigation were to evaluate the subsurface soil conditions within the project area, to evaluate their engineering characteristics, and to provide preliminary geotechnical conclusions and recommendations relevant to design and construction of the proposed development. The scope of this investigation included the following:

- Review of readily available geologic and seismic data for the site and surrounding area,
- Exploratory drilling and soil sampling,
- Laboratory testing of selected soil samples,
- Engineering analyses of data obtained from our review, exploration and laboratory testing,
- Evaluation of site seismicity, liquefaction potential, bearing capacity, earth pressures and settlement potential,
- Preparation of this report.

1.2 SITE LOCATION AND DESCRIPTION

The site is located at the northeast corner of E. Grand Avenue and Kansas Street, El Segundo, California. The site is bounded by E. Grand Ave. to south, Kansas St. to west, East Holly Ave. to north, and Washington St. to east. The rectangular-shaped site encompasses approximately 3.24 acres of land and consists of 6 parcels of land. The site is presently developed with three one- to two-story industrial buildings. The building within the northwest portion the site include a partial subterranean level. The remainder of the property is improved with asphalt-paved parking and drive aisles.

Based on GoogleEarth (2019) ground surface elevations range from approximately 123 ft Mean Sea Level (MSL) at the middle of the east property line to about 115 ft MSL at the northeast and southeast corners of the site. Along the west property line, elevations range from approximately 119 ft MSL at the southwest corner to about 102 ft MSL close to the existing building at the northwest corner of the site.

Drainage is generally directed to the north as sheet flow toward Kansas Street and East Holly Avenue. Vegetation is located within the landscape planters and consist of medium-sized shrubs, small to medium shrubs, and grass.



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SITE LOCATION MAP

Griffin Capital Company, LLC
1521 E. Grand Avenue,
City of El Segundo, California

NOT TO SCALE

FIGURE 1

1.3 PROPOSED DEVELOPMENT

Based on our review of the referenced Conceptual Site Plan, we understand the site will be developed for commercial use consisting of two commercial buildings and a parking structure. Several alternatives have been provided that involve remodeling the existing two-story buildings or remodeling one building and constructing a new building. Various configurations of the building layouts have been provided with only the north half of the site requiring new construction. As much as 7-stories for the office building have been proposed. The proposed parking structure is proposed with 2 to 6 levels of parking.

No grading or structural plans were available in preparation of this report. However, we anticipate that some cut and filling of the site will be required to achieve future surface configuration and we expect future foundation loads will be moderate.

2.0 INVESTIGATION

2.1 SUBSURFACE INVESTIGATION

Subsurface exploration for this investigation was conducted on December 11, 2019 and consisted of drilling three soil borings to depths ranging from 31.5 feet to 51.5 feet below the existing ground surface (bgs) using a truck-mounted, continuous flight, hollow-stem-auger drill rig. Representatives of Albus-Keefe & Associates, Inc. logged the exploratory borings. The locations of the borings are depicted on the enclosed Geotechnical Map, Plate 1.

Bulk, relatively undisturbed and Standard Penetration Test (SPT) samples were obtained at selected depths within the exploratory borings for subsequent laboratory testing. Relatively undisturbed samples were obtained using a 3-inch O.D., 2.5-inch I.D., California split-spoon soil sampler lined with brass rings. SPT samples were obtained from the boring using a standard, unlined SPT soil sampler. During each sampling interval, the sampler was driven 18 inches with successive drops of a 140-pound automatic hammer falling 30 inches. The number of blows required to advance the sampler was recorded for each six inches of advancement. The total blow count for the lower 12 inches of advancement per soil sample is recorded on the exploration log. Samples were placed in sealed containers or plastic bags and transported to our laboratory for analyses. The borings were backfilled with a cement-bentonite mix upon completion of sampling.

One additional boring was drilled adjacent to exploratory boring B-6 for percolation testing. A general discussion on the feasibility of storm water infiltration is provided in this report. However, details and results of percolation tests are reported under a separate cover.

2.2 LABORATORY TESTING

Selected samples obtained from our subsurface exploration were tested in our soil laboratory. Tests consisted of maximum dry density and optimum moisture content, in-situ moisture content and dry density, expansion index, soluble sulfate content, consolidation, direct shear strength, grain-size analysis, chloride content, minimum resistivity, and pH. A description of laboratory test criteria and a summary of the test results are presented in Appendix B.

3.0 GEOLOGIC CONDITIONS

3.1 GEOLOGIC SETTING

The subject site is situated within a portion of the western Los Angeles Basin that is uniquely characterized by an extensive coastal belt of Late Pleistocene-age sand dune deposits extending to significant depth. The dune deposits were likely deposited in a near shore, non-marine environment and primarily include wind-blown sands that are locally mantled with fine-grained silts and clays associated with lacustrine deposition during episodic periods of severe flooding. The dune sands are generally granular and non-expansive. However, the clay-rich lacustrine deposits typically exhibit moderate to high expansive properties.

3.2 SITE-SPECIFIC SOIL CONDITIONS

Descriptions of the earth materials encountered during our investigation are summarized below and are presented in detail on the Exploration Logs presented in Appendix A.

Soil materials encountered at the site consisted of previously placed engineered fills (Af) underlain by old sand dune deposits (Qos). In general, the fill materials are present in the upper 6 to 7 feet and consisted of brown fine-to-medium sand, sand with silt, and silty sand. The fill soils are generally slightly moist and medium dense to very dense with some pores and rootlets present.

Old sand dune deposits (Qso) were encountered below the artificial fill and extending to at least 51.5 feet below existing ground surface. The old dune sand is mostly composed of silty sands and fine- to medium-grained sand with little or no fines content. These deposits were slightly moist, light brown to tan brown, and dense to very dense. The upper surface of the deposit can be weathered and somewhat porous.

A more detailed description of the interpreted soil profile at each of the boring locations, based upon the soil cuttings and soil samples, are presented in Appendix A. The stratigraphic descriptions in the logs represent the predominant materials encountered during investigation. Relatively thin, often discontinuous layers of different material may occur within the major divisions.

3.3 GROUNDWATER CONDITIONS

Groundwater was not encountered by this firm at the time of explorations to the maximum depth explored (51.5 feet below existing ground surface). A review of the referenced Seismic Hazard Zone Report 036 (Venice 7.5-Minute Quadrangle), indicates that historical high groundwater level for the general site area is greater than 50 feet below the existing ground surface.

3.4 FAULTING

Geologic literature does not indicate the presence of active faulting within the site. The site does not lie within an "Earthquake Fault Zone" as defined by the State of California in the Alquist-Priolo

Earthquake Fault Zoning Act. Table 3.1 provides a summary of all the known active faults within 10 miles of the site.

TABLE 3.1
SUMMARY OF ACTIVE FAULTS

Name	Distance (miles)	Slip Rate (mm/yr.)	Preferred Dip (degrees)	Slip Sense	Rupture Top (km)	Fault Length (km)
Newport-Inglewood, alt 1	3.92	1	88	strike slip	0	65
Newport Inglewood Connected alt 1	3.92	1.3	89	strike slip	0	208
Palos Verdes	4.44	3	90	strike slip	0	99
Palos Verdes Connected	4.44	3	90	strike slip	0	285
Newport Inglewood Connected alt 2	4.65	1.3	90	strike slip	0	208
Puente Hills (LA)	8.53	0.7	27	thrust	2.1	22
Santa Monica Connected alt 2	8.53	2.4	44	strike slip	0.8	93
Santa Monica Connected alt 1	9.06	2.6	51	strike slip	0	79
Santa Monica, alt 1	9.06	1	75	strike slip	0	14

4.0 ANALYSES

4.1 SEISMICITY

We have performed probabilistic seismic analyses utilizing the Applied Technology Council (ATC) online application conforming with ASCE7-10. From our analyses, we obtain a PGA of 0.597 in accordance with Figure 22-7 of ASCE 7-10. The site amplification factor, F_{PGA}, for Site Class D at this range of PGA is 1.0. Therefore, site modified peak ground acceleration, PGA_M = 1.0 x 0.597 = 0.60g. The mean event associated with a probability of exceedance equal to 2% over 50 years has a moment magnitude of 6.8 and the mean distance to the seismic source is 7.3 miles.

4.2 STATIC SETTLEMENT

As of the time of this report, no loads or foundation configurations are available. Nevertheless, we have performed settlement analyses for typical column loads, wall loads, and footing dimensions anticipated for this project. The subsurface profile and parameters needed for settlement analyses were

developed based on the results of our field investigation and material characteristics established from lab test results.

The existing fill materials are only moderately compacted and we have assumed will be recompacted as an engineered fill. The underlying dune sand deposits are generally very dense but exhibit a weathered zone in one of our borings (B-4). At this location, the weathered zone exhibits the characteristics of hydrocollapse (consolidation upon wetting). At this location, we estimate hydrocollapse of the weathered zone could result in about 2 inches of settlement under future foundation loads due to wetting. Where the foundations would be supported by compacted fill or unweathered dune sands, we estimate settlement due to future foundation loads could be up to about ¾ inches for a column load of about 800 kips and bearing pressure of 3,500 psf. We estimate a total settlement of ½ inch for a continuous footing with a width of 3.5 feet and wall load of 12 kips/ft.

4.3 LIQUEFACTION

Engineering research of soil liquefaction potential (Youd, et al., 2001) indicates that generally three basic factors must exist concurrently in order for liquefaction to occur. These factors include:

- A source of ground shaking, such as an earthquake, capable of generating soil mass distortions.
- A relatively loose silty and/or sandy soil.
- A relative shallow groundwater table (within approximately 50 feet below ground surface) or completely saturated soil conditions that will allow positive pore pressure generation.

The liquefaction susceptibility of the onsite soils was evaluated by analyzing the potential concurrent occurrence of the above-mentioned three basic factors. The liquefaction evaluation for the site was completed under the guidance of Special Publication 117A: Guidelines for Evaluating and Mitigating Seismic Hazards in California (CDMG, 2008).

Historical high groundwater is anticipated at a depth of at least 50 feet below the site. Therefore, the potential for liquefaction to occur beneath the site is considered very low. Furthermore, the site is not located within a mapped California Geologic Survey liquefaction hazard zone.

5.0 CONCLUSIONS

5.1 FEASIBILITY OF PROPOSED DEVELOPMENT

From a geotechnical point of view, the proposed site development is considered feasible provided that the recommendations presented in this report are incorporated into the design and construction of the project. Furthermore, it is also our opinion that the proposed development will not adversely impact the stability of adjoining properties if the recommendations presented in this report are incorporated into site construction.

5.2 GEOLOGIC HAZARDS

5.2.1 Ground Rupture

No active faults are known to project through the site nor does the site lie within the bounds of an "Earthquake Fault Zone" as defined by the State of California in the Alquist-Priolo Earthquake Fault Zoning Act. As such, the potential for ground rupture due to a fault displacement beneath the site is considered very low.

5.2.2 Ground Shaking

The site is situated in a seismically active area that has historically been affected by generally moderate to occasionally high levels of ground motion. The site lies in relative close proximity to several active faults; therefore, during the life of the proposed developments, the property will probably experience similar moderate to occasionally high ground shaking from these fault zones, as well as some background shaking from other seismically active areas of the Southern California region. Potential ground accelerations have been estimated for the site and are presented in Section 4.1 of this report. Design and construction in accordance with the current California Building Code (CBC) requirements is anticipated to address the issues related to potential ground shaking.

5.2.3 Landsliding

Geologic hazards associated with landsliding are not anticipated at the site.

5.2.4 Liquefaction

The depth to historic high groundwater reported by the CGS in the site vicinity is greater than 50 feet below the ground surface (Seismic Hazard Zone Report 036) and the site is underlain by dense natural deposits. As such the potential for liquefaction at the site is considered very low. Furthermore, the site is not located within a mapped California Geologic Survey liquefaction hazard zone.

5.3 STATIC SETTLEMENT

Provided the recommendations in this report are implemented, total static settlement is estimated to be less than 1 inch for proposed structures provided the maximum static column load is about 1,000 kips and the maximum wall load is about 15 kips/ft. Differential settlement is anticipated to be on the order of 1/2 inch over a distance of 30 feet. These values are considered within tolerable limits of proposed structures.

5.4 SOIL EXPANSION

Based on our laboratory test results and the USCS visual manual classification, the near-surface soils are generally anticipated to possess a **Very Low** expansion potential. Testing for soil expansion will be required subsequent to rough grading and prior to construction of foundations and other concrete work to confirm these conditions. Expansive soils can undergo volume changes when they become wetted or dried. These changes can affect the overlying structures and other surface improvements. Given the expansion potential anticipated at the site, only nominal steps will be needed to mitigate adverse effects such as minor steel reinforcing of foundations and slabs, and moisture preparation and jointing details for flatwork.

5.5 EXCAVATION AND MATERIAL CHARACTERISTICS

Existing artificial fill (typically 6 to 7 feet thick) and weathered, porous portions of the Dune Sands (up to about 4 feet thick where present) are anticipated to be unsuitable to support proposed site development in their current condition. This condition can be mitigated by removing and recompacting these materials. Once these materials are removed, they are anticipated to be suitable for reuse as compacted fill.

Temporary construction slopes and trench excavations can likely be cut vertically up to a height of 4 feet within the onsite materials provided that no surcharging of the excavations is present. Temporary excavations greater than 4 feet in height will likely require side laybacks to 1:1 (H:V) or flatter to mitigate the potential for sloughing. Portions of the site below a depth of 8 feet may encounter friable sands that will tend to slough or run. Cuts in these materials will likely require a layback of 1.5:1 (H:V) at any height.

Demolition of the existing site improvements will generate a considerable amount of concrete and asphaltic concrete debris. Significant portions of concrete and asphaltic concrete debris can likely be reduced in size to less than 4 inches in maximum dimension and incorporated within fill soils during earthwork operations.

Onsite disposal systems, clarifiers, and other underground improvements may be present on site. If encountered during future rough grading, these improvements will require proper abandonment or removal.

Off-site improvements, streets, and rights-of-way exist near and along the property lines. Furthermore, some of the existing improvement at the site may be remain in place. The presence of the existing offsite improvements and onsite improvements to remain in place will limit removals of unsuitable materials. Special grading techniques, such as slot cutting or shoring may be required where these conditions limit the lateral extent of removals. Shoring will likely be required for excavation for the subterranean level near property lines.

Subsurface soils are anticipated to be relatively easy to excavate with conventional heavy earthmoving equipment. Removal and recompaction of the site materials will result in some moderate shrinkage and subsidence. Design of site grading will require consideration of this loss when evaluating earthwork balance issues.

The existing near surface soils are typically below optimum moisture content. As such, moisturizing of site materials will likely be required prior to placement as compacted fill

5.6 SHRINKAGE AND SUBSIDENCE

Volumetric changes in earth quantities will occur when excavated onsite soil materials are replaced as properly compacted fill. We estimate the existing artificial fills and upper collapsible Dune Sand deposits will shrink approximately 10 to 20 percent. Reprocessing of removal bottoms are anticipated to result in negligible subsidence. The estimates of shrinkage and subsidence are intended as an aid for project engineers in determining earthwork quantities. However, these estimates should be used

with some caution since they are not absolute values. Contingencies should be made for balancing earthwork quantities based on actual shrinkage and subsidence that occurs during the grading process.

5.7 INFILTRATION OF STORM WATER

Preliminary testing was performed to evaluate the feasibility of onsite infiltration. Based on our exploration and testing, the site is feasible for infiltration of storm water using either shallow basins, shallow chamber systems, or dry wells. Soils in the upper 20 feet are anticipated to provide moderate infiltration rates which would apply to shallow basins and chamber systems. Soils below 20 feet exhibit high infiltration rates which lend well to the use of dry wells.

Provided the site is developed following the recommendations provided in the next sections, infiltration of storm water is not anticipated to worsen any existing geotechnical hazards such as liquefaction, site stability, or expansive soils. The locations of infiltration BMPs will require appropriate setbacks from property lines and structures. Specific design and construction recommendations will be provided under a separate report.

6.0 RECOMMENDATIONS

6.1 EARTHWORK

6.1.1 General Earthwork and Grading Specifications

All earthwork and grading should be performed in accordance with all applicable requirements of CAL/OSHA and the grading requirements of the City of El Segundo, California, in addition to recommendations presented herein.

6.1.2 Pre-Grade Meeting and Geotechnical Observation

Prior to commencement of grading, we recommend that a meeting be held between the owner, grading contractor, civil engineer, City Inspector, and geotechnical consultant to discuss proposed work and logistics. We also recommend that a geotechnical consultant be retained to provide soil engineering and engineering geologic services during site grading. This is to observe compliance with the design specifications or recommendations, and to allow design changes in the event that subsurface conditions differ from those anticipated prior to the start of construction. If conditions are encountered during construction that appears to be different than those indicated in this report, the project geotechnical consultant should be notified immediately. Design and construction revisions may be required.

6.1.3 Site Clearing

Except for the existing buildings and facilities marked to remain, all existing surface improvements, vegetation and other deleterious materials should be removed from the areas to be developed. Existing underground utility lines within the project area that will be left in place and that fall below a 1:1 (H:V) plane projected down from the edges of footings may be subject to surcharge loads. Under such conditions, this office should be made aware of these conditions for evaluation of potential surcharging. Supplemental recommendations may be required to protect such improvements in place.

The project geotechnical consultant should be notified at the appropriate times to provide observation services during clearing operations to verify compliance with the above recommendations. Voids created by clearing should be left open for observation by the geotechnical consultant. Should any unusual soil conditions or subsurface structures be encountered during site clearing or grading that are not described or anticipated herein, these conditions should be brought to the immediate attention of the project geotechnical consultant for corrective recommendations.

6.1.4 Ground Preparation (Removals and Over-excavations)

All existing artificial fill should be removed and re-compacted below structures. These materials are generally anticipated to be 6 to 7 feet in thickness across the site. In addition, porous and weathered portions of the dune sand deposits should be removed and recompacted within the limits of structures. Where encountered, these materials were up to about 4 feet in thickness. These removals should extend laterally beyond the limits of foundations a distance equal to or greater than the depth of removal.

Within structural paving areas, the existing soils should be removed to a depth of 1 foot below subgrade. These removals should extend to the limits of pavement and curbs, if present.

No removals or over excavation is deemed necessary within future landscape or flatwork areas.

All removals should be evaluated by the geotechnical consultant during grading to confirm the exposed conditions are as anticipated. Following removals, the exposed grade should first be scarified to a depth of 6 inches; moisture conditioned to slightly over the optimum moisture content, and then re-compacted to at least 90 percent of the Modified Proctor standard.

6.1.5 Fill Placement

Materials excavated from the site may be used as fill provided they are free of deleterious materials and oversized materials (particles greater than 4 inches in maximum dimension). All fill should be placed in lifts not greater than 8 inches in loose thickness, moisture conditioned to at least 110% of the optimum moisture content, and compacted. Fill should be compacted to at least 90 percent of the laboratory standard. The laboratory standard for maximum dry density and optimum moisture content for each soil type used should be determined in accordance with ASTM D 1557. Fills should be maintained relatively level and should not slope more than 20 to 1 (H:V). Where fills will be placed on ground that slopes at 5 to 1 (H:V) or greater, the ground surface should be excavated to create a series of level benches prior to placement of fill. Each lift should be treated in a similar manner. Subsequent lifts should not be placed until the project geotechnical consultant has approved the preceding lift.

6.1.6 Temporary Excavations

Temporary construction slopes in native soils and engineered compacted fills may be cut vertically up to a height of 4 feet provided that no surcharging (such as adjacent buildings, walls, etc.) of the excavations are present. Temporary slopes over 4 feet but no more than 8 feet in height should be laid back at a maximum gradient of 1:1 (H:V) or properly shored. Excavations greater than 8 feet in depth are anticipated to encounter friable sands. Excavations should be laid back to a maximum gradient of 1.5:1 (H:V) within these materials.

Excavations should not be left open for prolonged periods of time. The project geotechnical consultant should observe all temporary cuts to confirm anticipated conditions and to provide alternate recommendations if conditions dictate.

Where temporary excavations can not be laid back in accordance with the recommendation above, slot cutting, shoring, underpinning, or other methods should be used. The geotechnical consultant should provide specific recommendations for these options after specific design plans have been developed.

6.2 SEISMIC DESIGN PARAMETERS

For design of the project in accordance with Chapter 16 of the 2016 CBC, the following table presents the seismic design factors:

TABLE 6.1
2016 CBC Seismic Design Parameters

Parameter	Value
Site Class	D
Mapped MCE Spectral Response Acceleration, short periods, S_S	1.628
Mapped MCE Spectral Response Acceleration, at 1-sec. period, S_1	0.602
Site Coefficient, Fa	1.0
Site Coefficient, Fv	1.5
Adjusted MCE Spectral Response Acceleration, short periods, S_{MS}	1.628
Adjusted MCE Spectral Response Acceleration, at 1-sec. period, S_{M1}	0.903
Design Spectral Response Acceleration, short periods, S_{DS}	1.085
Design Spectral Response Acceleration, at 1-sec. period, S_{D1}	0.602
Long Period Transition Period, T_L (sec)	8
Seismic Design Category- Risk Category I or II	D

MCE = Maximum Considered Earthquake

6.3 PRELIMINARY FOUNDATION DESIGN

6.3.1 General

The following recommendations are presented for preliminary design purposes. These recommendations have been based on the site materials exposed during our investigation and the anticipated structural loads. Final recommendations should be provided by the project geotechnical consultant following observation and testing of site materials during grading and review of structural loads and foundation plans prepared for the proposed site development. Depending upon actual site conditions and the proposed foundation loads, the recommendations provided herein may require modification.

6.3.2 Soil Expansion

The recommendations presented herein are based on soils with **Very Low** expansion potential. Following site grading, additional testing of site soils should be performed by the project geotechnical consultant to confirm the basis of these recommendations. If site soils with different properties are encountered, the recommendations contained herein may require modification.

6.3.3 Settlement

Provided site grading measures are performed as recommended herein, total and differential settlements are estimated to be limited to 1.0 inch and 0.5-inch over 30 feet, respectively.

The estimated magnitudes of total and differential settlement should be considered by the project's structural engineer in design of the proposed structures at the site. If the estimated values are considered beyond tolerable limits, then additional remedial earthwork measures may be required. Specific recommendations should be provided by the geotechnical consultant under such conditions.

6.3.4 Allowable Bearing Value

Provided site grading is performed as recommended herein, a bearing value of 2,000 pounds per square foot (psf) may be used for continuous and isolated footings founded at a minimum depth of 12 inches below the lowest adjacent grade and having a minimum width of 12 inches and 24 inches, respectively. The bearing value may be increased by 300 psf and 800 psf for each additional foot in width and depth, respectively, up to a maximum value of 4,000 psf. Recommended allowable bearing values include both dead and live loads and may be increased by one-third for wind and seismic forces.

6.3.5 Lateral Resistance

Provided site grading is performed as recommended herein, a passive earth pressure of 230 pounds per square foot per foot of depth (pcf) up to a maximum value of 1,150 pounds per square foot (psf) may be used to determine lateral bearing for footings. This value may be increased by one-third when designing for wind and seismic forces. A coefficient of friction of 0.35 times the dead load forces may also be used between concrete and the supporting soils to determine lateral sliding resistance. No increase in the coefficient of friction should be used when designing for wind and seismic forces.

The above values are based on footings placed directly against compacted fill. In the case where footing sides are formed, all backfill against the footings should be compacted to at least 90 percent of the Modified Proctor test according to ASTM standard (ASTM D 1557).

6.3.6 Conventional Slabs on Grade

Exterior and interior building footings may be founded at the minimum depths indicated in the California Building Code. All continuous footings should be reinforced with a minimum of two No. 4 bars, one top and one bottom. The structural engineer may require different reinforcement and should dictate if greater than the recommendations provided herein.

Interior isolated pad footings should be a minimum of 24 inches square and founded at minimum depths of 12 inches below the lowest adjacent final grade. Exterior isolated pad footings should be a

minimum of 24 inches square and founded at a minimum depth of 12 inches below the lowest adjacent final grade.

Interior concrete slabs constructed on grade should be a minimum 4 inches thick. However, if such slabs will be used for garage parking, they should have a minimum thickness of 5 inches. Slabs should be reinforced with No. 3 bars spaced 32 inches each way. Care should be taken to ensure the placement of reinforcement at mid-slab height. The structural engineer may recommend a greater slab thickness and reinforcement based on proposed use and loading conditions and such recommendations should govern if greater than the recommendations presented herein.

Concrete floor slabs in areas to receive carpet, tile, or other moisture sensitive coverings should be underlain with a moisture vapor retarder 10-mil Visqueen, or equal. The membrane should be properly lapped, sealed, and protected with at least 2 inches of sand having a sand equivalent (SE) of 30 or greater. One inch of this sand can be placed above the membrane. This vapor retarder system is anticipated to be suitable for most flooring finishes that can accommodate some vapor emissions. However, this system may emit more than 4 pounds of water per 1000 sq. ft. and therefore, may not be suitable for all flooring finishes. Additional steps should be taken if such vapor emission levels are too high for anticipated flooring finishes.

Special consideration should be given to slabs in areas to receive ceramic tile or other rigid, crack-sensitive floor coverings. Design and construction of such areas should mitigate hairline cracking as recommended by the structural engineer.

Block-outs should be provided around interior columns to permit relative movement and mitigate distress to the floor slabs due to differential settlement that will occur between column footings and adjacent floor subgrade soils as loads are applied.

Prior to placing concrete, subgrade soils below slab-on-grade areas should be thoroughly moistened to provide a moisture content that is equal to or greater than 110% of the optimum moisture content to a depth of 12 inches.

6.3.7 Foundation Observations

Foundation excavations should be observed by the project geotechnical consultant to verify that they have been excavated into competent bearing soils and to the minimum embedment recommended above. These observations should be performed prior to placement of forms or reinforcement. The excavations should be trimmed neat, level and square. Loose, sloughed or moisture-softened materials and debris should be removed prior to placing concrete.

6.4 RETAINING/SCREEN WALLS

6.4.1 General

The following preliminary design and construction recommendations are provided for general retaining and screen walls. Final wall designs specific to the site development should be provided for review once completed. The structural engineer and architect should provide appropriate recommendations for sealing at all joints and applying moisture-proofing material on the back of the walls.

6.4.2 Allowable Bearing Value and Lateral Resistance

Retaining walls may utilize the bearing capacities and lateral resistance values provided in Sections 6.3.4 and 6.3.5. The passive pressure used for lateral bearing should be reduced by 50% for walls that have a descending slope below the face of the wall.

The above values are based on footings placed directly against properly compacted fill or competent native soils. In the case where footing sides are formed, all backfill against the footings should be compacted to at least 90 percent of the maximum dry density per ASTM D1557.

6.4.3 Earth Pressures

Conventional retaining walls should be designed for the static earth pressures as indicated in Table 6.2 below. These values are active (unrestrained) and at-rest (restrained) conditions based on backfill material parameters from laboratory tests. All values are for drained backfill conditions and do not consider hydrostatic pressures. All walls should be designed to support any adjacent structural surcharge loads imposed by other nearby walls, footings or traffic loads, and hydraulic pressures in addition to the earth pressures provided below.

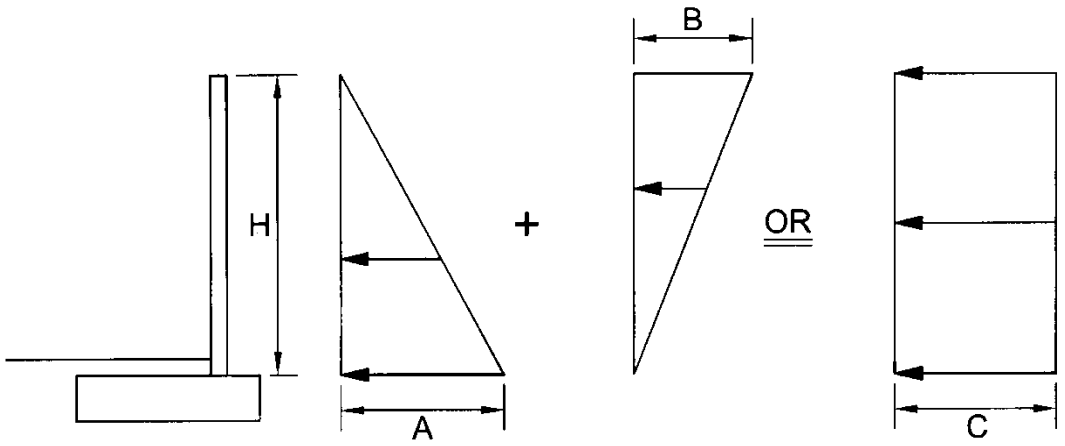
In Table 6.2, H is the vertical height of the retained portion of the wall in feet and the resulting pressure is in pounds per square foot (psf). 2016 CBC requires inclusion of seismic pressure for retaining heights greater than 6 feet. Seismic earth pressures provided herein use a peak ground acceleration (PGA) of 0.39g, corresponding to probability of exceedance of 10 percent in 50 years. Seismic earth pressures are based on the method provided by Seed and Whitman (1970) for active condition, and Wood (1973) for at-rest condition.

As indicated in the diagram below, in Table 6.2, static earth pressure has an upright triangular distribution, with its value at base shown by “A”. Seismic earth pressure has an inverted triangular distribution whose base value is represented by “B”. Value “C” represents a combination of these two values, in the form of a uniform pressure distribution.

6.4.4 Footing Reinforcement

Provided site soils are prepared in accordance with Sections 6.1.4, all continuous footings should be reinforced with a minimum of two (2) No. 4 bars, one top and one bottom. The structural engineer may require different reinforcement and should dictate if greater than the recommendations provided herein.

TABLE 6.2
EARTH PRESSURE DIAGRAMS



Pressure Values
Walls Supporting Engineered Backfill

Value	Un-restrained (Active) Condition		Restrained (At-rest) Condition
	Active Level Backfill	Active 2:1 Backfill	At-rest Level Backfill
A	39H	68H	65H
B	13H	13H	22H
C	26H	41H	44H

Note:
H is in feet and resulting pressure is in psf. Design may utilize either the sum of the static component and the seismic component force diagrams or the total force diagram above. SEAOSC has suggested using a load factor of 1.7 for the static component and 1.0 for the seismic component. The actual load factors should be determined by the structural engineer.

6.4.5 Footing Observations

Footing excavations should be observed by the project geotechnical consultant to verify that they have been excavated into competent bearing soils and to the minimum embedment recommended herein. These observations should be performed prior to placement of forms or reinforcement. The excavations should be trimmed neat, level, and square. Loose, sloughed or moisture-softened materials and debris should be removed prior to placing concrete.

6.4.6 Drainage and Moisture-Proofing

Retaining walls should be constructed with a perforated pipe and gravel subdrain to prevent entrapment of water in the backfill. The perforated pipe should consist of 4-inch-diameter, ABS SDR-35 or PVC Schedule 40 with the perforations laid down. The pipe should be embedded in ¾- to 1½-inch open-graded gravel wrapped in filter fabric. The gravel should be at least one foot wide and extend at least one foot up the wall above the footing and drainage outlet. Drainage gravel and piping should not be placed below outlets and weepholes. Filter fabric should consist of Mirafi 140N, or equal. Outlet pipes should be directed to positive drainage devices.

The use of weepholes may be considered in locations where aesthetic issues from potential nuisance water are not a concern. Weepholes should be 2 inches in diameter and provided at least every 6 feet on center. Where weepholes are used, perforated pipe may be omitted from the gravel subdrain.

Retaining walls supporting backfill should also be coated with a moisture-proofing compound or covered with such material to inhibit infiltration of moisture through the walls. Moisture-proofing material should cover any portion of the back of wall that will be in contact with soil and should lap over and cover the top of footing. A drainage blanket such as Mirafi Miradrain should be provided between the soil and the moisture-proofing materials. The drainage blanket should extend from the top of the gravel to within about 12 inches of finish grade. The top of footing should be finished smooth with a trowel to inhibit the infiltration of water through the wall. The project structural engineer should provide specific recommendations for moisture-proofing, water stops, and joint details.

6.4.7 Wall Jointing

All free-standing, exterior site walls should be provided with cold joints through the masonry block section at horizontal spacing generally not exceeding 40 feet. The joints should not extend through the footing. Retaining walls that are integral to the building should be provided joints based on recommendations by the structural engineer.

6.4.8 Retaining Wall Backfill

Onsite soils having an expansion index (EI) less than 20 or select imported soils may be used for backfill behind retaining walls provided the wall has been designed for earth pressures as discussed in Section 6.4.3. The project geotechnical consultant should approve the backfill used for retaining walls. Wall backfill should be thoroughly moistened to provide moisture contents slightly over optimum moisture content; placed in lifts no greater than 12 inches in thickness, and then mechanically compacted with appropriate equipment to at least 90 percent of the laboratory standard. Hand-operated compaction equipment should be used to compact the backfill placed immediately adjacent the wall to avoid damage to the wall. Flooding or jetting of backfill material is not recommended.

6.5 EXTERIOR FLATWORK

Exterior flatwork should be a nominal 4 inches thick. Cold joints or saw cuts should be provided at least every 10 feet in each direction. Cold joints should be keyed or provided with dowels spaced 18 inches on center. Special jointing detail should be provided in areas of block-outs, notches, or other irregularities to avoid cracking at points of high stress. Where flatwork is more than 10 feet wide in

minimum dimension, the slab should be reinforced with No. 3 bars spaced 30 inches center to center each way.

Subgrade soils below flatwork should be thoroughly moistened to a moisture content to 110% of the optimum to a depth of 12 inches. Moistening should be accomplished by lightly spraying the area over a period of a few days just prior to pouring concrete.

Drainage from flatwork areas should be directed to local area drains and/or other appropriate collection devices designed to carry runoff water to the street or other approved drainage structures. The concrete flatwork should also be sloped at a minimum gradient of 0.5% away from building foundations and masonry walls.

The geotechnical consultant should observe and verify the density and moisture content of subgrade soils prior to pouring concrete to ensure that the required compaction and pre-moistening recommendations have been met.

6.6 CONCRETE MIX DESIGN

Laboratory testing of near-surface soils for soluble sulfate content indicates soluble sulfate concentration of less than 0.10%. We recommend following the procedures provided in ACI 318, Section 4.3, Table 4.3.1 for **negligible** sulfate exposure. Upon completion of rough grading, an evaluation of as-graded conditions and further laboratory testing should be completed for the site to confirm or modify the recommendations provided in this section.

6.7 CORROSION

Laboratory testing of onsite soil indicates indicate a minimum resistivity of approximately 12,000 ohm-cm, pH of 7.49 and a soluble chloride content of 11.7 ppm. Based on laboratory test results, site soils are **Mildly Corrosive** to metals, and structures fabricated from metals may not require corrosion protection if they will be in direct contact with site soils. Nevertheless, we recommend a corrosion specialist be contacted to provide specific recommendations. The chloride content is relatively low and as such, no special requirements are anticipated for protection against chlorides in the site soils. Minimum cover requirements per ACI for rebar embedded in concrete should provide sufficient mitigation from chlorides in site soils.

6.8 PRELIMINARY PAVEMENT DESIGN

6.8.1 Pavement Structural Sections

Based on the anticipated soil conditions present at the site and a range of assumed traffic indices, preliminary pavement sections are provided in the table below. A preliminary "R-value" of 25 was used for the near-surface soil in this preliminary pavement design. The sections provided below are feasibility-level section and should be re-evaluated subsequent to site investigation, detailed estimates of traffic index, and should be finalized upon site grading. Final pavement sections should be based on actual R-value testing of in-place soils and analysis of anticipated traffic.

6.8.1 Subgrade Preparation

Prior to placement of paving elements, subgrade soils should be scarified 6 inches, moisture-conditioned to at least 100 percent of the optimum moisture content then compacted to at least 90 percent of the maximum dry density determined in accordance with ASTM D1557. Areas observed to pump or yield under vehicle traffic should be removed and replaced with firm and unyielding engineered compacted soil or aggregate base materials.

6.8.1 Aggregate Base

Aggregate base materials should be Crushed Aggregate Base or Crushed Miscellaneous Base conforming to Section 200-2 of the Standard Specification for Public Works Construction (Greenbook) or Class 2 Aggregate Base conforming to the Caltrans' Standard Specifications. The materials should be moisture conditioned to slightly over the optimum moisture content then compacted to at least 95 percent of ASTM D 1557.

TABLE 6.3
PRELIMINARY PAVEMENT STRUCTURAL SECTIONS

Location	Traffic Index	AC (inches)	Concrete Paver	PCC (inches)	AB (inches)
All Entries And Interior Driveways	5.0	3.0 4.0	--	--	7.0 4.0
		--	8 cm		8.0
		--	--	6.0	--
	5.5	3.0 4.0	--	--	9.0 6.0
		--	8 cm		10.0
		--	--	6.5	--
	6.0	4.0 5.0			8.0 6.0
		--	8 cm		11.0
		--	--	7.0	--
Parking Stalls	--	3.0	--	--	4.0

6.8.2 Asphaltic Concrete

Paving asphalt should be PG 64-10 conforming to the requirements of Section 203-1 of the Greenbook. Asphalt concrete materials should conform to Section 203-6 and construction should conform to Section 302 of the Greenbook.

6.8.3 Concrete Paver

Concrete pavers should conform to the requirements of ASTM C 936. Construction of the pavers, including bedding sand, should follow manufacturer's specifications. Typical thickness of bedding sand is about 1 inch. The gradation of bedding sand should meet the requirement in Table 6.4.

TABLE 6.4
Gradation for Sand Bedding

Sieve Size	Percent Passing
⅜"	100
No. 4	95 - 100
No. 8	80 - 100
No. 16	50 - 85
No. 30	25 - 60
No. 50	5 - 30
No. 100	0 - 10
No. 200	0 - 1

6.8.4 Portland Cement Concrete

Portland cement concrete used to construct concrete paving should conform to Section 201 of the Greenbook and should have a minimum compressive strength of 3250 pounds per square inch (psi) at 28 days. Reinforcement and jointing of concrete pavement sections should be designed according to the minimum recommendations provided by the Portland Cement Association (PCA). Transverse and longitudinal contraction joints should be provided at spacing no greater than 15 feet. Score joints may be constructed by saw cutting to a depth of ¼ of the slab thickness. Expansion/cold joints may be used in lieu of score joints. Such joints should be properly sealed. Where traffic will traverse over cold joints or edges of concrete paving, the edges should be thickened by 20% of the design thickness toward the edge over a horizontal distance of 5 feet.

6.9 POST GRADING CONSIDERATIONS

6.9.1 Site Drainage and Irrigation

The ground immediately adjacent to foundations should be provided with positive drainage away from the structures in accordance with 2016 CBC, Section 1804.4. However, the ground slope may be reduced a minimum of 2% for soils and climatic reasons. No rain or excess water should be allowed to pond against structures such as walls, foundations, flatwork, etc.

Excessive irrigation water can be detrimental to the performance of the proposed site development. Water applied in excess of the needs of vegetation will tend to percolate into the ground. Such percolation can lead to nuisance seepage and shallow perched groundwater. Seepage can form on slope faces, on the faces of retaining walls, in streets, or other low-lying areas. These conditions could lead to adverse effects such as the formation of stagnant water that breeds insects, distress or damage of trees, surface erosion, slope instability, discoloration and salt buildup on wall faces, and premature failure of pavement. Excessive watering can also lead to elevated vapor emissions within building that can damage flooring finishes or lead to mold growth inside the building.

Key factors that can help mitigate the potential for adverse effects of overwatering include the judicious use of water for irrigation, use of irrigation systems that are appropriate for the type of vegetation and geometric configuration of the planted area, the use of soil amendments to enhance moisture retention, use of low-water demand vegetation, regular use of appropriate fertilizers, and seasonal adjustments of irrigation systems to match vegetation needs for water. Specific recommendations should be provided by a landscape architect or other knowledgeable professional. Future homebuyers should be made aware of these issues and consequences.

6.9.2 Utility Trench Backfill

Trench excavations should be constructed in accordance with the recommendations contained in Section 6.1.6 of this report. Trench excavations must also conform to the requirements of Cal/OSHA.

Utility trench backfill within the property should be compacted to at least 90 percent of the Modified Proctor standard. Soils placed within the pipe zone (6 inches below and 12 inches above the pipe) should consist of particles no greater than ¾ inches and have a SE of at least 30. The materials within the pipe zone should be consolidated by heavily watering along with some vibratory compaction. Above the pipe zone (>1 foot above pipe), the backfill may consist of general fill materials. Trench backfill should be brought to slightly over optimum moisture content, placed in lifts no greater than 12 inches in thickness, and then mechanically compacted with appropriate equipment to at least 90 percent of the Modified Proctor standard. For trenches with sloped walls, backfill material should be placed in lifts no greater than 8 inches in loose thickness, and then compacted by a sheep-foot roller or similar equipment. The project geotechnical consultant should perform density testing along with probing to verify that adequate compaction has been achieved.

Within shallow trenches (less than 18 inches deep) where pipes may be damaged by heavy compaction equipment, imported clean sand having a SE of 30 or greater may be utilized. The sand should be placed in the trench then heavily watered. For utility trenches located below a 1:1 (H:V) plane projecting downward from the outside edge of the adjacent footing base or crossing footing trenches, concrete or slurry should be used as trench backfill.

6.10 PLAN REVIEWS AND CONSTRUCTION SERVICES

We recommend that ***Albus-Keefe & Associates, Inc***. be engaged to review grading plans and foundation plans prior to construction. The purpose of this is to provide any additional comments and specific recommendations for site grading and development, as well as to verify that the recommendations contained in this report have been properly interpreted and are incorporated into the project specifications. If we are not provided the opportunity to review these documents and perform the necessary engineering analyses, we take no responsibility for misinterpretation of our recommendations.

We recommend that a geotechnical consultant be retained to provide soil engineering services during the grading and construction phases of the work. This is to observe compliance with the design, specifications or recommendations, and to allow design changes in the event that subsurface conditions differ from those anticipated prior to the start of construction.

7.0 LIMITATIONS

This report is based on the proposed development of the site as indicated on the referenced plans, and our subsurface exploration, laboratory testing, engineering analyses and geologic analyses. The materials encountered on the project site are believed representative of the total project area, and the conclusions and recommendations contained in this report are presented on that basis. However, soil and bedrock materials can vary in characteristics between points of exploration, both laterally and vertically, and those variations could affect the conclusions and recommendations contained herein. As such, observation and testing by a geotechnical consultant during the grading and construction phases of the project are essential to confirming the basis of this report.

This report has been prepared consistent with that level of care being provided by other professionals providing similar services at the same locale and time period. The contents of this report are professional opinions and as such, are not to be considered a guaranty or warranty.

This report should be reviewed and updated after a period of one year or if the site ownership or project concept changes from that described herein.

This report has been prepared for the exclusive use of **Griffin Capital Company, LLC** to assist the project consultants in the design of the proposed development. This report has not been prepared for use by parties or projects other than those named or described herein. This report may not contain sufficient information for other parties or other purposes.

This report is subject to review by the controlling governmental agency.

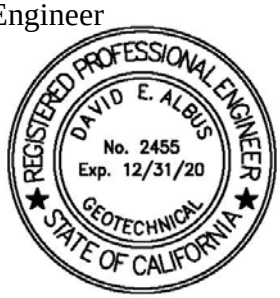
Respectfully submitted,

ALBUS-KEEFE & ASSOCIATES, INC

Bidjan Ghahreman
Associate Engineer
G.E. 3111



David E. Albus
Principal Engineer
G.E. 2455



8.0 REFERENCES

Publications

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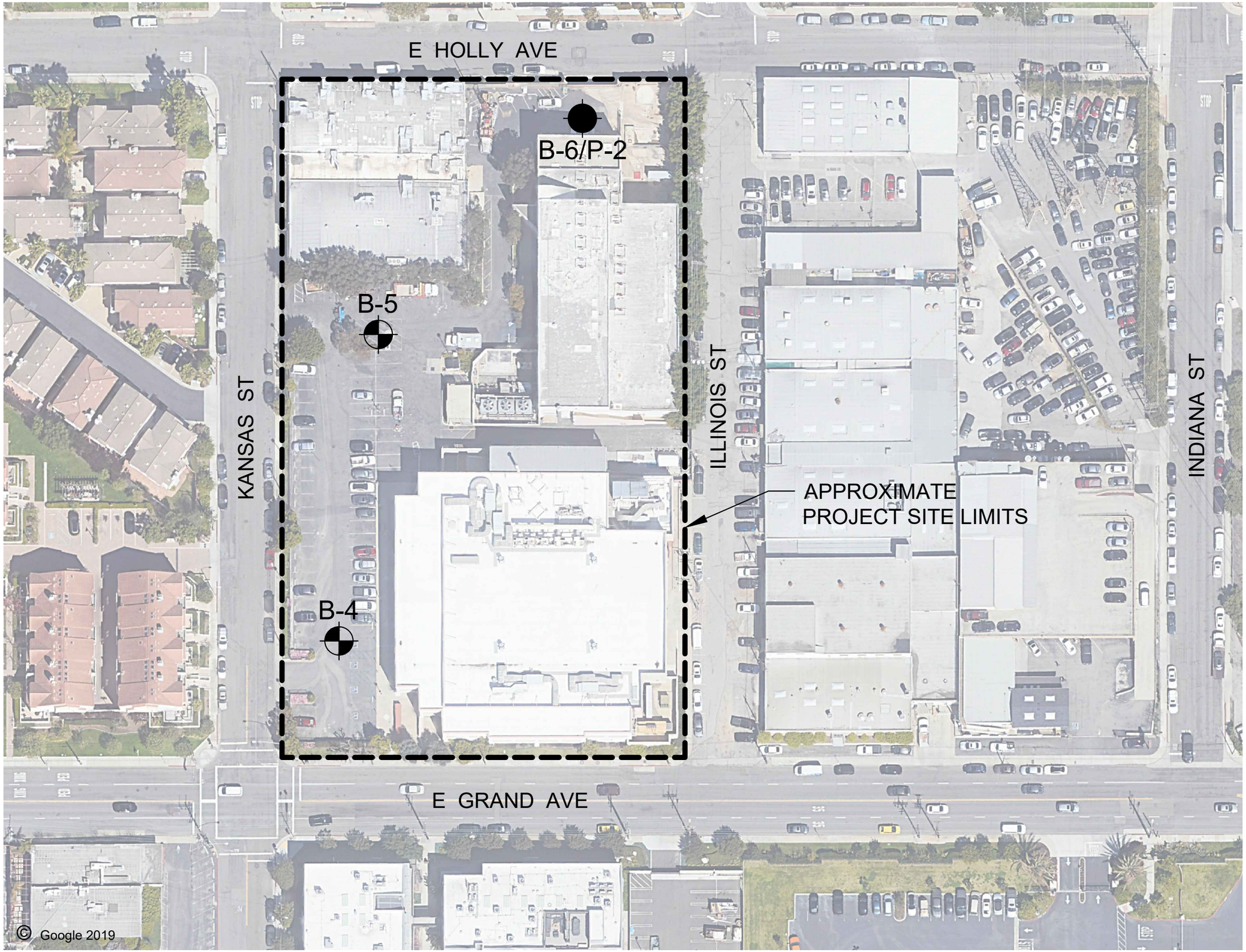
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N

0 25 50 100

APPROX SCALE : 1" = 50'

EXPLANATION

(Locations Approximate)

- Exploratory Boring
- Exploratory Boring and Percolation Test

ALBUS-KEEFE & ASSOCIATES, INC.
GEOTECHNICAL CONSULTANTS

GEOTECHNICAL MAP

Job No.: 2858.00	Date: 12/19/19	Plate: 1

APPENDIX A

EXPLORATORY LOGS

EXPLORATION LOG

Project:		Location:
Address:		Elevation:
Job Number:	Client:	Date:
Drill Method:	Driving Weight:	Logged By:

Depth (feet)	Lith-ology	Material Description	Water	Samples: Blows Per Foot	Samples: Core	Samples: Bulk	Laboratory Tests: Moisture Content (%)	Laboratory Tests: Dry Density (pcf)	Laboratory Tests: Other Lab Tests
5		**EXPLANATION** Solid lines separate geologic units and/or material types. Dashed lines indicate unknown depth of geologic unit change or material type change. **Solid black rectangle** in Core column represents California Split Spoon sampler (2.5in ID, 3in OD). **Double triangle** in core column represents SPT sampler. **Vertical Lines** in core column represents Shelby sampler. **Solid black rectangle** in Bulk column respresents large bag sample. **Other Laboratory Tests:** Max = Maximum Dry Density/Optimum Moisture Content EI = Expansion Index SO4 = Soluble Sulfate Content DSR = Direct Shear, Remolded DS = Direct Shear, Undisturbed SA = Sieve Analysis (1" through #200 sieve) Hydro = Particle Size Analysis (SA with Hydrometer) 200 = Percent Passing #200 Sieve Consol = Consolidation SE = Sand Equivalent Rval = R-Value ATT = Atterberg Limits							
10									
15									
20									

EXPLORATION LOG

Project: North Grand Parcels, Smoky Hollow, El Segundo, CA		Location: B-4
Address: 1521 E Grand Ave, El Segundo, CA		Elevation: 116
Job Number: 2858.00	Client: Griffin Capital Company, Inc.	Date: 12/11/2019
Drill Method: Hollow-Stem Auger	Driving Weight: 140 lbs / 30 in	Logged By: MP

Depth (feet)	Lith-ology	Material Description	Water	Samples: Blows Per Foot	Samples: Core	Samples: Bulk	Laboratory Tests: Moisture Content (%)	Laboratory Tests: Dry Density (pcf)	Laboratory Tests: Other Lab Tests
		Asphalt (AC): 3 inches							
		Crushed Aggregate Base (CAB): 4.5 inches							
		ARTIFICIAL FILL (Af) Silty Sand (SM): Mottled medium brown and reddish brown, very moist to wet, dense, concrete debris present		64		■			
		@ 4 ft, Medium brownmedium dense		15		■			Consol
5		**OLD SAND DUNE DEPOSITS (Qos)** Silty Sand (SM): Medium reddish brown, slightly moist, medium dense, medium grained sand, pores present		13		■			Consol
		Sand with Silt (SP-SM): Reddish brown, slightly moist, medium dense, medium grained sand		15		■			
10									
		Silty Sand (SM): Reddish brown, slightly moist, very dense, fine to medium grained sand, pores present, magnesium oxide specs		33	■				
15									
		Sand (SP): Light brown, slightly moist, dense, medium grained sand, silt nodules present		21	■				
20									

Albus-Keefe & Associates, Inc.

Plate A-2

EXPLORATION LOG

Project: North Grand Parcels, Smoky Hollow, El Segundo, CA		Location: B-4
Address: 1521 E Grand Ave, El Segundo, CA		Elevation: 116
Job Number: 2858.00	Client: Griffin Capital Company, Inc.	Date: 12/11/2019
Drill Method: Hollow-Stem Auger	Driving Weight: 140 lbs / 30 in	Logged By: MP

Depth (feet)	Lith-ology	Material Description	Water	Samples: Blows Per Foot	Samples: Core	Samples: Bulk	Laboratory Tests: Moisture Content (%)	Laboratory Tests: Dry Density (pcf)	Laboratory Tests: Other Lab Tests
		@ 25 ft, no silt nodules present		23					
30				27					
		End of boring at 31.5 feet. No groundwater encountered. Backfilled with cement-bentonite mix. Patched with cold patch asphalt .							

EXPLORATION LOG

Project: North Grand Parcels, Smoky Hollow, El Segundo, CA		Location: B-5
Address: 1521 E Grand Ave, El Segundo, CA		Elevation: 105
Job Number: 2858.00	Client: Griffin Capital Company, Inc.	Date: 12/11/2019
Drill Method: Hollow-Stem Auger	Driving Weight: 140 lbs / 30 in	Logged By: MP

Depth (feet)	Lith-ology	Material Description	Water	Samples: Blows Per Foot	Samples: Core	Samples: Bulk	Laboratory Tests: Moisture Content (%)	Laboratory Tests: Dry Density (pcf)	Laboratory Tests: Other Lab Tests
		Asphalt (AC): 3 inches Crushed Aggregate Base (CAB): 2 inches							
		ARTIFICIAL FILL (Af) Silty Sand (SM): Grayish brown, slightly moist, loose, fine grained sand, pores and rootlets present		13	■				
5		@ 4 ft, Mottled light grayish brown and medium grayish brownmedium dense, no rootlets, some pores		16	■				Consol
		OLD SAND DUNE DEPOSITS (Qos) Silty Sand (SM): light brown, slightly moist, dense, trace medium grained sand		63	■				
		Sand with Silt (SP-SM): Mottled light brown and brown, slightly moist, dense, fine to medium grained sand							
10				47	■				
15		@ 15 ft, Reddish brownvery dense		82/ 11"	■				
		Sand (SP): Light brown, slightly moist, very dense, fine to medium grained sand							
20				41	⧗				

Albus-Keefe & Associates, Inc.

Plate A-4

EXPLORATION LOG

Project: North Grand Parcels, Smoky Hollow, El Segundo, CA		Location: B-5
Address: 1521 E Grand Ave, El Segundo, CA		Elevation: 105
Job Number: 2858.00	Client: Griffin Capital Company, Inc.	Date: 12/11/2019
Drill Method: Hollow-Stem Auger	Driving Weight: 140 lbs / 30 in	Logged By: MP

Depth (feet)	Lith-ology	Material Description	Water	Samples: Blows Per Foot	Samples: Core	Samples: Bulk	Laboratory Tests: Moisture Content (%)	Laboratory Tests: Dry Density (pcf)	Laboratory Tests: Other Lab Tests
		@ 26.5 ft, Tan brownincreased fine grained sand		43					
30		@ 30 ft, fine to coarse grained sand, trace Bt lense		59					
		End of boring at 31.5 feet. No groundwater encountered. Backfilled with cement-bentonite mix. Patched with asphalt cold patch.							

EXPLORATION LOG

Project: North Grand Parcels, Smoky Hollow, El Segundo, CA		Location: B-6
Address: 1521 E Grand Ave, El Segundo, CA		Elevation: 102
Job Number: 2858.00	Client: Griffin Capital Company, Inc.	Date: 12/11/2019
Drill Method: Hollow-Stem Auger	Driving Weight: 140 lbs / 30 in	Logged By: MP

Depth (feet)	Lith-ology	Material Description	Water	Samples: Blows Per Foot	Samples: Core	Samples: Bulk	Laboratory Tests: Moisture Content (%)	Laboratory Tests: Dry Density (pcf)	Laboratory Tests: Other Lab Tests
		Asphalt (AC): 6 inches							SO4 DS pH Resist Ch Max EI
		ARTIFICIAL FILL (Af) Silty Sand (SM): Medium brown, slightly moist, medium dense, fine grained sand, pores present, cemented layers							
5		@ 5 ft, no pores		29					
		OLD SAND DUNE DEPOSITS (Qos) Silty Sand (SM): Mottled light brown and medium brown, slightly moist, medium dense, fine to medium grained sand, decreased fines		36					
10		Sand (SP): Mottled light brown and medium brown, slightly moist, medium dense, fine to medium grained sand, possible pores, cemented, some fines		36					
15		@ 15 ft, mottled reddish brown and medium reddish brownvery dense, rootlets and pores present, decreased fines		80					
20		@ 20 ft, Light browndense, no pores and cementation		28					SA

Albus-Keefe & Associates, Inc.

Plate A-6

EXPLORATION LOG

Project: North Grand Parcels, Smoky Hollow, El Segundo, CA		Location: B-6
Address: 1521 E Grand Ave, El Segundo, CA		Elevation: 102
Job Number: 2858.00	Client: Griffin Capital Company, Inc.	Date: 12/11/2019
Drill Method: Hollow-Stem Auger	Driving Weight: 140 lbs / 30 in	Logged By: MP

Depth (feet)	Lith-ology	Material Description	Water	Samples: Blows Per Foot	Samples: Core	Samples: Bulk	Laboratory Tests: Moisture Content (%)	Laboratory Tests: Dry Density (pcf)	Laboratory Tests: Other Lab Tests
		@ 25 ft, very dense, increased medium grained sand		35					
30		@ 30 ft, medium grained sand, some fine and coarse grained sand, decreased fines, Bt lenses		59					SA
35		@ 35 ft, decreased medium grained sand, fine grained sand, no Bt lenses		57					
40				53					
45				73					

EXPLORATION LOG

Project: North Grand Parcels, Smoky Hollow, El Segundo, CA		Location: B-6
Address: 1521 E Grand Ave, El Segundo, CA		Elevation: 102
Job Number: 2858.00	Client: Griffin Capital Company, Inc.	Date: 12/11/2019
Drill Method: Hollow-Stem Auger	Driving Weight: 140 lbs / 30 in	Logged By: MP

Depth (feet)	Lith-ology	Material Description	Water	Samples			Laboratory Tests		
				Blows Per Foot	Core	Bulk	Moisture Content (%)	Dry Density (pcf)	Other Lab Tests
				66					
		End of boring at 51.5 feet. No groundwater encountered. Backfilled with cement-bentonite mix. Patched with asphalt cold patch.							

APPENDIX B

LABORATORY TEST PROGRAM

LABORATORY TESTING PROGRAM

Soil Classification

Soils encountered within the exploratory borings were initially classified in the field in general accordance with the visual-manual procedures of the Unified Soil Classification System (ASTM D 2487). The samples were re-examined in the laboratory and field classifications reviewed and then revised where appropriate. The assigned group symbols are presented in the exploratory logs provided in Appendix A.

In-Situ Moisture Content and Dry Density

Moisture content and dry density of in-place soil materials were determined in representative strata. Test data are presented on the Exploration Logs provided in Appendix A.

Maximum Dry Density and Optimum Moisture Content

Maximum dry density and optimum moisture content test was performed on representative samples of the site materials obtained from our field explorations. The test was performed in accordance with Method A of ASTM D 1557. Pertinent test values are given in Table B.

Grain Size Distribution Analysis

Grain size distribution/hydrometer analysis was performed on selected samples to verify visual classifications performed in the field. The test was performed in accordance with ASTM D 422-63. Test results are graphically presented on Plates B-1 and B-2.

Direct Shear

The Coulomb shear strength parameters, angle of internal friction and cohesion, were determined for a bulk sample obtained from one our borings. The tests were performed in general conformance with Test Method ASTM D 3080. The sample was remolded to 90 percent of maximum dry density and at the optimum moisture content. Three specimens were prepared for each test, artificially saturated, and then sheared under varied loads at an appropriate constant rate of strain. Results are graphically presented on Plates B-5.

Consolidation

Consolidation Tests were performed in general conformance with Test Method ASTM D 2435. Axial loads were applied in several increments to a laterally restrained 1-inch-high sample. Loads were applied in geometric progression by doubling the previous load, and the resulting deformations were recorded at selected time intervals. The test samples were inundated at a selected surcharge loading in order to evaluate the effects of a sudden increase in moisture content. Results of these tests are graphically presented on Plates B-3 and B-4.

Corrosion

Select samples were tested for minimum resistivity and pH in accordance with California Test Method 643. Results of these tests are provided in Table B.

Soluble Sulfate Content

Chemical analysis was performed on one selected sample to determine soluble sulfate content. The test was performed in accordance with California Test Method No. 417. The test result is included on Table B.

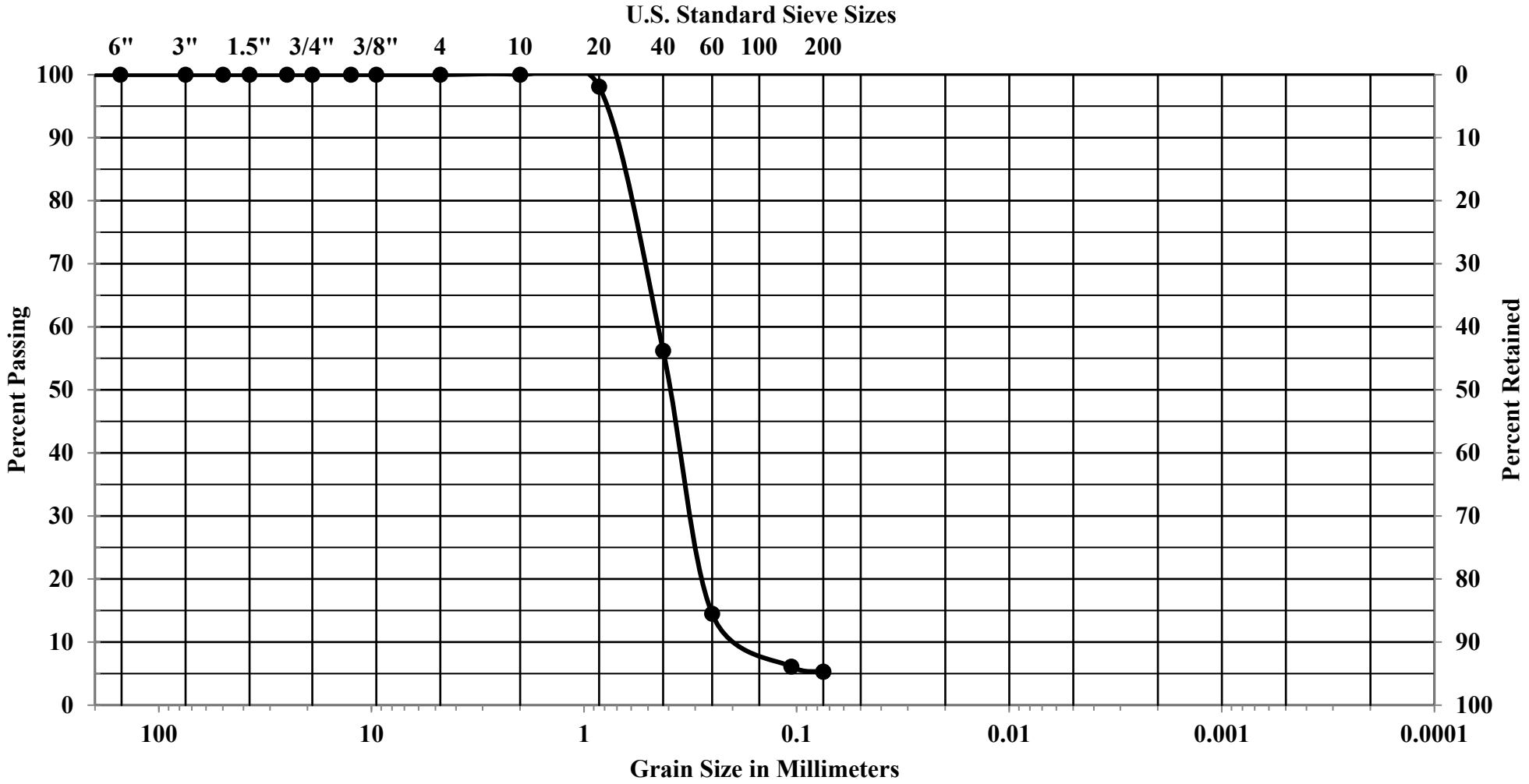
TABLE B
SUMMARY OF LABORATORY TEST RESULTS

Boring No.	Sample Depth (ft.)	Soil Description	Test Results	
B-6	0-5	Silty Sand (SM)	Maximum Dry Density: Optimum Moisture Content: Soluble Sulfate Content: Sulfate Exposure: pH: Resistivity: Soluble Chloride Content:	133.5 pcf 8.0% 0.051% Negligible 7.49 12,000 ohm-cm 11.7 ppm

Additional laboratory test results are provided on the boring logs provided in Appendix A.

GRAIN SIZE DISTRIBUTION

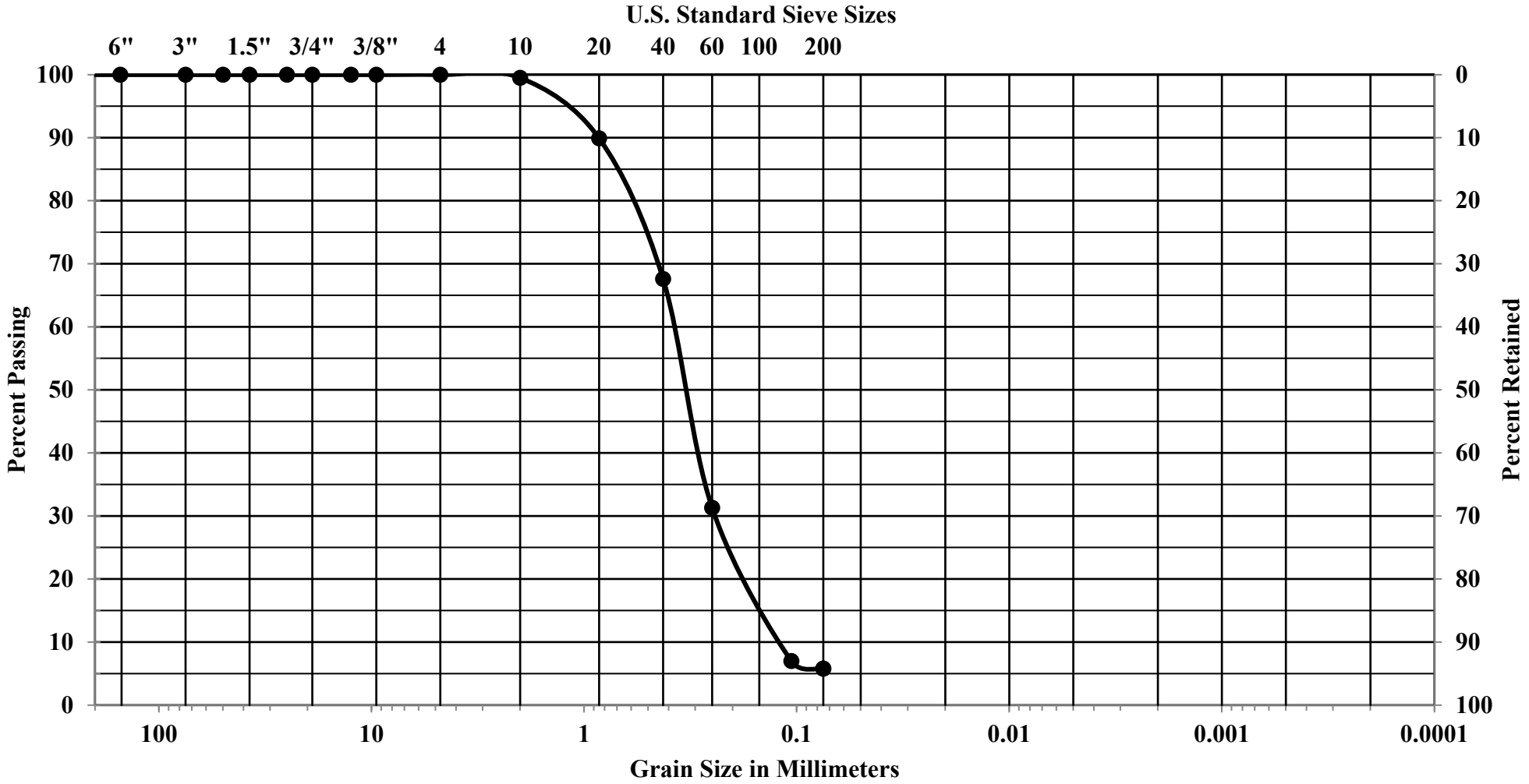
COBBLES	GRAVEL		SAND			SILT AND CLAY
	COARSE	FINE	COARSE	MEDIUM	FINE	



Job Number	Location	Depth	Description
2858.00	B-6	20	Sand trace Silt (SP)

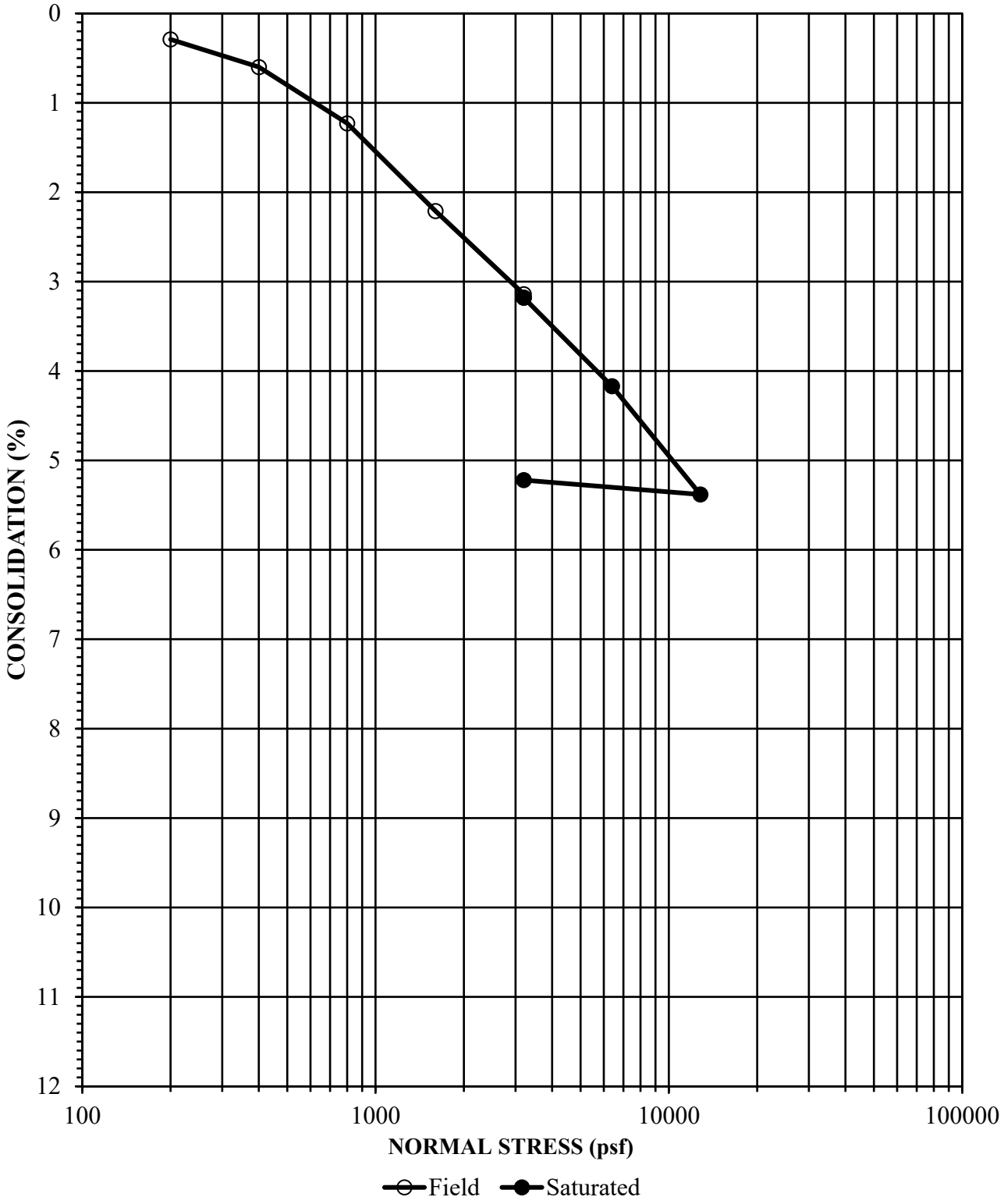
GRAIN SIZE DISTRIBUTION

COBBLES	GRAVEL		SAND			SILT AND CLAY
	COARSE	FINE	COARSE	MEDIUM	FINE	



Job Number	Location	Depth	Description
2858.00	B-6	30	Sand trace Silt (SP)

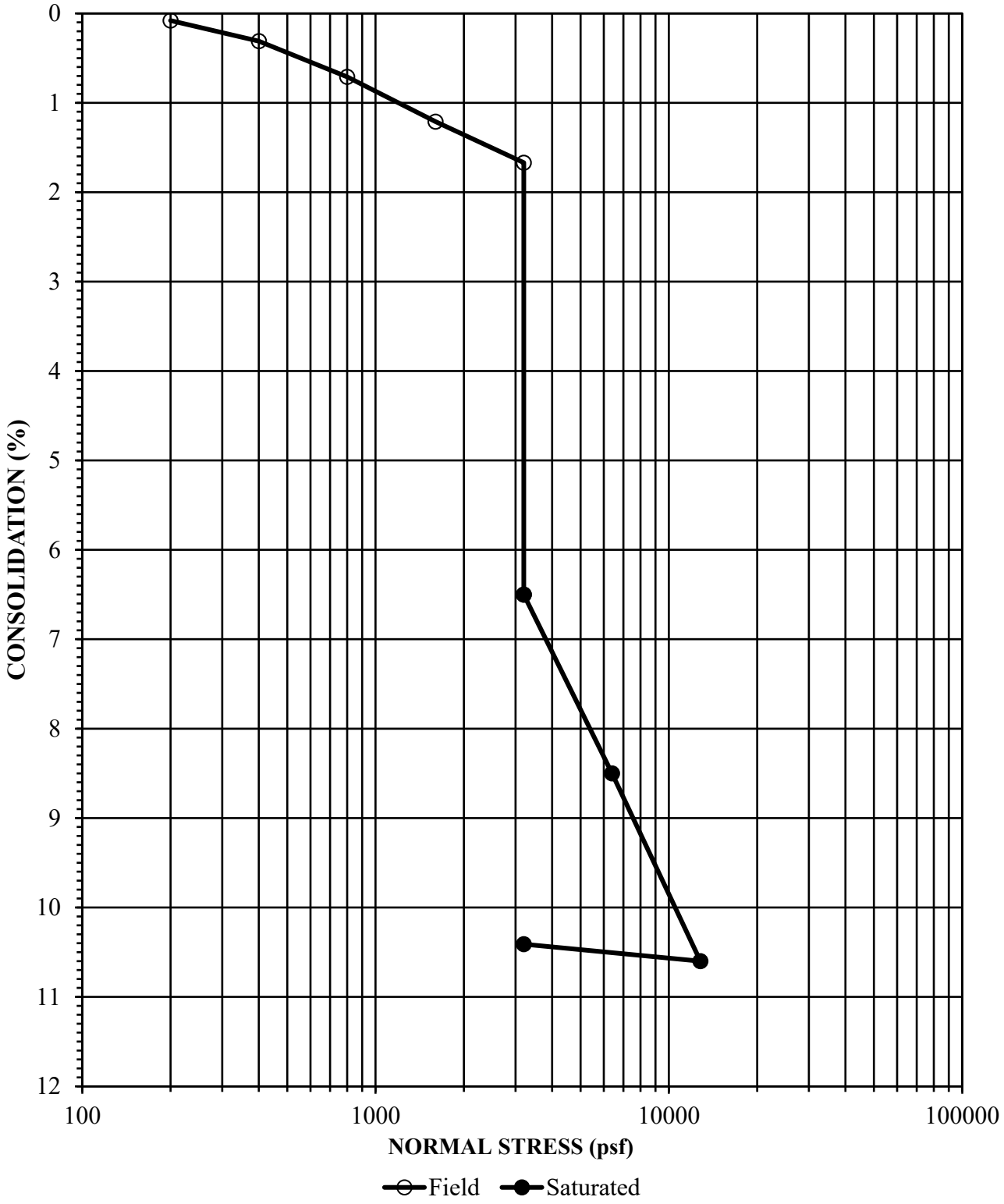
CONSOLIDATION



Job Number	Location	Depth	Description
2858.00	B-4	4	Silty Sand (SM)

Initial Dry Density (pcf)	Initial Moisture Content (%)	Final Moisture Concent (%)
101.7	19.8	15.7

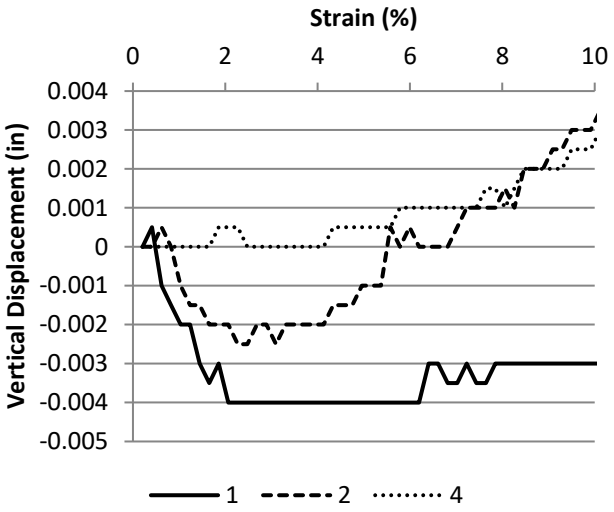
CONSOLIDATION

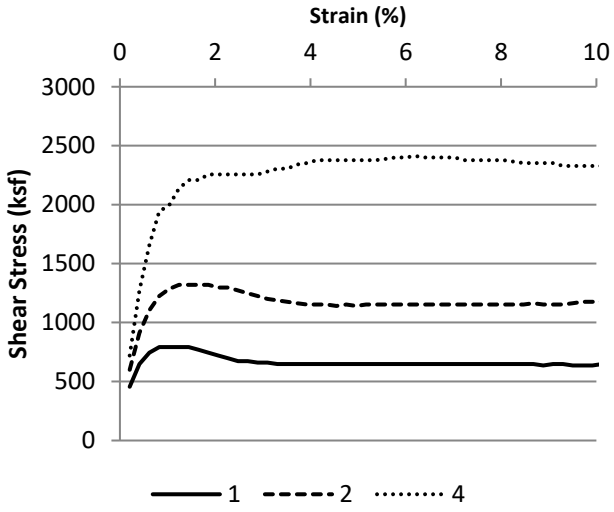


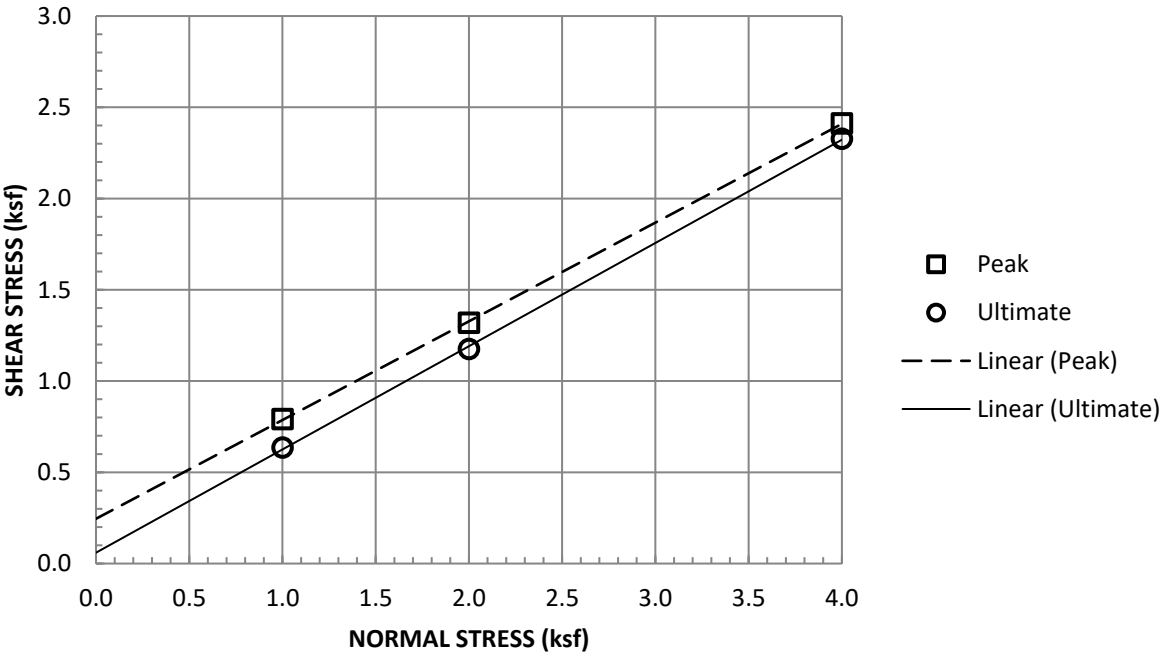
Job Number	Location	Depth	Description
2858.00	B-4	6	Silty Sand (SM)

Initial Dry Density (pcf)	Initial Moisture Content (%)	Final Moisture Concent (%)
114.7	3.3	10

DIRECT SHEAR







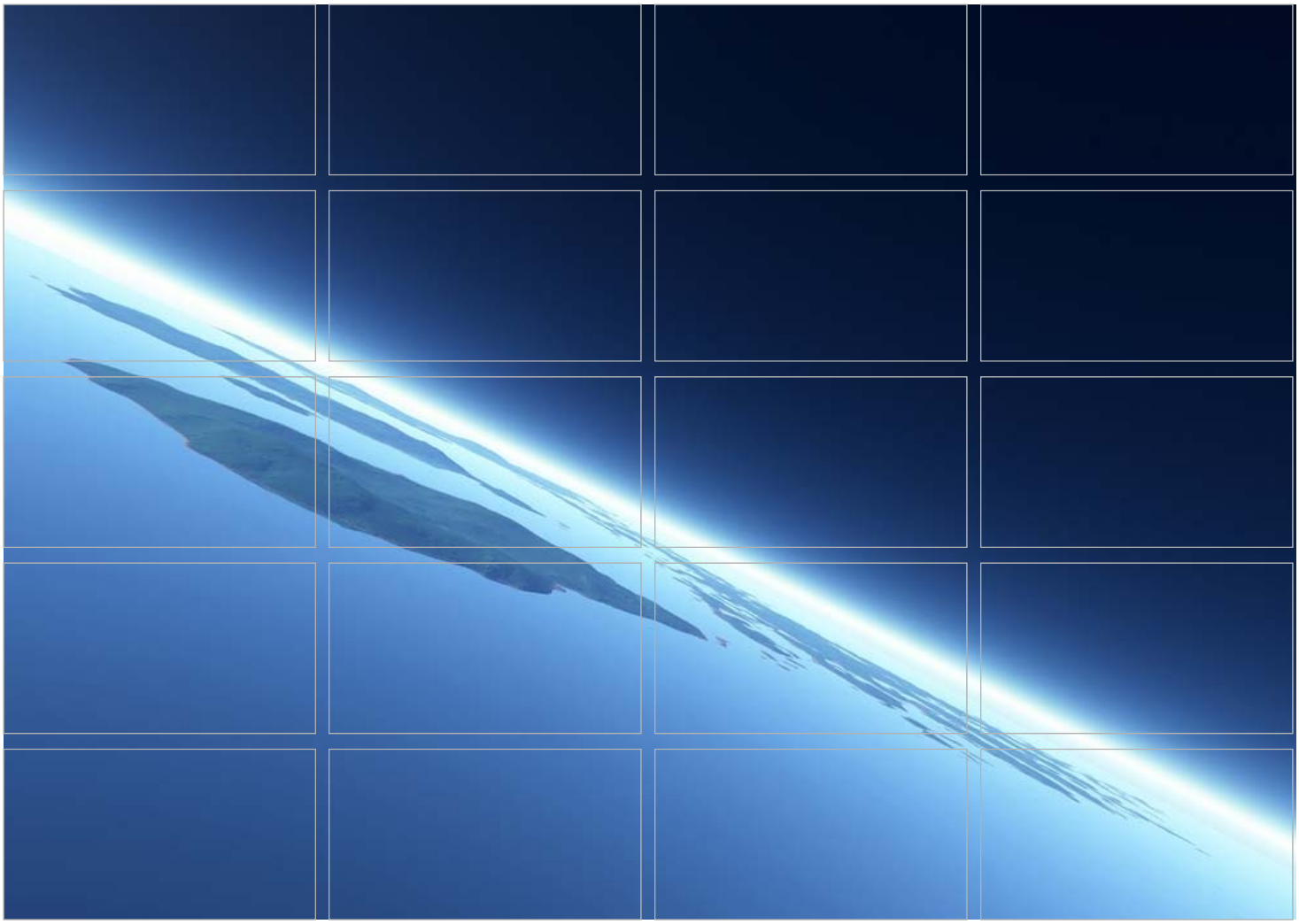
Sample Type:	Remolded 90% of 133.5 @ 8%, Saturated		
Normal Stress (ksf)	1	2	4
Peak Shear Stress (ksf)	0.792	1.32	2.412
Peak Displacement (in)	0.004	0.004	0.003
Ultimate Shear Stress (ksf)	0.636	1.176	2.328
Ultimate Displacement (in)	0.25	0.25	0.25
Initial Dry Density (pcf)	120.1	120.1	120.1
Initial Moisture Content (%)	8	8	8
Final Moisture Content (%)	11	10.2	10.7
Strain Rate (in/min)	0.01		

Job Number	Location	Depth	Description
2858.00	B-6	0-5	Sand / Silty Sand (SP/SM)

Appendix C-1

Phase I Environmental Site Assessment

The following document is marked Attorney-Client Work Product. However, it was submitted as part of the application package and therefore, is now part of the public record.



Attorney-Client Work Product
Phase I Environmental Site Assessment

Block 2
1521 East Grand Avenue, 330 Kansas Street, and 340-348 Kansas Street
El Segundo, California 90245

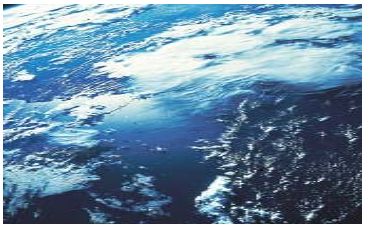
August 2016

Prepared for:
Loeb & Loeb LLP

The business of sustainability

ERM

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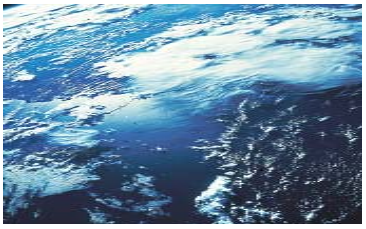
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Executive Summary



On behalf of Loeb & Loeb (the “Client”), ERM-West, Inc. (ERM) completed a Phase I Environmental Site Assessment (ESA) of the Infineon Technologies Americas Corporation (Infineon) Block 2 property, which included buildings located at 1521 East Grand Avenue, 330 Kansas Street, and 340-348 Kansas Street, El Segundo, Los Angeles County, California (the “Subject Property” or the “Site”). The ESA was performed to provide environmental due diligence services in support of a potential financial transaction for the Subject Property.

The Phase I ESA was conducted in accordance with the scope and limitations of ASTM International (ASTM) Standard E 1527-13, Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process. Exceptions to, or deletions from, E1527-13 are described in Section 1.3.4 of this report.

The Site visit was performed on 26 June 2016 by ERM assessors, Ms. Maggie Tymkow and Mr. Kyle Pickford. ERM was accompanied on the Site visit by Mr. Ro Gunetilleke, Senior Manager, Site Services & Facilities for Infineon.

The Subject Property consists of six adjacent parcels which are improved with three Infineon buildings and asphalt paved parking areas. Based on historical documents reviewed and interviews conducted, the Subject Property was undeveloped from at least the 1890s until construction of buildings began on-site between 1947 and 1956 by International Rectifier Corporation (IRC). IRC owned and operated the Site until 2008. A small building (318 Kansas Street) was located on the southwestern portion of the Site from 1950s to 1997. IRC used this building for offices and maintenance operations (e.g. parts repair, welding operations). IRC operated the Site until 2014. The Site has remained inactive and partially vacant since 2014, with the exception of the 1521 East Grand Avenue facility that is in operation. The 1521 East Grand Avenue facility is used as research and development laboratories. The inactive Site buildings are used for storage of office furniture and electronics. In January 2015, Infineon acquired IRC. In September 2015, IRC changed its name to Infineon but remained the owner of the Subject Property.

Infineon and IRC operations consisted of semiconductor device manufacture for commercial and military applications. The manufacturing process included the selective chemical etching of silicon wafers, the basic material of a microchip or "die"; next special materials were deposited into the wafer, imparting it with characteristics needed to conduct energy; and finally, the dies were packaged in plastic and metal devices ready to be used in electronics. Other Site activities included device testing, R&D, administration, sales, accounting, marketing, and shipping and maintenance operations.

The Site is located in an area that is currently characterized by light-industrial, commercial and residential use. The Site area includes the El Segundo Oil Field, in operation since in the 1920s. Block Oil Co. well "Block 21" (also known as "Elsie 119-1") was located in the central portion of the Site. The Wilshire Oil Company, Inc. drilled this well in October 1937 and the Block Oil Co. abandoned the well in June 1948. The area gradually began to develop in the 1950s.

ERM has identified the following conclusions associated with the Site (full details are provided in Section 6 of this report).

Summary of Identified Issues
ASTM E1527-13 Findings:
Recognized Environmental Conditions (RECs)[1]
Potential Subsurface Impact from the Wastewater Pre-treatment System (Acid Waste Neutralization System) at 330 Kansas Street: In a letter dated 23 July 2014, the El Segundo Fire Department (ESFD) stated that because this industrial wastewater pre-treatment system is still permitted at the 330 Kansas Street Site facility (also treated wastewater from 1521 East Grand Avenue Site facility) and the conditional authorization for waste neutralization is not closed, the permit requires closure sampling and analysis for both the wastewater system and tiered permit unit. This issue is considered a REC.
Controlled Recognized Environmental Conditions (CRECs)[1]
Former Hazardous Materials Underground Storage Tanks (USTs): Between 27 July and 14 August 1998, one 10,000-gallon diesel, one 6,000-gallon wastewater, and one 6,000-gallon waste solvent USTs were excavated and removed from the central portion of the Site under ESFD oversight. Trace metal constituents (arsenic, chromium, nickel, and zinc) were detected in soil samples collected below the wastewater UST. All of the detected metal constituents were below respective California Total Threshold Limit Concentration levels. ESFD stated that "no further action" is necessary regarding the former USTs. The former USTs represent a CREC for the Site.
Historical Recognized Environmental Conditions (HRECs)[1]
None identified.
De Minimis Conditions[1]
Known Low Levels of Total Extractable Hydrocarbons (TEH) and Perchloroethylene (PCE) in Soil at 1521 East Grand Avenue: According to a limited subsurface investigation performed at 318 Kansas Street (a historical Subject Property address) and 1521 East Grand Avenue, low concentrations of TEH (380 milligrams per kilogram [mg/kg]) and (2.3 micrograms per kilogram of) perchloroethylene (PCE) were reported and left in place in the pipe fitting area. TEH and PCE concentrations are limited to the upper 5 feet of soil in this area. The concentration of PCE was below the United States Environmental Protection Agency Regional Screening Level. The concentration of TEH was below the Regional Water Quality Control Board guidance for remediation of petroleum-impacted soil. These concentrations, if left in place, do not present a threat to human health or the environment and would not likely be a subject of an enforcement action if brought to the attention of appropriate governmental agencies. *Historical Railroad:* A railroad line ran through the southwest corner of the Site until the early 1980s. The subsurface in the vicinity of the former railroad was evaluated for the presence of total extractable hydrocarbons (TEH), 17 California Assessment Metals (CAM), and volatile organic compounds (VOCs). Soil samples collected at 5 feet bgs did not contain detectable TEH or VOCs. Metals were below levels of concern (i.e. below the U.S. Environmental Protection Agency [USEPA] Region IX Preliminary Remediation Goals (PRGs) and the California Total Threshold Limit Concentrations (TTLCs) for hazardous waste. These low metal concentrations, if left in place, do not present a threat to human health or the environment and would not likely be a subject of an enforcement action if brought to the attention of appropriate governmental agencies. *Historical Oil Well:* Block Oil Co. well "Block 21" (also known as "Elsie 119-1") was located in the central portion of the Site. The Wilshire Oil Company, Inc. drilled this well in October 1937 and the Block Oil Co. abandoned the well in June 1948. According to the 1938 aerial photograph, four bulk storage tanks were

[1] Key ASTM definitions, including REC, CREC, HREC, and Data Gap are provided in Section 8

depicted along the northern boundary and the 1947 aerial photograph depicted a sump along the eastern boundary of the Site, most likely associated with the oil field operations in the area. The Subject Property is located within the El Segundo Oil Field. The Site has been redeveloped since the oil well abandonment. The 330 Kansas Street building is currently located in place of the historical tanks and sump; and former oil well was adjacent to the removed USTs.

Non-ASTM E1527-13 Issues:

Other Potential Issues

Known Remaining Pipelines at 1521 East Grand Avenue: An inactive pipeline system remains beneath East Grand Avenue that was used for transporting liquid hydrogen, liquid nitrogen, and clean dry air from the 222 Kansas Street (south adjacent property) to 1521 East Grand Avenue buildings. These pipelines, although not active, remain in place below the street and connect to the East Grand Avenue building.

Known Asbestos Containing Materials (ACM): According to a limited asbestos survey, the following ACMs were present within the Subject Property at the 330 Kansas Street building:

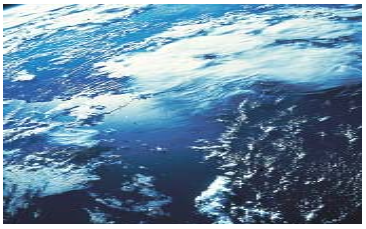
- 12x12 tan floor tile contains 3 percent chrysotile
- 12x12 tan floor tile contains 2.2 percent chrysotile
- Black mastic contains <1 percent chrysotile
- Transite panel assumed asbestos containing

According to a limited asbestos survey, the following ACMs were present within the Subject Property at the 348 Kansas Street building.

- 9x9 beige floor tile contains 5 percent chrysotile
- Black patch mastic contains 5 percent chrysotile

These above materials were observed to be in good condition during the Site reconnaissance. ACMs are not labeled.

1. Introduction and Background



1.1 Purpose and Auditors

On behalf of Loeb & Loeb (the "Client"), ERM-West, Inc. (ERM) completed a Phase I Environmental Site Assessment (ESA) of the Infineon Technologies Americas Corporation (Infineon) Block 2 property, which included buildings located at 1521 East Grand Avenue, 330 Kansas Street, and 340-348 Kansas Street, El Segundo, Los Angeles County, California (the "Subject Property" or the "Site"). The ESA was performed to provide environmental due diligence services in support of the potential financial transaction involving the Subject Property.

The Site visit was performed on 26 June 2016 by ERM assessors, Ms. Maggie Tymkow and Mr. Kyle Pickford. ERM was accompanied on the Site visit by Mr. Ro Gunetilleke, Senior Manager, Site Services & Facilities for Infineon.

The "User" of this Phase I ESA report, as prescribed under ASTM International (ASTM) Standard E 1527-13, Standard Practice for Environmental Site Assessments: Phase I ESA Process ("E1527-13"), is defined as Infineon who is also the Site owner.

1.2 Scope of Work

This ESA was conducted in conformance with ERM's proposal dated 26 May 2016 and with the requirements of ASTM Standard E 1527-13, Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process. Exceptions to, or deletions from, E1527-13 are described in Section 1.3.4 of this report.

ERM's Phase I ESA sought to gather information regarding: (1) current and past property uses and occupancies; (2) current and past use of hazardous substances and petroleum products; (3) waste management and disposal activities that could have caused a release or threatened release of hazardous substances; (4) current and past corrective actions and response activities to address past and on-going releases of hazardous substances at the Subject Property; and (5) properties adjoining or located near the Subject Property that have environmental conditions that could have resulted in conditions indicative of releases or threatened releases of hazardous substances to the Subject Property.

The scope of this Phase I ESA included:

- An on Site inspection to evaluate current conditions and identify areas of potential concern;
- A review of the history of the Subject Property and its vicinity through interviews and a review of various historical sources;
- Observation of adjoining properties and properties in the local area to evaluate the potential for adverse environmental impact to the Subject Property;
- Interviews/research of local city/county, tribal, state, and federal records, including contracting of Environmental Data Resources, Inc. (EDR) to identify regulatory listings for the Site and regulatory-listed facilities in the vicinity of the Site, as required in the regulatory records review section of the ASTM E1527-13; and

- Interviews and/or requests for information from the User and Subject Property owner, as deemed appropriate by the Environmental Professional.

The following considerations, classified as “non-scope considerations” in ASTM Standard E 1527-13, are included in the scope of ERM’s Assessment:

- A preliminary building asbestos assessment was conducted. The asbestos assessment included visible observations of readily accessible building areas. No sampling was conducted.

1.3 Limiting and Special Conditions

1.3.1 Limiting Conditions During the Site Visit

No limiting conditions were encountered during the Site visit.

1.3.2 Data Gaps

The following table summarizes the data gaps identified during the Site assessment.

Table 1-1 Data Gap Summary

Data Gap	Sources Consulted to Address Data Gap	Significance*
An environmental lien search was not requested or provided for this Site.	Interviews with Site personnel familiar with the Subject Property, tax records, historical topographic maps, aerial photos, and city directories.	Non-Significant
ERM has not received a response from the Department of Toxic Substances Control (DTSC) - Chatsworth regarding file review information.	ERM review of previous environmental reports and other historical sources	Non-Significant

* “*Significance*” provides a qualitative indication of the implication of the identified data gap relative to the Environmental Professional’s (EP’s) ability to identify conditions indicative of releases or threatened releases to the Subject Property; the ‘significance’ of the data gaps are rated from low to high. “*Non-significant*” indicates that additional information to fill the data gaps is not likely to have a negative impact on ERM’s conclusions presented in this report. “*Significant*” indicates that it is ERM’s opinion that additional diligence or investigation (such as additional data review or physical sampling of environmental media) is required to address the data gap.

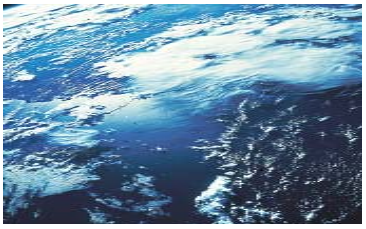
1.3.3 Significant Assumptions

No significant assumptions have been made.

1.3.4 Exceptions and Deletions to the ASTM E1527-13 Standard

ERM has not identified exceptions to, or deletions from the ASTM E1527-13 Standard.

2. Physical Site Setting



2.1 Location

The Site is located between East Holly Avenue, East Grand Avenue, Kansas Street, and Washington Court in El Segundo, Los Angeles County, California. The general location of the Site and the physiographic features of the surrounding area are shown on Figure 1, developed from the United States Geological Survey (USGS) 7.5-minute quadrangle for Venice, California dated 2012.

2.2 Topography and Hydrology

The Subject Property is located at an elevation of approximately 120-feet above mean sea level and slopes slightly to the southeast. Surface water at the Subject Property drains via overland flow on the northern and western portions of the Site and into an off-Site municipal storm sewer system on Kansas Street.

The overall topographic trend of the surrounding area varies because of the former sand dunes, but slopes mostly towards the southwest towards the Pacific Ocean. The nearest surface water body is the Pacific Ocean, located approximately 1.5 miles southwest of the Subject Property.

According to Federal Emergency Management Agency (FEMA) flood zones and U.S. Fish and Wildlife Service National Wetland Inventory data presented in the EDR® Radius Map™ Report, no portions of the Subject Property are located within delineated wetland areas or within the 100- and 500-year flood plains.

2.3 Geology and Hydrogeology

According to the United States Department of Agricultural Natural Resources Conservation Services web soil survey data for Los Angeles County, the Subject Property is comprised of Delhi series soils. These soils consist of well-drained to excessively-drained sands and gravels.

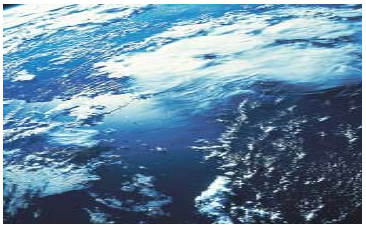
According to the EDR report, there are no federal or state groundwater wells located within 1.0 mile of the Subject Property. No wells were observed at the Subject property during the Site visit. The Subject Property is located within the El Segundo Sand Hills of the Los Angeles Coastal Plain. The water bearing formations of this basin include deposits of recent and Pleistocene Age alluvium overlying Pliocene and Miocene Age sedimentary deposits. Principal aquifers located beneath the Site include the Ballona and Silverado Aquifers.

According to a tank removal report for an adjacent parcel, groundwater in the vicinity of the Site is deeper than 80 feet below ground surface (bgs). Seawater intrusion and off-Site hydrocarbon sources affect regional groundwater quality in the area. The West Coast Basin Barrier project, designed to control seawater intrusion by the creation of an artificial gradient using water injection is located to the east of the Site. Due to the seawater intrusion, groundwater in the basin is not designated for use by the Los Angeles Regional Water Quality Control Board (RWQCB). The general groundwater flow is reported to the west.

According to the Division of Oil, Gas & Geothermal Resources (DOGGR) well finder database, the Subject Property is located within the El Segundo Oil Field. According to DOGGR files, Block Oil Co. well "Block 21" (also known as "Elsie 119-1") was located in the central portion of the Site. The location of this well was described on Lot 229 as being 258 feet north and 144 feet east from the center lines of Grand Avenue and Kansas Street, respectively. Figure 2 shows the location of this well. The Wilshire Oil Company, Inc. drilled this well in October 1937 to a total depth of 7,208 feet bgs. The well changed ownership several times in the 1940s, and the Block Oil Co. abandoned the well in June 1948. There are 98 oil and gas wells (active and abandoned) within 1 mile of the Subject Property. Eight of the 98 wells are located within 0.125 mile from the Subject Property. The remaining wells are greater than 0.25 mile from the Site. Production in the El Segundo oil field is in decline, and the majority of formerly drilled and producing wells have been plugged, and associated surface facilities removed.

Attorney-Client Work Product

3. Site Description, Operations & History



3.1 General Site Description

3.1.1 Real Estate Ownership Information

According to information obtained from the Los Angeles County Assessor's Office and Infineon, the Subject Property is currently owned by IRC. The Subject Property consists of six adjacent parcels identified by Assessor's Parcel Numbers listed in the table below:

Parcel Number	Associated Address
4139-008-047	1521 East Grand Avenue
4139-008-046 and 4139-008-018	330 Kansas Street
4139-008-010, 4139-008-011, and 4139-008-012	340 and 348 Kansas Street

3.1.2 Subject Property Layout

The Subject Property is comprised of approximately 3.23 acres and is improved with three buildings. The individual parcels are described below:

Building at 330 Kansas Street is improved with a three-story, approximately 29,754-square-foot concrete tilt-up former semiconductor manufacturing building that was constructed in 1980. This building is currently vacant (used for storage) and was decontaminated in 2013 and certified for reoccupation. Currently no chemicals are stored at this facility.

Building at 1521 East Grand Avenue is improved with a two-story, approximately 48,656-square-foot concrete tilt-up former semiconductor manufacturing building, currently used as research and development laboratories, that was constructed in between 1997. A clarifier is present along the western side of the building.

Building at 340 - 348 Kansas Street is improved with a single-story, approximately 17,920-square-foot concrete tilt-up former electrical laboratory building that was constructed between 1952 and 1954. This building is currently vacant and used for furniture storage. Currently no chemicals are stored at this facility.

Storm water drains overland and discharges off-Site to a storm water drain located on Kansas Street.

The Site is provided with water for sanitary and drinking use and sanitary sewer services from the City of El Segundo. The Gas Company provides natural gas service and Southern California Edison is the provider of electric utility services for the Subject Property.

A Site Layout Map is provided as Figure 2 and a Surrounding Area Map is provided as Figure 3. Photographs of the Site are included as Appendix A.

3.2 Current Site Operations

The 1521 East Grand Avenue facility is in active operation. The 1521 East Grand Avenue facility is used as research and development (R&D) laboratories. One of the rooms (218A) at 1521 East Grand Avenue is subleased to a lithium ion battery packaging tenant. The remaining Site buildings are vacant and used for storage of office furniture and electronics.

3.3 Historical Site Operations

3.3.1 Historical Summary

Based on historical documents reviewed and interviews conducted, the Subject Property was undeveloped from at least the 1890s until construction of buildings began on-site between 1947 and 1956 by International Rectifier Corporation (IRC). IRC owned and operated the Site until 2008. A small building (318 Kansas Street) was located on the southwestern portion of the Site from 1950s to 1997. IRC used this building for offices and maintenance operations (e.g. parts repair, welding operations). IRC operated the Site until 2014. The Site has remained inactive and partially vacant since 2014, with the exception of the 1521 East Grand Avenue facility that is in operation. The 1521 East Grand Avenue facility is used as research and development laboratories. The inactive Site buildings are used for storage of office furniture and electronics. In January 2015, Infineon acquired IRC. In September 2015, IRC changed its name to Infineon but remained the owner of the Subject Property.

Infineon and IRC operations consisted of semiconductor device manufacture, for commercial and military applications. The manufacturing process included the selective chemical etching of silicon wafers, the basic material of a microchip or "die"; next special materials were deposited into the wafer, imparting it with characteristics needed to conduct energy; and finally, the dies were packaged in plastic and metal devices ready to be used in electronics. Other Site activities included device testing, R&D, administration, sales, accounting, marketing, and shipping and maintenance operations. Manufacturing operations were only carried out in the 330 Kansas Street and 1521 East Grand Avenue buildings. Support and testing activities were housed in the remaining Site buildings.

330 Kansas Street: From 1979 to 2013, this facility was an operating semiconductor wafer manufacturing facility with operations that included the use of and storage of hazardous materials, generation of hazardous wastes, and a permitted acid waste neutralization system. This facility contained two chiller units. It was stated, in the *Environmental Summary Final Report, IRC El Segundo Decommissioning of Fab 3, 330 Kansas Street, El Segundo, California,* prepared by HTS Environmental Services and dated May 2014, that the chiller units were evacuated of refrigerant and are currently inactive. As stated in Section 3.1.2, this building was decontaminated in 2013 and certified for reoccupation. Previous assessments of this area are further described in Section 3.3.3. of this report.

318 Kansas Street: This building was constructed in 1950s on the southwestern portion of the Site and demolished in approximately 1997. IRC used this building for offices and maintenance operations (e.g. parts repair, welding operations). Previous Phase 1 ESA findings regarding this area of the Site are further described in Section 3.3.3. of this report.

1521 East Grand Avenue: This building was used by IRC for offices, parts assembly, print shop operations, and warehouse space. Hazardous wastes associated with IRC's former print shop operations were accumulated in 55-gallon drums and transported off Site for disposal. Small quantities of hazardous materials were associated with IRC's former parts assembly operations in this building.

Railroad: A railroad line ran through the southwest corner of the Site until the early 1980s. Areas along Kansas Street and Grand Avenue appeared to contain vegetation or ponded water in an aerial photograph taken in 1938. Groundwater Technology drilled two 5-foot borings in the vicinity of the former railroad to evaluate for the presence of total extractable hydrocarbons (TEH), 17 California Assessment Metals (CAM), and volatile organic compounds (VOCs). Soil samples

collected at 5 feet bgs did not contain detectable TEH or VOCs. Metals were below levels of concern (i.e. below the U.S. Environmental Protection Agency [USEPA] Region IX Preliminary Remediation Goals (PRGs) and the California Total Threshold Limit Concentrations (TTLCs) for hazardous waste).

3.3.2 Evaluation of Historical Information Sources

To determine past uses of the Subject Property and surrounding properties, ERM reviewed historical sources of information as outlined in the References section of this report (Section 7). Copies of pertinent historical sources are presented in Appendix B.

Table 3-1 Historical Timeline

Timeframe	Discussion
1896-1928	According to topographic maps and aerial photographs dating back to 1896, the Site and surrounding properties consisted of undeveloped land. A railroad line ran through the southwest corner of the Site. The surrounding area was used for oil field operations. Grand Avenue, Washington Street, and Kansas Street were present to the south, east, and west.
1937-1948	According to topographic maps and aerial photographs, the Site remained vacant. The 1938 aerial photograph depicted four bulk storage tanks along the northern boundary and the 1947 aerial photograph depicted a sump along the eastern boundary of the Site, most likely associated with the oil field operations in the area. The Subject Property is located within the El Segundo Oil Field. According to DOGGR files, Block Oil Co. well "Block 21" (also known as "Elsie 119-1") was located in the central portion of the Site. The Wilshire Oil Company, Inc. drilled this well in October 1937 and the Block Oil Co. abandoned the well in June 1948. The surrounding area's oil field continued to develop. Adjoining properties were variously occupied by oil derricks, tanks, and small structures that were probably associated with oil production.
1953-1975	According to topographic maps and aerial photographs, the Subject Property appears developed with the present day building at 340-348 Kansas Street, a T-shaped building at 1521 East Grand Avenue, and two buildings at 318 and 330 Kansas Street. A railroad remained crossing through the southwest corner of the Site. According to the City Directories, IRC is listed at the address 348 Kansas Street in 1990.
1983-1997	According to topographic maps and aerial photographs, the Subject Property is improved with present day 330 Kansas Street and 340-348 Kansas Street buildings and the 318 Kansas Street building. An addition was made to the 1521 East Grand Avenue building. The railroad appears inactive in the 1989 aerial photograph. The Subject Property is in a developed area of El Segundo. According to the City Directories, IRC is listed for the year of 1985, 1991, and 1995 at the address 348 Kansas Street.
2002-2014	The Subject Property's buildings and development appear as observed at the time of ERM's Site inspection and improved with the three current buildings. According to topographic maps, the Subject Property is in a developed area of El Segundo. According to the Site contact, IRC left the Site in 2008 and Infineon resumed the operation until approximately 2014. The Site has remained vacant since 2014.
Present	Observations made at the time of ERM's Site inspection are discussed throughout this report.

3.3.3 Discussion of Historical Environmental Issues/ Assessments/ Investigations

The following reports that were provided by the Client for the Subject Property have been reviewed:

Decommissioning of Fab 3 – IRC 330 Kansas Street, El Segundo, California, issued by El Segundo Fire Department (ESFD) and dated 23 July 2014.

Based on the review of the May 2014 Fab 3 decommissioning report, the ESFD stated that "no further action" is required for closure. However, it was stated that because the industrial wastewater pre-treatment system is still permitted and the conditional authorization for waste neutralization is not closed, permit requirements to conduct closure sampling and analysis are still required for both the wastewater system and tiered permit unit.

Environmental Summary Final Report, IRC El Segundo Decommissioning of Fab 3, 330 Kansas Street, El Segundo, California, prepared by HTS Environmental Services (HTS) and dated May 2014.

On 7 October 2013, HTS began decommissioning and decontaminating the 330 Kansas building. Activities included the disconnection, decontamination, and removal of tools and other nonpermanent fixtures, disposal or relocation of tools and equipment, decontamination of remaining surfaces in the manufacturing areas, and the removal of wastes and surface and air sampling to establish re-occupancy. Materials were recycled, re-purposed, or disposed of off Site. This process was performed under guidance of the ESFD.

Hazardous Materials UST Closure Certification-330 Kansas Street, El Segundo, California; issued by El Segundo Fire Department (ESFD) and dated 25 March 1999.

Based on the oversight and review of an underground storage tank (UST) closure report dated 4 November 1998, the ESFD stated that "no further action" is necessary regarding the former USTs. The former USTs represent a Historical Recognized Environmental Condition (HREC) for the Site.

Tank Removal Report, IRC, 330 Kansas Street, Kansas Street, El Segundo, California; prepared by SECOR International Incorporated (SECOR) and dated 4 November 1998

Between 27 July and 14 August 1998, one 10,000-gallon diesel UST, one 6,000-gallon wastewater UST, and one 6,000-gallon waste solvent UST were excavated and removed from the Site under ESFD oversight. SECOR collected six confirmation soil samples from the USTs excavation pit.

Selected soil samples were analyzed for total petroleum hydrocarbons as diesel (TPHd), halogenated VOCs, priority pollutant metals, and methyl-tert-butyl-ether (MTBE). Analytical results from soil samples collected from the UST excavation were below minimum laboratory detection limits for all target constituents, with the exception of trace metal constituents (arsenic, chromium, nickel, and zinc) detected in soil samples collected below the wastewater UST. All of the detected metal constituents were below the respective California TTLC levels.

Phase 1 and II Environmental Investigations, IRC Sites 318 Kansas Street and 1521 East Grand Avenue, El Segundo, California; prepared by Groundwater Technology (GT) and dated 5 April 1996

GT conducted a Phase I and Limited Phase II investigation consisting of collection of soil samples from five borings to evaluate whether the activities associated with the following structures have left chemical residues in subsurface soils: the clarifier, the pipe fitting area, the paint shed, and/or the former railroad line.

Based on findings from the Phase I, a railroad line ran through the southwest corner of the Site until the early 1980s. According to historical resources, areas along Kansas Street and Grand Avenue appeared to contain vegetation or ponded water in 1938. GT drilled two 5-foot borings in the vicinity of the former railroad to evaluate for the presence of

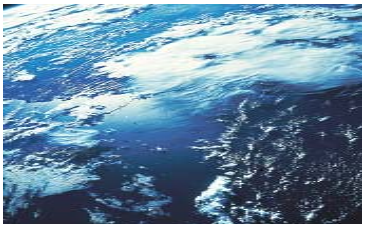
TEH, 17 CAM, and VOCs. Soil samples collected at 5 feet bgs did not contain detectable TEH or VOCs. CAM were below levels of concern (i.e. below the USEPA Region IX PRGs and the California TTLCs for hazardous waste).

IRC used the three-stage clarifier for boiler water, cooling tower condensate, and blow down water. No records indicated that the clarifier was used for hazardous waste. GT drilled a 20-foot soil boring adjacent to the clarifier to evaluate for the presence of the following compounds: total recoverable petroleum hydrocarbons (TRPH), CAM, and VOCs. Soil pH was also evaluated. Analytical results of a soil sample collected at 20 feet bgs confirm that the soil pH was neutral, TRPH and VOCs were below detection limits, and CAM were below levels of concern (i.e. below the PRGs and the TTLCs).

GT observed lube oils and cutting fluids, as well as degreasers in a pipe fitting area. The asphalt paving in this area appeared stained with oil. GT drilled a 15-foot boring adjacent to this area to evaluate for VOCs and TEH. The sample collected at 5 feet bgs contained 380 milligrams per kilogram (mg/kg) TEH and 2.3 micrograms per kilogram (µg/kg) perchloroethylene (PCE). No other VOCs were present above detection limits. Soil samples collected at 10 and 15 feet bgs did not contain TEH or VOCs above detection limits. GT concluded that the extent of detectable TEH and PCE is limited to the upper 5 feet of soil in this area. The concentration of PCE was below the United States Environmental Protection Agency (EPA) Regional Screening Level (RSLs) of 24 mg/kg for residential soil and 100 mg/kg for industrial soil. The concentration of TEH was below the Regional Water Quality Control Board (RWQCB) guidance for remediation of petroleum-impacted soil of 10,000 mg/kg. These concentrations, if left in place, do not present a threat to human health or the environment and would not likely be a subject of an enforcement action if brought to the attention of appropriate governmental agencies.

The concrete floor slab in the paint storage shed is sloped towards the asphalt-paved parking lot. Although there were no visual indications of spillage in this area and the concrete floor slab appeared to be intact, GT drilled a 15-foot boring adjacent to this shed to evaluate for VOCs and TEH. The sample collected at 5 feet bgs contained 7.1 mg/kg TEH, but did not contain detectable VOCs.

4. Site Environmental Operations



4.1 Hazardous Material Use and Storage

The Subject Property's 330, 340 and 348 Kansas buildings are currently vacant and no hazardous materials were observed during Site reconnaissance. Mr. Gunetilleke showed the location of the former hazardous materials storage areas on the interior and exterior of the 330 Kansas Street facility. No staining was observed at the Subject Property.

Mr. Gunetilleke indicated that the majority of hazardous materials that were used during Infineon and IRC operation were stored at 222 Kansas Street building (south adjacent property). The 222 Kansas Street building was demolished in approximately 2009 and this property in no longer owned and/or occupied by Infineon.

Mr. Gunetilleke stated that there was a pipeline system beneath East Grand Avenue transporting liquid hydrogen, liquid nitrogen, and clean dry air (CDA) from 222 Kansas Street to the 1521 East Grand Avenue building (and also connecting 233 Kansas Street building, which is not part of this assessment). These pipelines, although not active, remain in place below the street and are capped at the entrance to the 1521 East Grand Avenue building. As stated above, the building at 222 Kansas Street was demolished, and all associated above- and below-surface structures were removed.

A summary of primary hazardous materials used at 1521 Grand Avenue Site building is provided below. A complete hazardous material inventory provided by Infineon is attached in Appendix C.

- Acids
- Bases
- Solvents
- Oils
- Solders
- Diesel

4.1.1 Underground Storage Tanks (USTs)

According to Mr. Gunetilleke, no USTs are currently located on the Subject Property, and no visual indication of the potential presence of USTs was noted by ERM during the Site visit.

Between 27 July and 14 August 1998, one 10,000-gallon diesel UST, one 6,000-gallon wastewater UST, and one 6,000-gallon waste solvent UST were excavated and removed from the Site under ESFD oversight. Trace metal constituents (arsenic, chromium, nickel, and zinc) were detected in soil samples collected below the wastewater UST. The detected metal constituents were below respective California Total Threshold Limit Concentration levels. On 25 March 1999, the ESFD stated that "no further action" is necessary regarding the former USTs. The former USTs represent a CREC for the Site. The USTs are further described in Section 3.3.3 of this report.

4.1.2 *Aboveground Tanks (ASTs)*

No visual indication of the potential presence of ASTs was noted by ERM during the Site visit. The Subject Property was not identified on databases indicative of current or historical ASTs in the EDR search report.

Former operations included:

- One 250-gallon AST with sulfuric acid
- One 4,500-gallon AST with hydrogen
- One 9,000 and one 13,110-gallon with nitrogen
- One 1,000-gallon AST with ammonia
- Two 20,000-gallon ASTs with deionized water

4.2 Waste Management

4.2.1 *Hazardous Waste*

IRC at 1521 Grand Avenue is listed on the Resource Conservation and Recovery Act (RCRA) Large Quantity Generators (LQG) for hazardous waste generation. No violations were noted for the RCRA-LQG listing in the EDR database report.

Infineon and IRC generated five major waste streams during their operation:

1. Acidic or caustic liquid wastes from etching and cleaning processes;
2. Hydrocarbon solvent waste from cleaning and photolithographic operations;
3. Halogenated solvent wastes from cleaning;
4. Pump oils, from vacuum and compressor pumps; and
5. Lead/Tin solder waste from the preparation of packages (lead frames)

The former hazardous waste storage shed was located on the southwestern portion of the Site. Currently empty, the former hazardous waste storage area is fenced with roofing. No surface staining or cracking was observed in the hazardous waste storage area. According to the Site representative, the hazardous waste was maintained by an outside contractor. ERM did not identify evidence of spills or releases in areas where hazardous wastes were generated and/or stored.

4.2.2 *Non-Hazardous and Other Regulated Waste*

No non-hazardous or other regulated waste is currently generated at the Site. No staining of soils was noted at the site. ERM did not observe evidence of solid waste disposal on the Subject Property.

4.3 Water Supply, Wastewater and Storm Water

4.3.1 *Water Supply*

The Site obtains water for potable and sanitary use from the City of El Segundo. No water wells are located on Site.

4.3.2 *Wastewater*

No process wastewater is currently generated at the Site.

A release of neutralized water occurred from a clarifier at 330 Kansas Street in August 1998 in connection with UST removal. The release was reported to ESFD and no remediation was required.

The Site generates sanitary wastewater that is discharged to the City of El Segundo's municipal sewer system. According to Site personnel, no septic systems have ever been located on Site.

The 330 Kansas Street facility did limited treating of its wastewater prior to discharge to a storm drain system. This treatment system consisted of two clarifiers that were located at 222 Kansas Street and were connected to the Site via pipe system.

4.3.3 Storm Water

Precipitation that falls on the developed portions of the Site drains via sheet/overland flow to the eastern Site boundaries that lead to the Kansas Street storm drain system. No staining, sheens, or other evidence of impact to storm water pathways were observed by ERM at the time of the Site inspection.

4.4 Air Emissions

The Subject Property is currently vacant and ERM did not observe air emissions sources that are likely to have impacted the Site.

According to information obtained from the South Coast Air Quality Management District (SCAQMD), the following equipment is permitted at the 330 Kansas Street facility:

- Emergency generator
- Chillers
- Ammonia Storage/Acid Neutralization System

According to SCAQMD information, the following equipment was permitted at the 330 Kansas Street facility, but not present during Site reconnaissance:

- Semiconductor, integrated circuit
- Scrubber, other venting
- Afterburner, oxidizer, catalytic
- Cleaning, miscellaneous solvent wipe
- Reclaimable solvents cleaning
- Semiconductor integrated circuit

4.4.1 Ozone Depleting Substances (ODSs)

In 1987 the Montreal Protocol, an international environmental agreement, established requirements that began the worldwide phase-out of ozone-depleting CFCs (chlorofluorocarbons). These requirements were later modified, leading to the phase-out in 1996 of CFC production in all developed nations. In 1992 the Montreal Protocol was amended to establish a schedule for the phase-out of hydrochlorofluorocarbons (HCFCs). HCFCs are less damaging to the ozone layer than CFCs, but still contain ozone-destroying chlorine. The Montreal Protocol, as amended, is carried out in the United States through Title VI of the Clean Air Act (CAA), which is implemented by the USEPA.

Industrial process refrigeration leak repair regulations were called for as part of Title VI of the CAA Amendment of 1990. The primary purpose of Title VI, entitled Stratospheric Ozone Protection, is to eliminate the threat posed to earth's protective stratospheric ozone layer by certain ODS. Section 608 of the Act called on the USEPA to publish rules regarding the use, recycling, and disposal of ODS in various applications, including industrial processes and

commercial refrigeration systems. The ODS regulations require operators to review the refrigeration systems that are directly linked to industrial processes. The refrigerant recycling rule applies to systems that contain and use a Class I or Class II substance as a refrigerant. Class I refrigerants are mainly CFCs, whereas Class II refrigerants are mainly HCFCs.

Refrigerant-containing equipment at Infineon's facility at 1521 Grand Avenue includes two chillers containing 640-gallons of R-123 (a Class II refrigerant). The Site contact indicated that Infineon also has several roof-mounted heating, ventilation, and air conditioning (HVAC) units that contain less than 50 pounds of refrigerant.

4.5 Polychlorinated Biphenyls (PCBs)

ERM inspected the Subject Property for types of equipment that have been historically associated with the use of polychlorinated biphenyls (PCBs) as a dielectric fluid coolant and stabilizer. Some examples of the types of equipment that potentially contain PCBs or PCB-contaminated oil include electrical equipment such as transformers, capacitors, and high voltage liquid filled switches.

The Site contact was not aware of any PCB-containing equipment on-Site. Mr. Gunetilleke reported that the transformers within the buildings are "dry type" and do not contain oil.

4.6 Asbestos-Containing Materials

Asbestos was banned in friable building materials (spray-applied surfacing materials and thermal system insulation) in 1978. The Occupational Safety and Health Administration deems spray-applied surfacing materials, thermal system insulation materials, and vinyl flooring materials as "presumed asbestos-containing materials" (PACMs) if they are present in pre-1981 buildings (Title 29 of the Code of Federal Regulations [CFR], Parts 1910.1001 and 1926.1101). Historical records indicate that the building at the Subject Property was constructed in the 1950s. As a result, PACMs may have been used in building construction and other ACMs could also be present at the Site.

The Site contact provided ERM with a limited ACM survey report and laboratory data for the 330 and 348 Kansas Street Subject Property buildings.

EORM performed a limited asbestos survey within the Subject Property at the 330 Kansas Street building on 22 May 2012, to identify, sample, and test suspect ACMs. According to this asbestos survey, ACMs were present in the following materials:

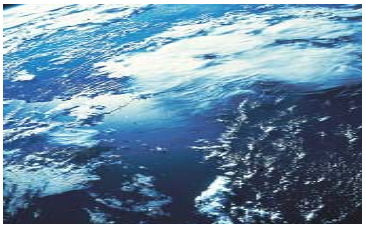
- 12x12 tan floor tile contains 3 percent chrysotile
- 12x12 tan floor tile contains 2.2 percent chrysotile
- Black mastic contains <1 percent chrysotile
- Transite panel assumed asbestos containing

EORM performed a limited asbestos survey within the Subject Property at the 348 Kansas Street building on 22 May 2012, to identify, sample and test suspect ACMs. According to this asbestos survey, ACMs were present in the following materials:

- 9x9 beige floor tile contains 5 percent chrysotile
- Black patch mastic contains 5 percent chrysotile

These above materials were observed to be in good condition during the Site reconnaissance. There is no labeling of ACMs.

5. Surrounding Properties



5.1 Summary

The Site is located in an area that is currently characterized by light-industrial, commercial and residential use. The Site area consisted of the El Segundo Oil Field since in the 1920s. Oil field operations did not take place at the Site. The area gradually began to develop in the 1950s.

5.2 Current Surrounding Properties

Land use in the area of the Subject Property includes residential, commercial, and light industrial land. The adjacent properties and nearby land use, as observed by ERM at the time of the Site inspection, are as follows:

Table 5-2 Current Surrounding Properties

Direction	Discussion
North	East Holly Avenue is immediately north of the Site. Residential properties are across the East Holly Avenue.
East	Washington Street is immediately east of the Site. Grand Motorsport at 1601 East Grand Street is located across the Washington Street of the Site.
South	East Grand Avenue is immediately south of the Site. Griffin Capital Corporation's office building at 1520 East Grand Avenue; United States Department of Agriculture (USDA) and Los Angeles Animal Import Center facility at 222 Kansas Street (former IRC facility) are farther east of the Site. Infineon at 247 Kansas Street is farther southwest of the Site.
West	Kansas Street is immediately west of the Site. Residential properties are across Kansas Street. Pillack Property, also known as Russo Trucking at 1410 East Grand Avenue, is listed on the Leaking Underground Storage Tank (LUST), HIST Cortese, CA SWEEPS, and CA Los Angeles HMS databases. According to the EDR report, this facility received a site closure in 1990 for aviation fuel release to soil. Based on the case status and medium affected, it is unlikely that this facility has impacted the Subject Property. Herber Aircraft Services at 1401 East Franklin Avenue is listed on RCRA-Small Quantity Generator, FINDS, CA HAZNET, and ECHO databases. According to the EDR report, there is no indication of a hazardous substance release, It is unlikely that this facility has impacted the Subject Property.

5.3 Surrounding Properties Historical Summary

According to historical topographic maps and aerial photographs dating back to 1896, the surrounding properties consisted of the El Segundo Oil Field since the 1930s. Beginning in the 1950s, commercial, industrial, and residential development began.

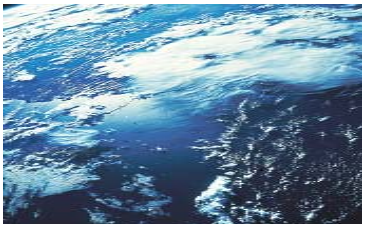
According to the EDR report, IRC (former Site occupant) at 233 Kansas Street, is listed in the Spills, Leaks, Investigation and Cleanup (SLIC) database twice. One of the listings resulting in a “No further action required” status (no other details were provided) and the other with a closed case status in 1997 regarding the waste PCE UST.

IRC at 233 Kansas Street is listed in the EnviroStor database. In 1995, DTSC received a hazardous substance release report. The Site had a waste leak from a plating line and acidic aqueous waste left metal contamination in the soil. Due to evidence of contamination, DTSC recommended a Preliminary Endangerment Assessment (PEA). In 1996, the PEA was completed under an USEPA grant. The Site is no further assessment for USEPA.

5.4 Adjoining Property Agency Review

No further agency reviews were determined to be warranted based on adequate information obtained from on-line DTSC (Envirostor database) and the California State Water Resources Board (GeoTracker database) and/or the non-release related regulatory database listing and ERM’s observations of listed facilities during its Site visit.

6. Conclusions



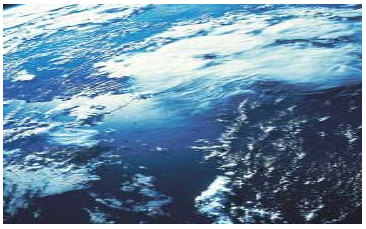
ERM has performed a *Phase I ESA* in conformance with the scope and limitations of ASTM Standard E1527 of the Site (as defined in Section 1 of this report). Exceptions to, or deletions from, this practice are described in Section 1.3.4 of this report. This Phase I ESA has revealed no evidence of RECs in connection with the property except for the following.

Summary of Identified Issues
ASTM E1527-13 Findings:
Recognized Environmental Conditions (RECs)[2]
Potential Subsurface Impact from the Wastewater Pre-treatment System (Acid Waste Neutralization System) at 330 Kansas Street: In a letter dated 23 July 2014, the El Segundo Fire Department (ESFD) stated that because this industrial wastewater pre-treatment system is still permitted at the 330 Kansas Street Site facility (also treated wastewater from 1521 East Grand Avenue Site facility) and the conditional authorization for waste neutralization is not closed, the permit requires closure sampling and analysis for both the wastewater system and tiered permit unit. This issue is considered a REC.
Controlled Recognized Environmental Conditions (CRECs)[2]
Former Hazardous Materials USTs: Between 27 July and 14 August 1998, one 10,000-gallon diesel, one 6,000-gallon wastewater, and one 6,000-gallon waste solvent USTs were excavated and removed from the central portion of the Site under ESFD oversight. Trace metal constituents (arsenic, chromium, nickel, and zinc) were detected in soil samples collected below the wastewater UST. All of the detected metal constituents were below respective California Total Threshold Limit Concentration levels. ESFD stated that "no further action" is necessary regarding the former USTs. The former USTs represent a CREC for the Site.
Historical Recognized Environmental Conditions (HRECs)[2]
None identified.
De-Minimis Conditions[2]
Known Low Levels of TEH and PCE in Soil at 1521 East Grand Avenue: According to a limited subsurface investigation performed at 318 Kansas Street (a historical Subject Property address) and 1521 East Grand Avenue, low concentrations of TEH (380 mg/kg) and 2.3 µg/kg of PCE were reported and left in place in the pipe fitting area. TEH and PCE concentrations are limited to the upper 5 feet of soil in this area. The concentration of PCE was below the EPA RSL. The concentration of TEH was below the RWQCB guidance

[2] Key ASTM definitions, including REC, CREC, HREC, and Data Gap are provided in Section 8

Summary of Identified Issues
for remediation of petroleum-impacted soil. These concentrations, if left in place, do not present a threat to human health or the environment and would not likely be a subject of an enforcement action if brought to the attention of appropriate governmental agencies. *Historical Railroad:* A railroad line ran through the southwest corner of the Site until the early 1980s. The subsurface in the vicinity of the former railroad was evaluated for the presence of TEH, CAM, and VOCs. Soil samples collected at 5 feet bgs did not contain detectable TEH or VOCs. Metals were below levels of concern (i.e. below the USEPA PRGs and the TTLCs for hazardous waste. These low metal concentrations, if left in place, do not present a threat to human health or the environment and would not likely be a subject of an enforcement action if brought to the attention of appropriate governmental agencies. *Historical Oil Well:* Block Oil Co. well "Block 21" (also known as "Elsie 119-1") was located in the central portion of the Site. The Wilshire Oil Company, Inc. drilled this well in October 1937 and the Block Oil Co. abandoned the well in June 1948. According to the 1938 aerial photograph, four bulk storage tanks were depicted along the northern boundary and the 1947 aerial photograph depicted a sump along the eastern boundary of the Site, most likely associated with the oil field operations in the area. The Subject Property is located within the El Segundo Oil Field. The Site has been redeveloped since the oil well abandonment. The 330 Kansas Street building is currently located in place of the historical tanks and sump; and former oil well was adjacent to the removed USTs.
Non-ASTM E1527-13 Issues:
Other Potential Issues
Known Remaining Pipelines at 1521 East Grand Avenue: An inactive pipeline system remains beneath East Grand Avenue that was used for transporting liquid hydrogen, liquid nitrogen, and clean dry air from the 222 Kansas Street (south adjacent property) to 1521 East Grand Avenue buildings. These pipelines, although not active, remain in place below the street and connect to the East Grand Avenue building. *Known Asbestos Containing Materials (ACM):* According to a limited asbestos survey, the following ACMs were present within the Subject Property at the 330 Kansas Street building: • 12x12 tan floor tile contains 3 percent chrysotile • 12x12 tan floor tile contains 2.2 percent chrysotile • Black mastic contains <1 percent chrysotile • Transite panel assumed asbestos containing According to a limited asbestos survey, the following ACMs were present within the Subject Property at the 348 Kansas Street building. • 9x9 beige floor tile contains 5 percent chrysotile • Black patch mastic contains 5 percent chrysotile These above materials were observed to be in good condition during the Site reconnaissance. ACMs are not labeled.

7. References



The following sources were used in conducting the Phase I Environmental Site Assessment detailed in this report. Where information obtained from these sources was determined to be useful by the Environmental Professional, it is summarized in the body of this report. Copies of prior environmental reports and other pertinent documents are presented in Appendix D.

Table 7-1 Regulatory Agency Review

Agency/Company	Person Contacted	Telephone	Regarding
California Environmental Protection Agency, RWQCB, and DTSC	GeoTracker and Envirostor Databases	Not applicable (N/A)	Environmental reports and cases from sites investigated under state oversight
FEMA National Flood Hazard Layer (NFHL) http://fema.maps.arcgis.com/home/webmap/viewer.html?webmap=cbe088e7c8704464aa0fc34eb99e7f30	Not available (NA)	NA	Flood Insurance Rate Mapping data.
SCAQMD 21865 Copley Drive Diamond Bar, California	Public Records Request Form – On-line	N/A	Permits, notices of violation, and general Site information. Form can be located at http://www.aqmd.gov/prr/index.html.
El Segundo Building Department 350 Main Street El Segundo, California	FOIA Request	N/A	Hazardous chemical use USTs
Los Angeles County Assessor's Office	Online Database	N/A	Site ownership information
EDR 6 Armstrong Road, 4th Floor Shelton, CT 06484	NA	800-241-6476	Environmental Database Search Report, topographic maps, aerial photographs, city directories, fire insurance maps
Internet resources	NA	NA	Aerial photographs (Google Earth and Microsoft Terraserver); Site database searches (www.rtk.net and http://www.epa.gov/echo/;.
Internet resources	N/A	N/A	Cleanup Sites or Hazardous Waste Facilities information available from www.geotracker.waterboards.ca.gov/ and www.envirostor.dtsc.ca.gov/public/

Table 7-2 Summary of Historical Sources Reviewed

Agency/Source of Information	Data Provided	*Years Reviewed (if applicable)*	
		Subject Property	Adjacent Properties
Infineon (Site Owner)	General information	1985 to present	1985 to present
Interview(s) with past owners/occupants, (if appropriate)	N/A	N/A	N/A
Interview(s) with owner/occupants of neighboring and nearby properties (in cases of abandoned Subject Property)	General information	N/A	N/A
EDR	Sanborn Fire Insurance Maps	Unmapped	Unmapped
EDR	Topographic Maps	1896, 1923, 1924, 1930/1934, 1948, 1950, 1964, 1972, 1981, and 2012	1896, 1923, 1924, 1930/1934, 1948, 1950, 1964, 1972, 1981, and 2012
EDR	City Directories	1954, 1957, 1960, 1962, 1964, 1965, 1967, 1970, 1975, 1980, 1985, 1991, 1995, 1999, and 2008	1950, 1951, 1954, 1956, 1957, 1958, 1960, 1962, 1964, 1965, 1966, 1967, 1970, 1971, 1975, 1976, 1980, 1981, 1985, 1986, 1990, 1991, 1992, 1995, 1996, 1999, 2000, 2001, 2006, 2008, and 2013
EDR	Aerial Photographs	1923, 1928, 1938, 1947, 1953, 1963, 1972, 1983, 1989, 1994, 2002, 2005, 2009, 2010, and 2012	1923, 1928, 1938, 1947, 1953, 1963, 1972, 1983, 1989, 1994, 2002, 2005, 2009, 2010, and 2012

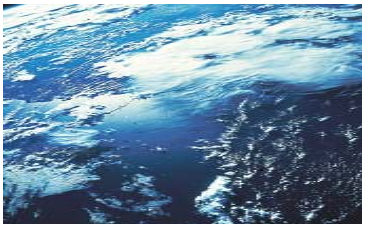
Table 7-3 Other Documentation Reviewed

Date	Source
5 April 1996	Phase 1 and II Environmental Investigations, IRC Sites 318 Kansas Street and 1521 East Grand Avenue, El Segundo, California; prepared by Groundwater Technology (GT)
4 November 1998	Tank Removal Report, IRC, 330 Kansas Street, Kansas Street, El Segundo, California; prepared by SECOR International Incorporated (Secor)
25 March 1999	Hazardous Materials UST Closure Certification-330 Kansas Street, El Segundo, California; issued by El Segundo Fire Department (ESFD)
May 2014	Environmental Summary Final Report, IRC El Segundo Decommissioning of Fab 3, 330 Kansas Street, El Segundo, California, prepared by HTS Environmental Services (HTS)
23 July 2014	Decommissioning of Fab 3 – IRC 330 Kansas Street, El Segundo, California, issued by El Segundo Fire

Date	Source
	Department (ESFD)

Attorney-Client Work Product

8. Limitations and Other Considerations



8.1 General Limitations

There are a number of exclusions and limitations associated with this assessment. These are briefly outlined below:

- This report has been prepared by ERM exclusively for the User and may not be relied upon by any other recipient, person or entity (together, henceforth, "Other Recipient") without ERM's express, written permission. ERM makes no warranties or representations to any Other Recipient and has no obligation to advise any Other Recipient regarding changes to this report or changes in applicable laws and regulations subsequent to the date of this report. In receiving this report, any Other Recipient agrees that that (a) it will make no claim against ERM that relates in any way to this report, or the Other Recipient's access to this report, and (b) to the fullest extent permitted by applicable law, Other Recipient hereby releases ERM from, and will defend and hold harmless ERM from and against, any claim, action, suit, damage, loss, award, liability, expense, cost, or fees including attorneys' fees arising from or relating to any use or disclosure of the report or any portion thereof by Other Recipient or any third party to whom Other Recipient discloses the Report. Notwithstanding the foregoing, if requested, ERM will issue reliance letters allowing lenders or other interested parties to rely on the contents of this report, in accordance with ERM's terms and conditions, for financing or other purposes.
- ERM is an environmental consulting firm, and as such we make no representations regarding questions of legal or accounting interpretation. Consultation with an attorney and/or certified accountant should be made with respect to any legal or accounting matters, or items that require such interpretation, under any law, regulation or contract.
- ERM did not independently verify information on publicly available databases. Therefore our findings are accurate and complete only to the extent that information provided to ERM was itself accurate and complete.
- The conclusions presented in this report represent ERM's professional judgment based on the information made available to us during the course of this assessment and are true and correct to the best of ERM's knowledge as of the date of this report.
- No sampling or testing of soils, waters or other materials was included as part of this assessment. However, reference may have been made to previous testing and sampling, as appropriate.
- Unless otherwise stated within this report, ERM has assumed that the Site will continue to be used for current purposes. ERM's assessment does not include provision for Site closure or change in land use, unless expressly stated above.
- State-specific regulations related to property transfer (or ownership changes) may apply to the proposed transaction. Costs related to compliance with these State requirements were not included in ERM's Assessment.

8.2 ASTM Limitations

The innocent landowner, contiguous owner, and prospective purchaser defenses to liability under Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) require that a person acquiring property conduct an all appropriate inquiry with respect to the Site. ERM has conducted this environmental assessment in accordance with the standards for conducting an all appropriate inquiry set forth at 40 CFR. Part 312. Those standards require the application of scientific principles and professional judgment to certain facts with resultant subjective interpretations and exercise of discretion. Professional judgments expressed herein are based on the facts currently available within the limits of the existing data, and data gaps identified herein, scope of work, budget, and schedule. Those standards also require that the Client undertake certain additional inquiries. In addition, the liability defenses under CERCLA require, among several other things, that the Client after the acquisition stop any continuing releases, prevent any future threatened releases and prevent or limit human, environmental or natural resource exposure to any hazardous substance released at the Site. Therefore, ERM makes no warranties, expressed or implied, including, without limitation, warranties as to merchantability or fitness for a particular purpose, including any warranty that this Phase I assessment will in fact qualify Client for the innocent landowner, contiguous property owner or prospective purchaser defense to liability under CERCLA. ERM's assessment is limited strictly to identifying recognized environmental conditions associated with the Site. Results of this assessment are based upon the visual Site inspection of readily accessible areas of the Site conducted by ERM personnel, information from interviews with knowledgeable persons regarding the Site, information reviewed regarding historical uses, information provided by contacted regulatory agencies, and review of publicly available and practically reviewable information identifying current and historical uses of the property and surrounding properties. All conclusions and recommendations regarding the Site represent the professional opinions of the ERM personnel involved with the project, and the results of this report should not be considered a legal interpretation of existing environmental regulations. ERM assumes no responsibility or liability for errors in the public data utilized, statements from sources outside of ERM, or developments resulting from situations outside the scope of this project. We make no warranties, expressed or implied, including, without limitation, warranties as to merchantability or fitness for a particular purpose.

8.3 Other Considerations

8.3.1 Environmental Database Search

ERM contracted EDR to conduct a database search for agency records. The appended database report defines and summarizes the ASTM databases reviewed in the EDR report and notes if any listed facilities (including the Subject Property) were identified in the specified radius. The locations of the listed facilities identified in the EDR report were evaluated to determine which listed facilities were located within the ASTM specified search distance from the Subject Property boundary. Only those listed facilities worthy of further discussion are discussed within the applicable sections of this report and data on additional listed facilities is included in the appended EDR database report. The database report is provided in Appendix E.

It should be noted that the computerized geocoding technology used in the database search is based on available census data and is only accurate to approximately ±300 feet. The EDR report provides a list of unmapped facilities for which inadequate location information was provided. ERM has reviewed the list of "unmapped" listed facilities to determine if these listed facilities are within the study radius. If the "unmapped" listed facilities appeared likely to be within the search radius for a specific database, they are discussed in the applicable sections of this report.

Sites identified within the study radii were evaluated to determine if they are likely to have adversely impacted the Subject Property. The criteria used to evaluate the potential for adverse impact to the Subject Property include:

- Distance from the Subject Property;
- Expected depth and direction of groundwater and surface water flow;
- Geology and physical ground conditions;
- Expected storm water flow direction;
- The presence/absence of documented contaminant releases at the identified sites that have not been remedied to the satisfaction of regulators; and
- The current regulatory status of the listing.

The identification of a listed facility as potentially upgradient or downgradient is based on the expected direction of groundwater flow referenced in Section 2.3.

8.3.2 User Provided Information

ERM contacted the User with respect to the following information:

- An evaluation of the presence of Environmental Cleanup Liens for the Subject Property;
- Activity and Use Limitations such as engineering controls (e.g., slurry walls, caps) and land use restrictions or institutional controls (e.g., deed restrictions, covenants) that may be in place for the Subject Property;
- Specialized Knowledge that includes personal knowledge or experience related to the Subject Property or nearby properties based on professional experience or knowledge of the Subject Property;
- Fair Market Value to evaluate whether a purchase price is significantly below Fair Market Value;
- Obvious Indicators that involve past or present spills, stains, releases, cleanups on or near the Subject Property; and
- Common Knowledge about specific chemicals, possible contamination, or past use of the Subject Property and surrounding area.

Relevant information provided by the User is summarized under the appropriate headings of this report, and in the following table.

Table 8-1 User-Provided Information

User Request	Response
Environmental cleanup liens	The User is not aware of environmental liens currently recorded against the Site. User did not request that ERM perform an independent evaluation of environmental liens for the Site.
Activity and Use Limitations (AULs) and land use restrictions or institutional controls	The User is aware of AULs and/or land-use restrictions currently recorded against the Site. (Need to get clarification from Client).
Specialized knowledge	User has no specialized knowledge of the Site other than what was provided to ERM as discussed under the relevant. User provided ERM access and information obtained from the data room is summarized throughout this report. ERM is not aware of additional specialized knowledge for the Site.

User Request	Response
Fair market value	User is not aware of a devaluation of the purchase price or fair market value of the Site in association with environmental conditions at, on or under the Site.
Obvious indicators that involve past or present spills, stains releases or cleanups	User was not aware of any obvious indicators which involve past or present spills, stains releases or cleanups.
Common knowledge about specific chemicals, possible contamination, or past use	Information and documentation, including previous environmental investigations was provided to ERM in the form of access to an electronic data room and is presented throughout this report in the relevant report sections and appendices.

8.4 Key ASTM Definitions

ASTM E1527-13 prescribes the following definitions:

Recognized Environmental Condition (REC): "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..."

Controlled REC (CREC): "…a recognized environmental condition resulting from a past release of hazardous substances or petroleum products that has been addressed to the satisfaction of the applicable regulatory authority (for example, 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 the implementation of required controls (for example, property use restrictions, activity and use limitations, institutional controls, or engineering controls)…"

Historical REC: "…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 (for example, property use restrictions, activity and use limitations, institutional controls, or engineering controls). Before calling the past release a historical recognized environmental condition, the environmental professional must determine whether the past release is a recognized environmental condition at the time the Phase I Environmental Site Assessment is conducted (for example, if there has been a change in the regulatory criteria)..."

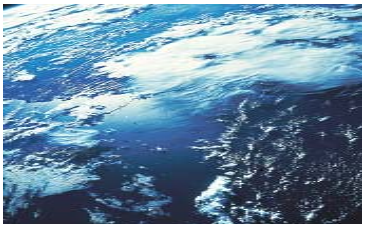
De minimis condition: "…a condition that generally does not present a threat to human health or the environment and that generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies..."

Data gap: "…a lack of or inability to obtain information required by this practice despite good faith efforts by the environmental professional to gather such information. Data gaps may result from incompleteness in any of the activities required by this practice, including, but not limited to Site reconnaissance (for example, an inability to conduct the Site visit), and interviews (for example, an inability to interview the key Site manager, regulatory officials, etc.)…"

Data failure: "…a failure to achieve the historical research objectives…even after reviewing the standard historical sources … that are reasonably ascertainable and likely to be useful..."

***User*:** "…the party seeking to use Practice E1527 to complete an environmental Site assessment of the property. A user may include, without limitation, a potential purchaser of property, a potential tenant of property, an owner of property, a lender, or a property manager. The user has specific obligations for completing a successful application of this practice..."

9. Environmental Professional Certification



This Phase I ESA was conducted by Ms. Maggie Tymkow and Mr. Kyle Pickford of ERM. Mr. Parenteau, Partner, reviewed the contents of this report. The professional qualifications for Ms. Tymkow and Mr. Parenteau are appended to this report (Appendix F). Ms. Tymkow and Mr. Parenteau meet the definition of Environmental Professional as defined in §312.10 of 40 CFR 312 and have prepared the following declaration and signed in accordance below.

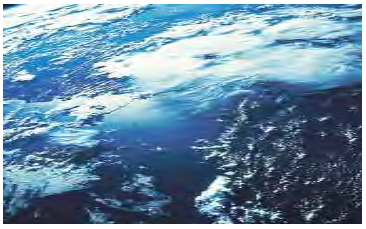
- I declare that, to the best of my professional knowledge and belief, I meet the definition of Environmental Professional as defined in §312.10 of 40 CFR 312.
- I have the specific qualifications based on education, training, and experience to assess a property of the nature, history, and setting of the Subject Property. I have developed and performed the all appropriate inquiries in conformance with the standards and practices set forth in 40 CFR Part 312.

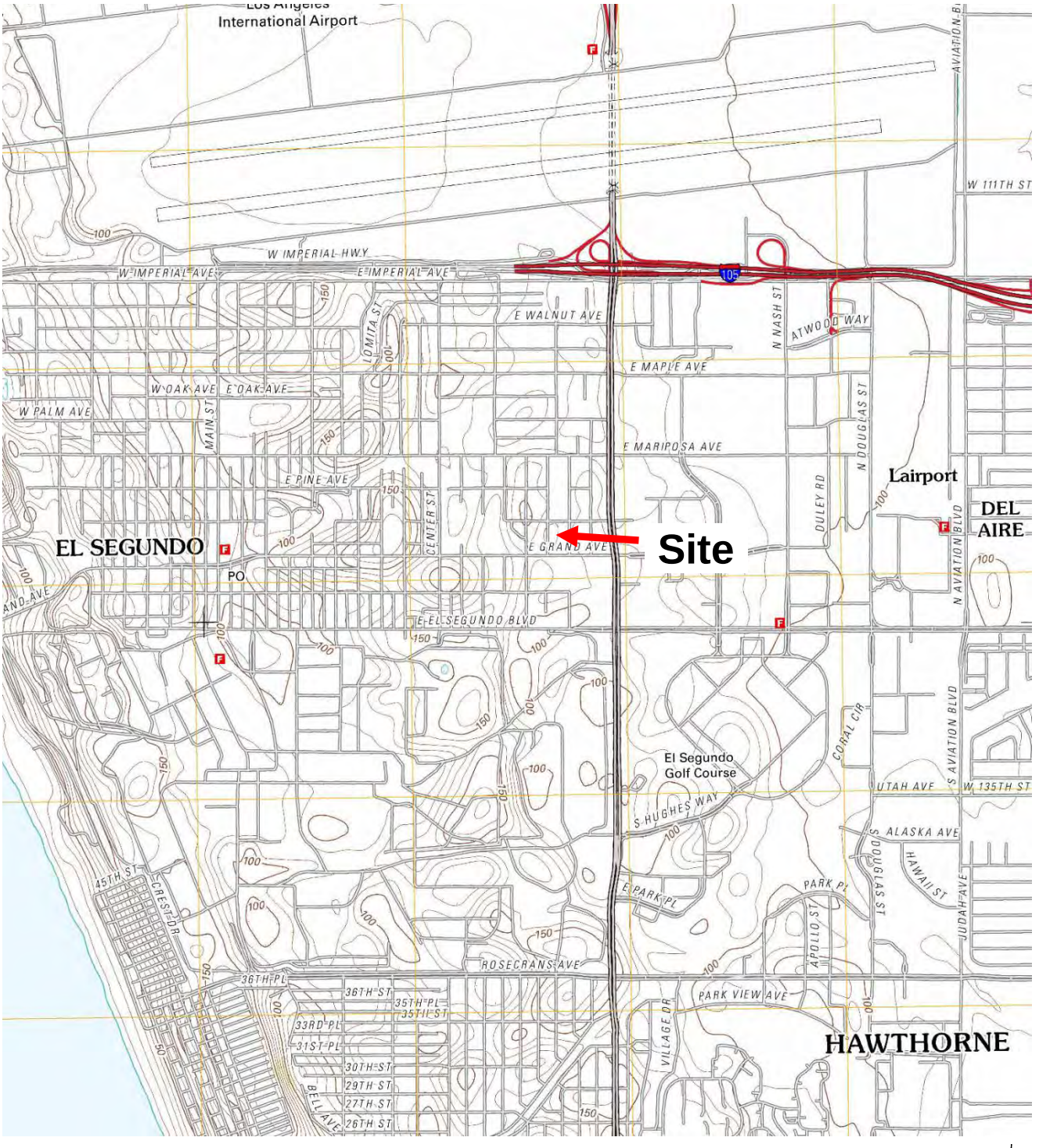
Anthony Parenteau
Partner (Environmental Professional)

Maggie Tymkow
Site Assessor (Environmental Professional)

ERM
1920 Main Street, Suite 300
Irvine, California 92614

Figures





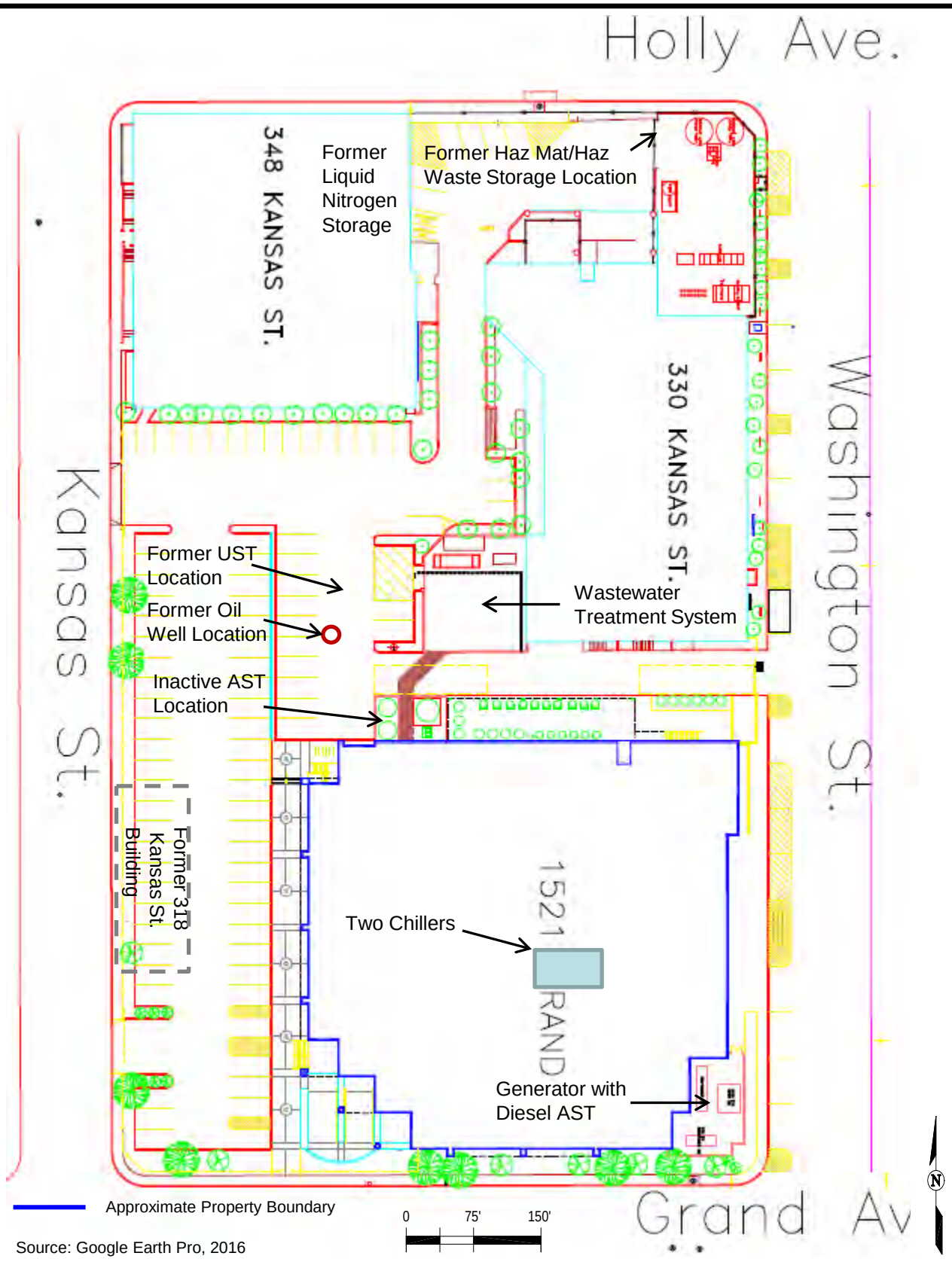
SOURCE: Venice, CA 7.5 MINUTE TOPOGRAPHIC QUADRANGLE, 2012

SCALE: 1:25,000

ERM

SITE LOCATION MAP
Infineon Block 2
El Segundo, California

Figure
1

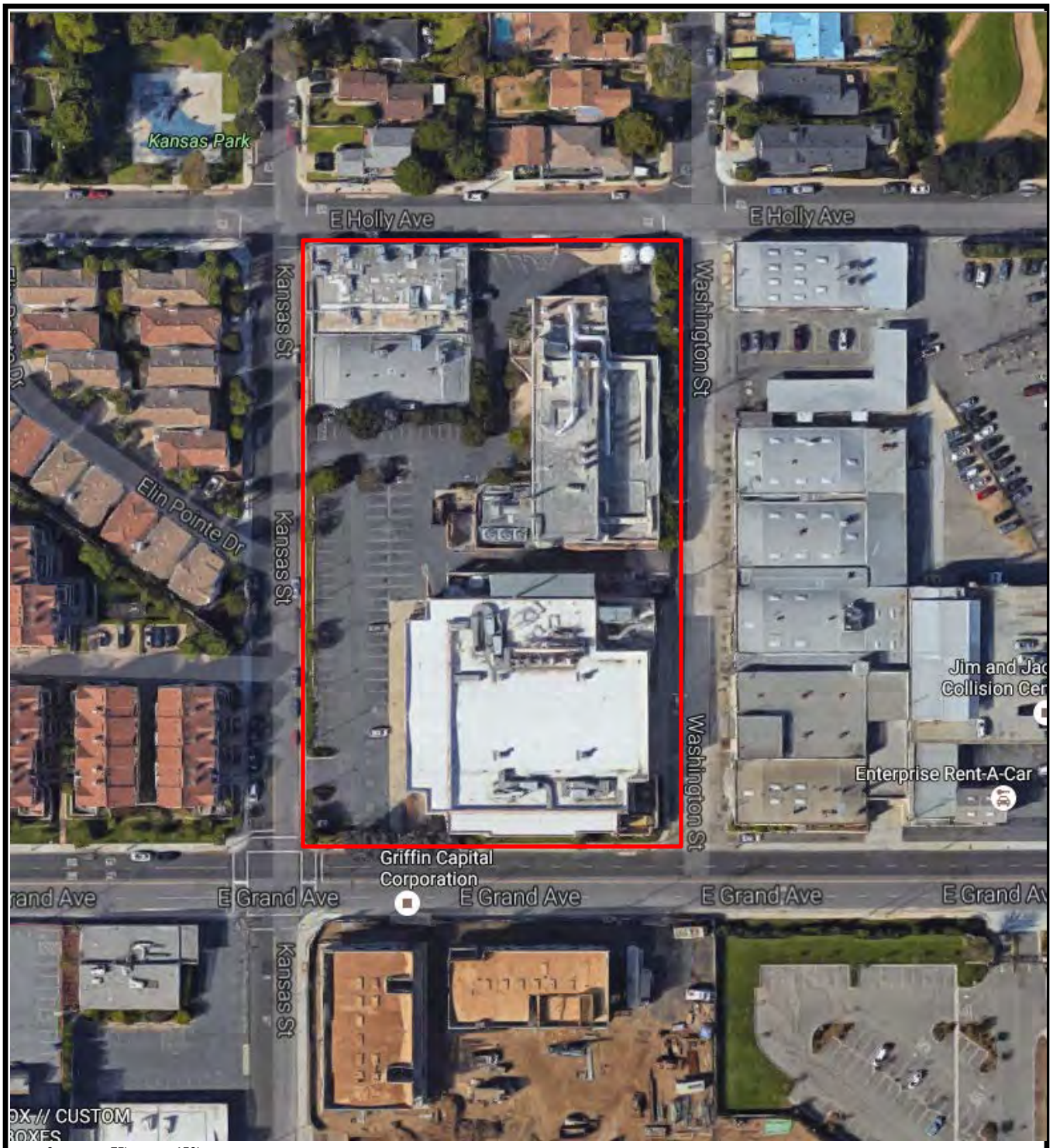


Source: Google Earth Pro, 2016

ERM

SITE LAYOUT MAP
Infineon Block 2
El Segundo, California

Figure
2



Approximate Property Boundary

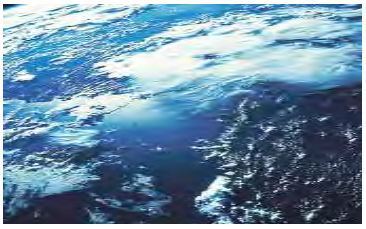
Source: Google Earth Pro, 2016

ERM

SURROUNDING AREA MAP
Infineon Block 2
El Segundo, California

Figure
3

Appendix A
Site Photographs





Photograph: 1	View of 330 Kansas Street building.



Photograph: 2	View of the former UST area at 330 Kansas Street.



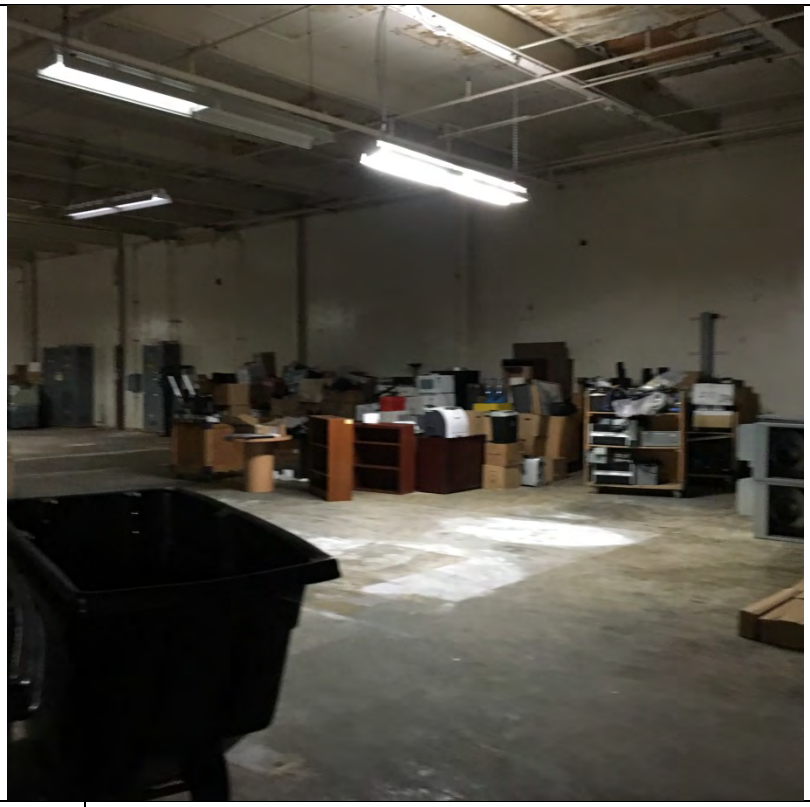
Photograph: 3	View of air compressor at 330 Kansas Street.



Photograph: 4	View of former AST area at 330 Kansas Street.



Photograph: 5	View of former AST area at 330 Kansas Street.



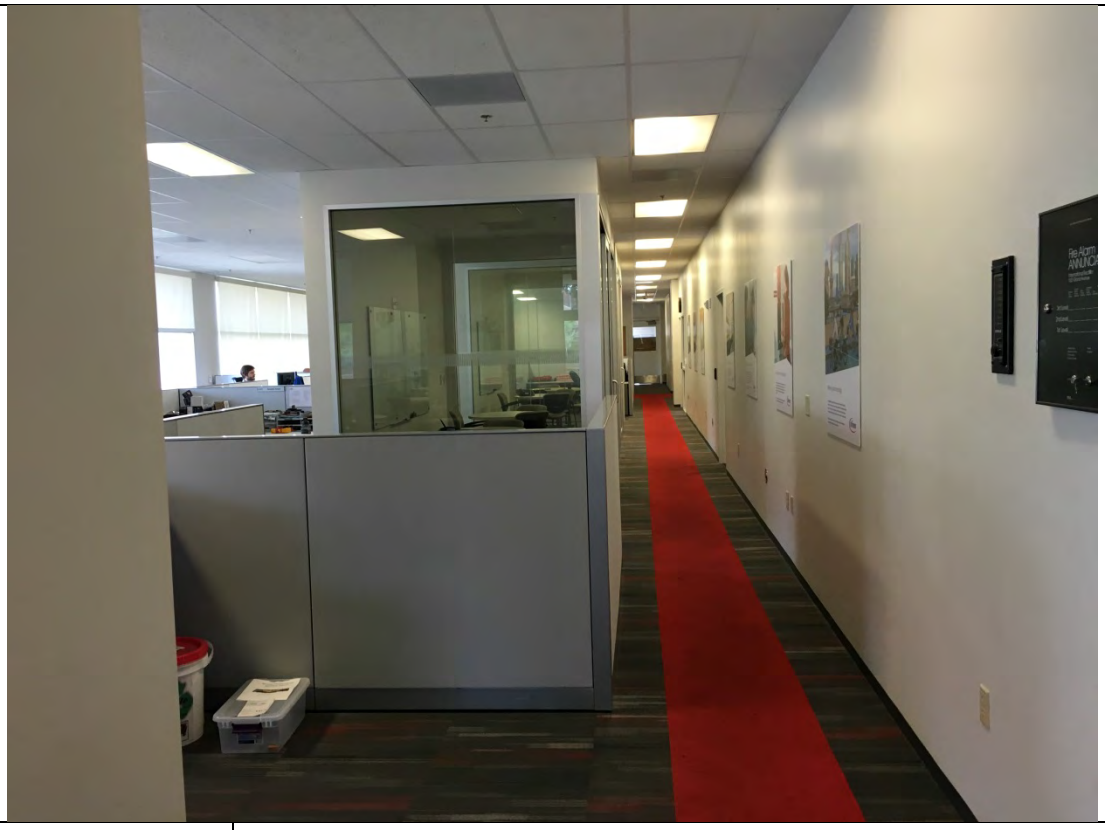
Photograph: 6	View of the interior of the 330 Kansas Street building.



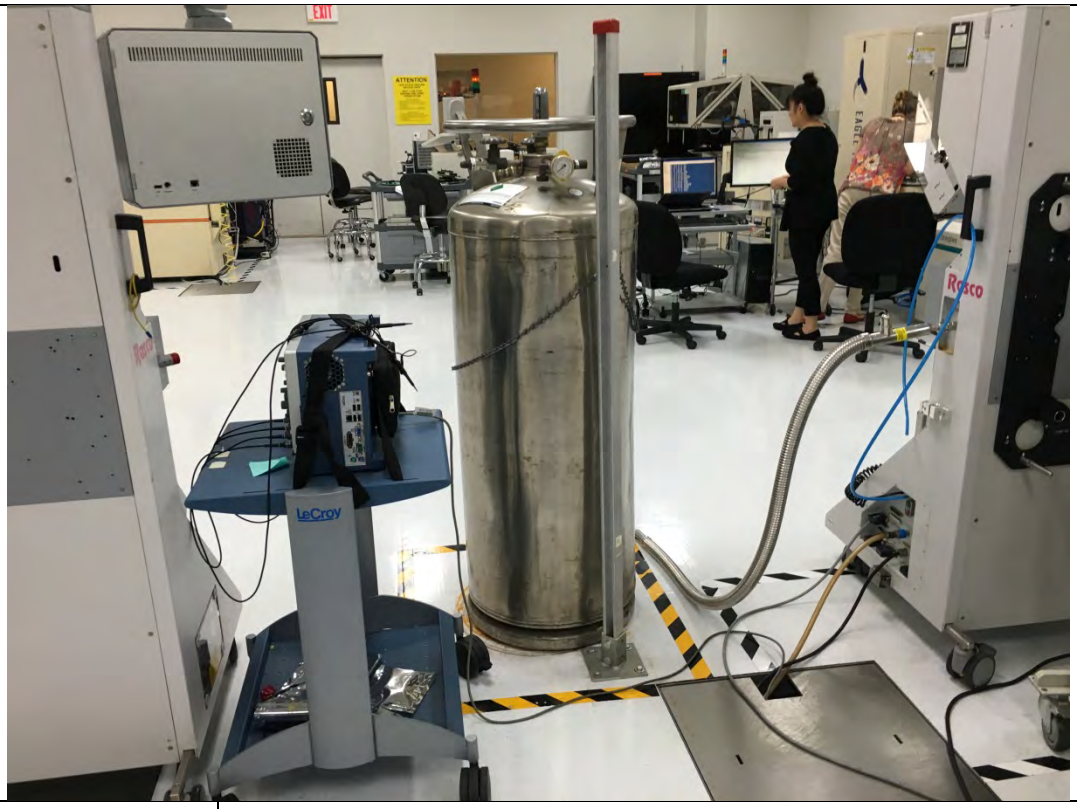
Photograph: 7	View of the interior of the 330 Kansas Street building.



Photograph: 8	View of 1521 East Grand Avenue building.



Photograph: 9	View of the interior of the 1521 East Grand Avenue building.



Photograph: 10	View of the laboratory area inside the 1521 East Grand Avenue building.



Photograph: 11	View of waste storage at 1521 East Grand Avenue.



Photograph: 12	View of the pipelines at 1521 East Grand Avenue.



Photograph: 13	View of an AST at 1521 East Grand Avenue.



Photograph: 14	View of an inactive chiller unit at 1521 East Grand Avenue.

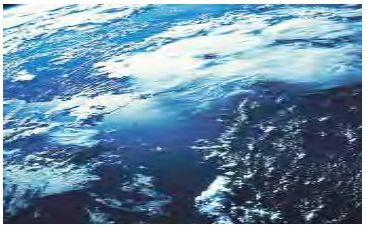


Photograph: 15	View of gas cylinder storage area at 1521 East Grand Avenue.



Photograph: 16	View of the exterior of the 340-348 Kansas Street building.

Appendix B
Historical Sources



Infineon Block 2
330 Kansas Street
El Segundo, CA 90245

Inquiry Number: 4656401.3
June 23, 2016

Certified Sanborn® Map Report

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

Certified Sanborn® Map Report

06/23/16

Site Name:

Infineon Block 2
330 Kansas Street
El Segundo, CA 90245
EDR Inquiry # 4656401.3

Client Name:

ERM - West, Inc.
1277 Treat Blvd
Walnut Creek, CA 94597
Contact: Maggie Tymkow

The Sanborn Library has been searched by EDR and maps covering the target property location as provided by ERM - West, Inc. were identified for the years listed below. The Sanborn Library is the largest, most complete collection of fire insurance maps. The collection includes maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow, and others. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by the Sanborn Library LLC, the copyright holder for the collection. Results can be authenticated by visiting www.edrnet.com/sanborn.

The Sanborn Library is continually enhanced with newly identified map archives. This report accesses all maps in the collection as of the day this report was generated.

Certified Sanborn Results:

Certification # 5C62-48C4-B26B

PO # TBD

Project NA

UNMAPPED PROPERTY

This report certifies that the complete holdings of the Sanborn Library, LLC collection have been searched based on client supplied target property information, and fire insurance maps covering the target property were not found.

Sanborn® Library search results

Certification #: 5C62-48C4-B26B

The Sanborn Library includes more than 1.2 million fire insurance maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow and others which track historical property usage in approximately 12,000 American cities and towns. Collections searched:

- ☑ Library of Congress
- ☑ University Publications of America
- ☑ EDR Private Collection

The Sanborn Library LLC Since 1866™

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Infineon Block 2
330 Kansas Street
El Segundo, CA 90245

Inquiry Number: 4656401.4
June 23, 2016

EDR Historical Topo Map Report

with QuadMatch™

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

EDR Historical Topo Map Report

06/23/16

Site Name:

Infineon Block 2
330 Kansas Street
El Segundo, CA 90245
EDR Inquiry # 4656401.4

Client Name:

ERM - West, Inc.
1277 Treat Blvd
Walnut Creek, CA 94597
Contact: Maggie Tymkow

EDR Topographic Map Library has been searched by EDR and maps covering the target property location as provided by ERM - West, Inc. were identified for the years listed below. EDR's Historical Topo Map Report is designed to assist professionals in evaluating potential liability on a target property resulting from past activities. EDRs Historical Topo Map Report includes a search of a collection of public and private color historical topographic maps, dating back to the late 1800s.

Search Results:

P.O.# TBD
Project: NA

Coordinates:

Latitude:	33.920351 33° 55' 13" North
Longitude:	-118.399676 -118° 23' 59" West
UTM Zone:	Zone 11 North
UTM X Meters:	370617.55
UTM Y Meters:	3754206.71
Elevation:	118.39' above sea level

Maps Provided:

2012	1896
1981	
1972	
1964	
1950	
1948	
1930, 1934	
1924	

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Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

2012 Source Sheets



Venice
2012
7.5-minute, 24000

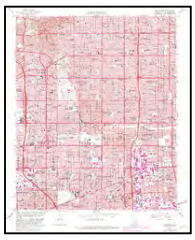


Inglewood
2012
7.5-minute, 24000

1981 Source Sheets



Venice
1981
7.5-minute, 24000
Photo Revised 1981
Aerial Photo Revised 1978



Inglewood
1981
7.5-minute, 24000
Photo Revised 1981
Aerial Photo Revised 1978

1972 Source Sheets



Inglewood
1972
7.5-minute, 24000
Photo Revised 1972
Aerial Photo Revised 1972



Venice
1972
7.5-minute, 24000
Photo Revised 1972
Aerial Photo Revised 1972

1964 Source Sheets



Inglewood
1964
7.5-minute, 24000
Aerial Photo Revised 1963
Edited 1964



Venice
1964
7.5-minute, 24000
Aerial Photo Revised 1963
Edited 1964

Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

1950 Source Sheets



Venice
1950
7.5-minute, 24000
Aerial Photo Revised 1947



Inglewood
1950
7.5-minute, 24000
Aerial Photo Revised 1947
Edited 1950

1948 Source Sheets



Inglewood
1948
7.5-minute, 24000

1930, 1934 Source Sheets



Inglewood
1930
7.5-minute, 24000



Venice
1934
7.5-minute, 24000



Torrance
1934
7.5-minute, 24000

1924 Source Sheets



Venice
1924
7.5-minute, 24000



Torrance
1924
7.5-minute, 24000



Inglewood
1924
7.5-minute, 24000

Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

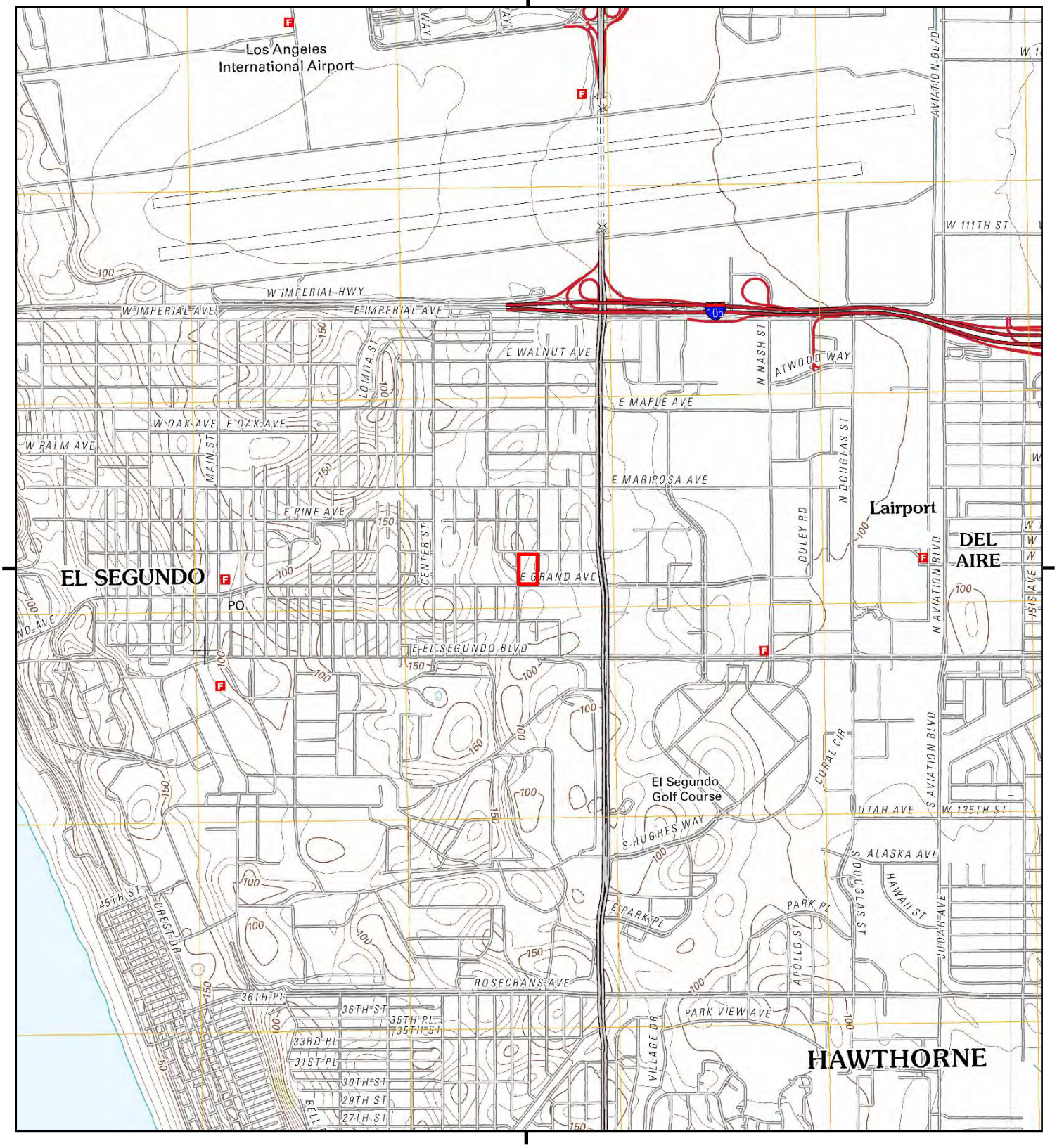
1896 Source Sheets



Redondo
1896
15-minute, 62500

Historical Topo Map

2012



This report includes information from the following map sheet(s).

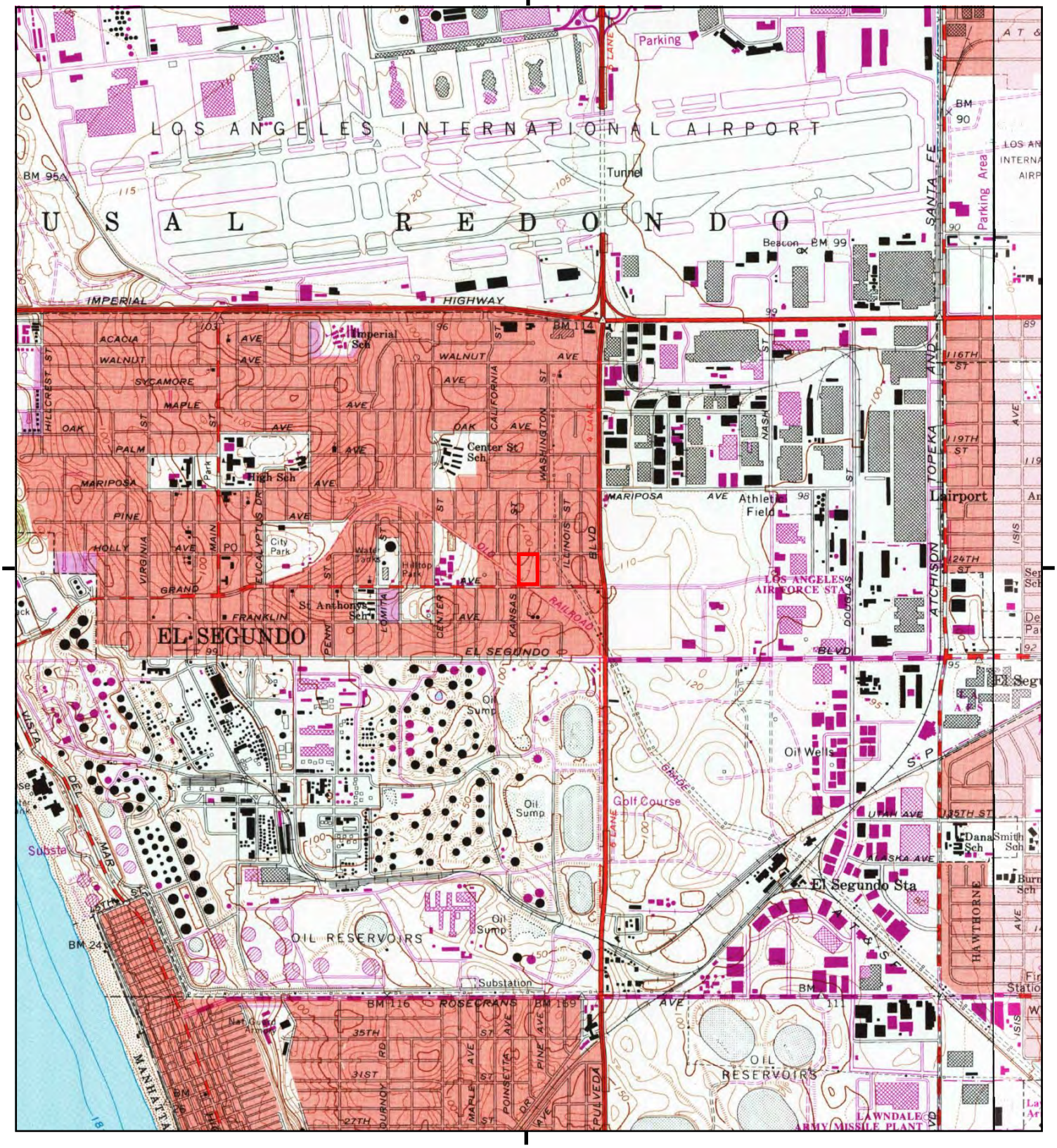
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Venice, 2012, 7.5-minute
E, Inglewood, 2012, 7.5-minute

SITE NAME: Infineon Block 2
ADDRESS: 330 Kansas Street
El Segundo, CA 90245
CLIENT: ERM - West, Inc.

N



This report includes information from the following map sheet(s).

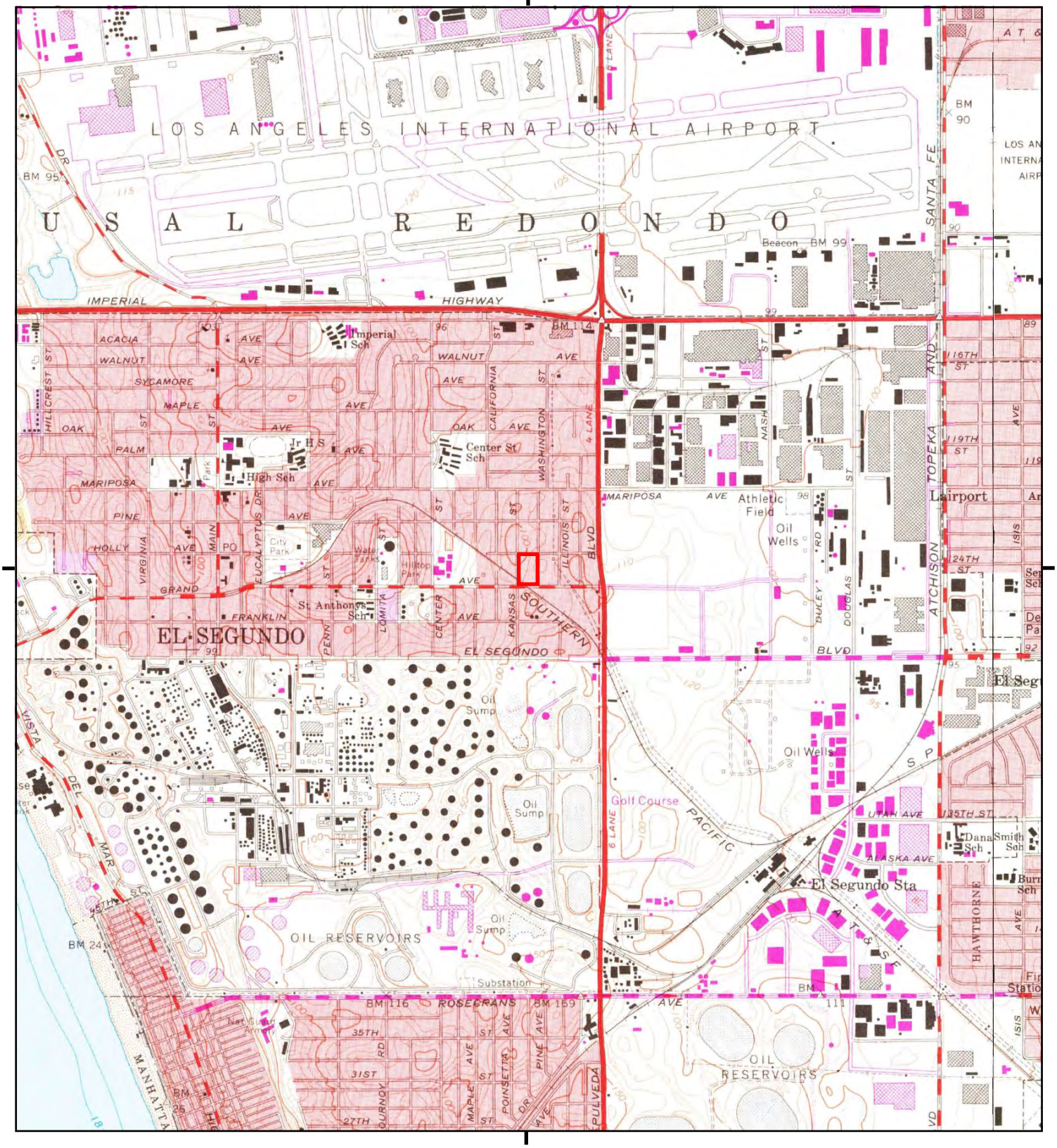
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Venice, 1981, 7.5-minute
E, Inglewood, 1981, 7.5-minute

SITE NAME: Infineon Block 2
ADDRESS: 330 Kansas Street
El Segundo, CA 90245
CLIENT: ERM - West, Inc.

N



This report includes information from the following map sheet(s).

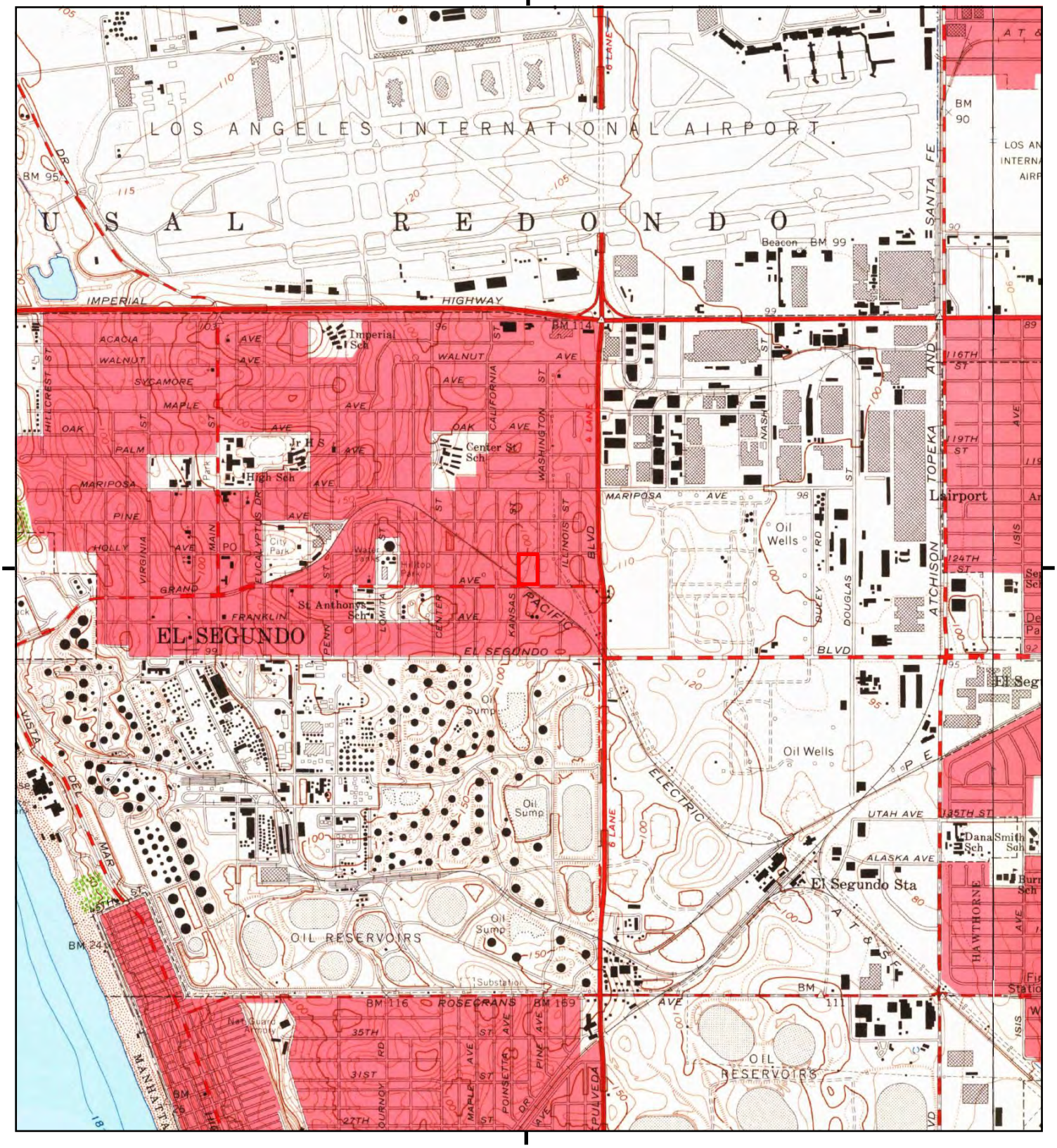
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NW N NE
W E
SW S SE

TP, Venice, 1972, 7.5-minute
E, Inglewood, 1972, 7.5-minute

SITE NAME: Infineon Block 2
ADDRESS: 330 Kansas Street
El Segundo, CA 90245
CLIENT: ERM - West, Inc.

N



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

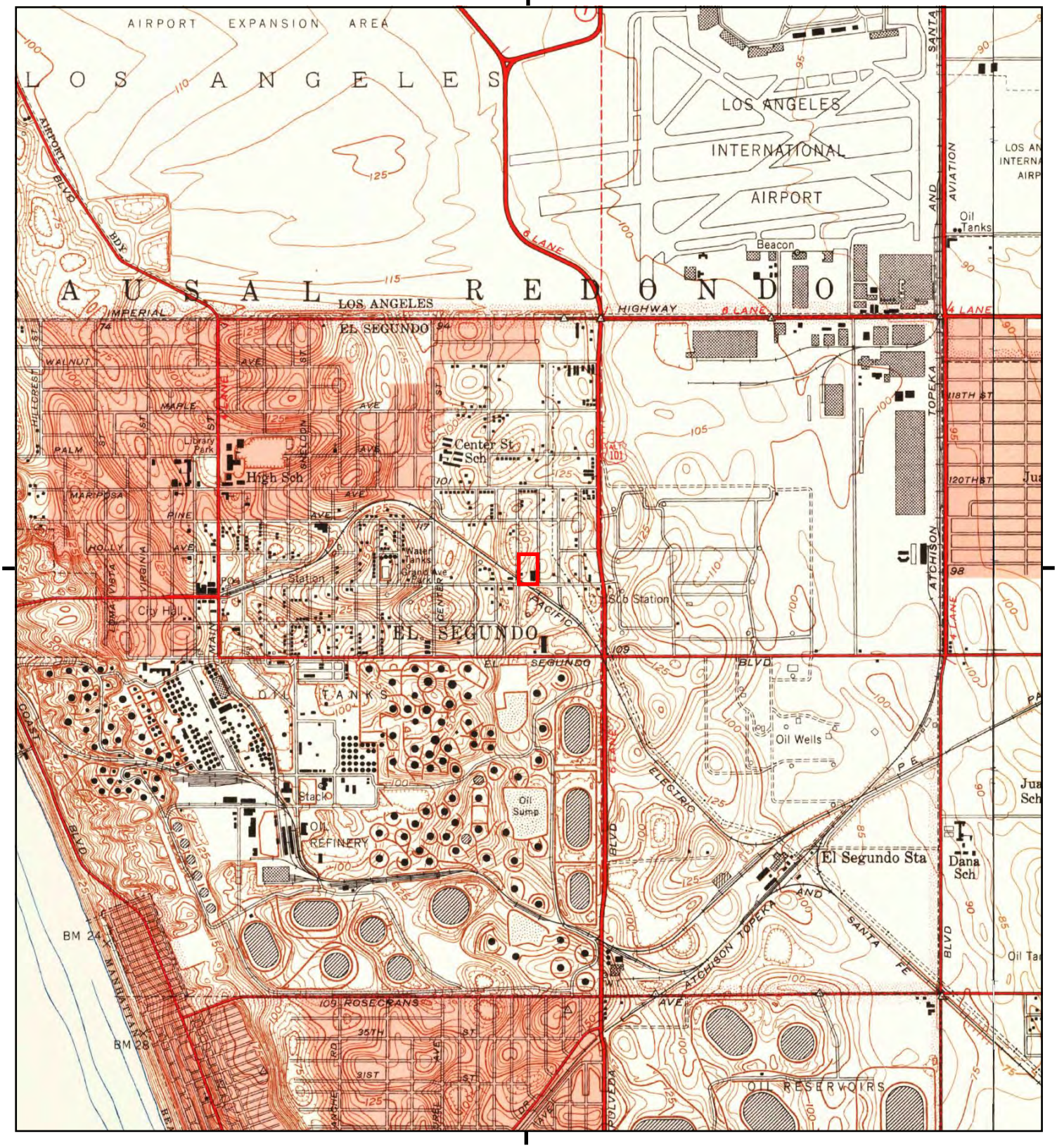
TP, Venice, 1964, 7.5-minute
E, Inglewood, 1964, 7.5-minute

SITE NAME: Infineon Block 2
ADDRESS: 330 Kansas Street
El Segundo, CA 90245
CLIENT: ERM - West, Inc.

N

Historical Topo Map

1950



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0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

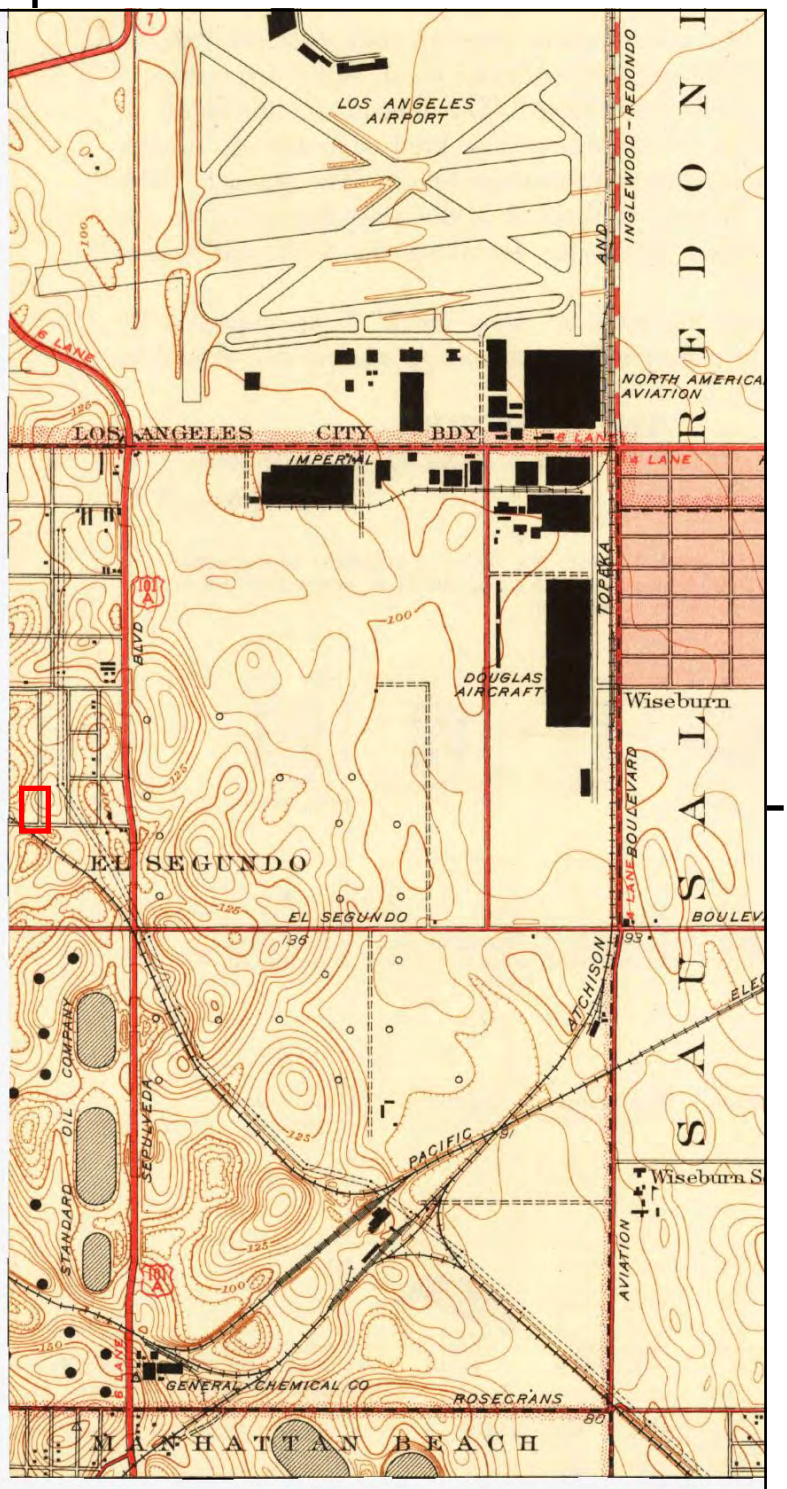
TP, Venice, 1950, 7.5-minute
E, Inglewood, 1950, 7.5-minute

SITE NAME: Infineon Block 2
ADDRESS: 330 Kansas Street
El Segundo, CA 90245
CLIENT: ERM - West, Inc.

N

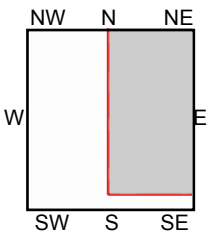
Historical Topo Map

1948



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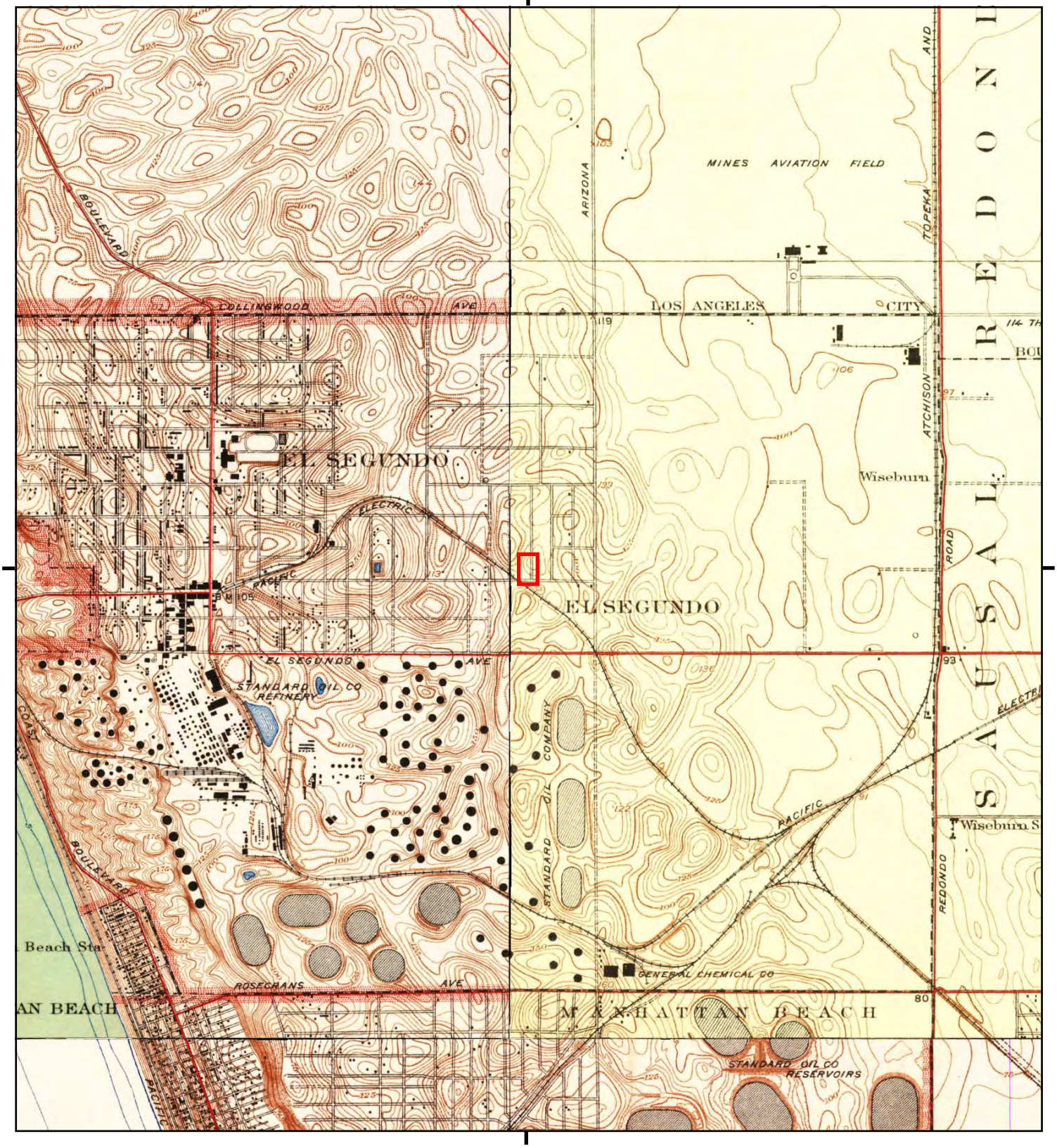
TP, Inglewood, 1948, 7.5-minute

SITE NAME: Infineon Block 2
ADDRESS: 330 Kansas Street
El Segundo, CA 90245
CLIENT: ERM - West, Inc.

N

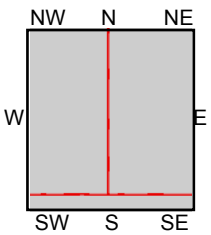
Historical Topo Map

1930, 1934



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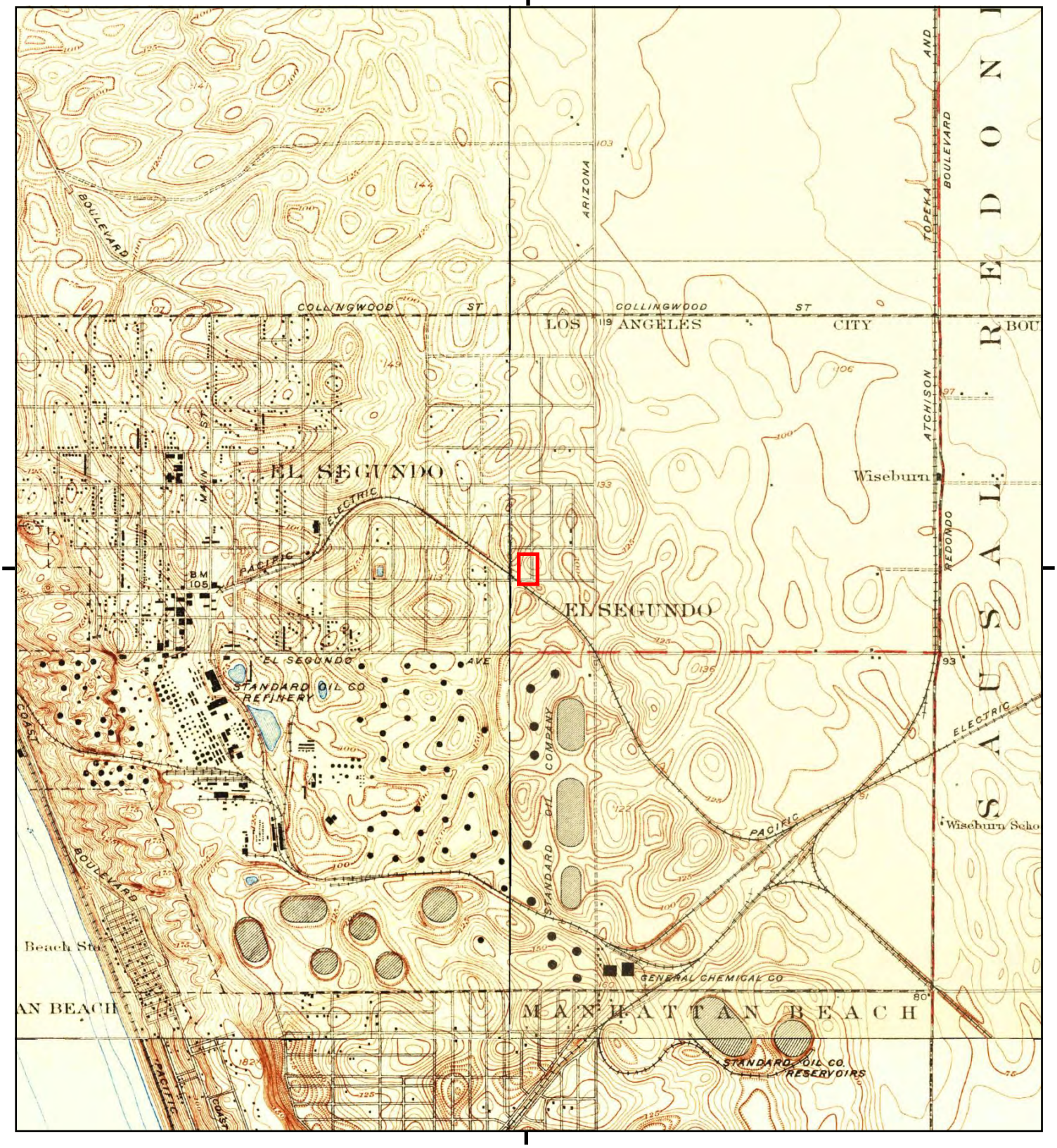
TP, Inglewood, 1930, 7.5-minute
S, Torrance, 1934, 7.5-minute
NW, Venice, 1934, 7.5-minute

SITE NAME: Infineon Block 2
ADDRESS: 330 Kansas Street
El Segundo, CA 90245
CLIENT: ERM - West, Inc.

N

Historical Topo Map

1924



This report includes information from the following map sheet(s).

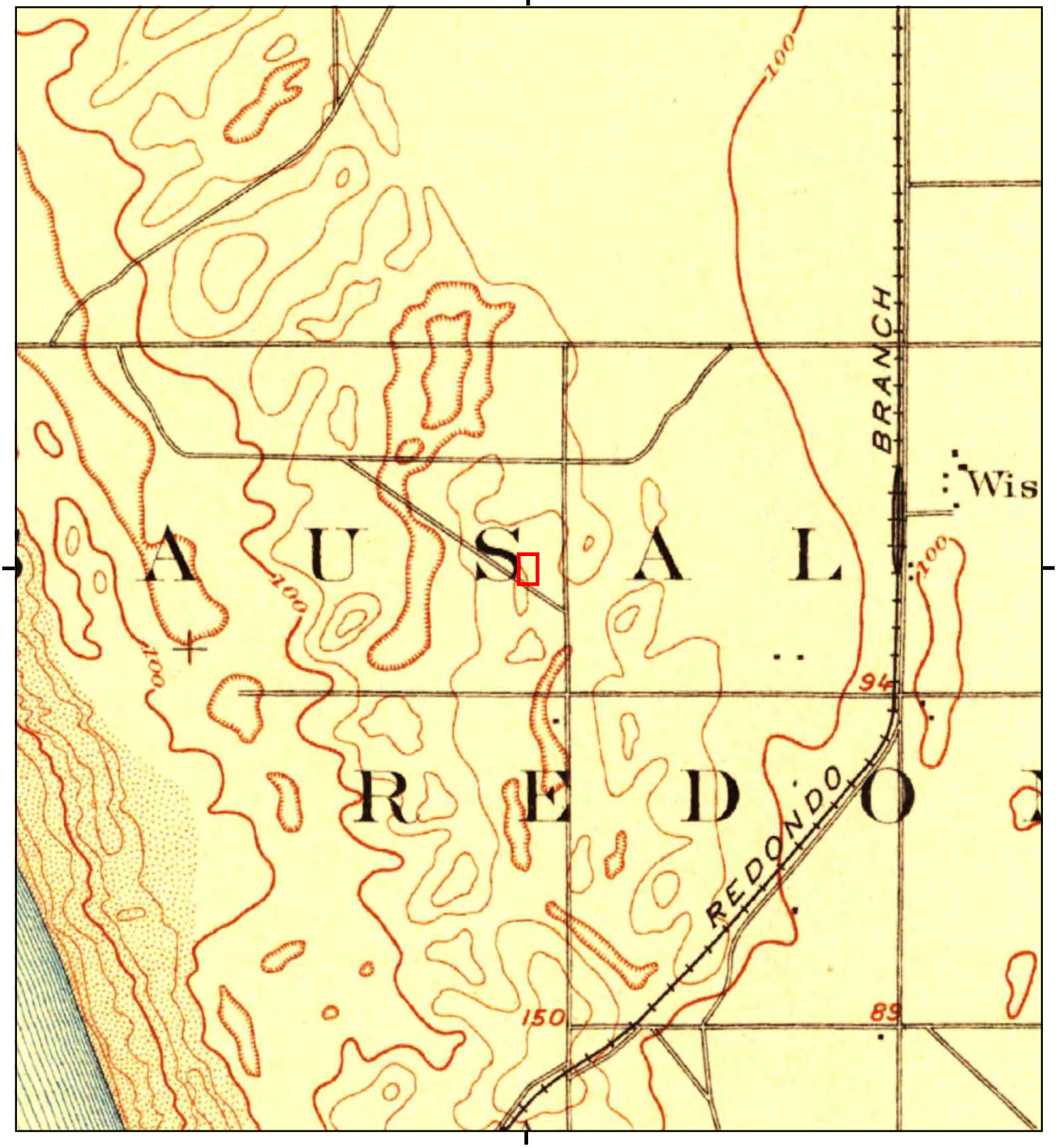
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Inglewood, 1924, 7.5-minute
S, Torrance, 1924, 7.5-minute
NW, Venice, 1924, 7.5-minute

SITE NAME: Infineon Block 2
ADDRESS: 330 Kansas Street
El Segundo, CA 90245
CLIENT: ERM - West, Inc.

N



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Redondo, 1896, 15-minute

SITE NAME: Infineon Block 2
ADDRESS: 330 Kansas Street
El Segundo, CA 90245
CLIENT: ERM - West, Inc.

N

Infineon Block 2
330 Kansas Street
El Segundo, CA 90245

Inquiry Number: 4656401.9
June 27, 2016

The EDR Aerial Photo Decade Package

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

EDR Aerial Photo Decade Package

06/27/16

Site Name:

Infineon Block 2
330 Kansas Street
El Segundo, CA 90245
EDR Inquiry # 4656401.9

Client Name:

ERM - West, Inc.
1277 Treat Blvd
Walnut Creek, CA 94597
Contact: Maggie Tymkow

Environmental Data Resources, Inc. (EDR) Aerial Photo Decade Package is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's professional researchers provide digitally reproduced historical aerial photographs, and when available, provide one photo per decade.

Search Results:

Year	Scale	Details	Source
2012	1"=500'	Flight Year: 2012	USDA/NAIP
2010	1"=500'	Flight Year: 2010	USDA/NAIP
2009	1"=500'	Flight Year: 2009	USDA/NAIP
2005	1"=500'	Flight Year: 2005	USDA/NAIP
2002	1"=500'	Flight Date: June, 10 2002	USDA
1994	1"=500'	Acquisition Date: May, 31 1994	USGS/DOQQ
1989	1"=500'	Flight Date: August, 22 1989	USDA
1983	1"=500'	Flight Date: November, 19 1983	EDR Proprietary Brewster Pacific
1972	1"=500'	Flight Date: October, 30 1972	EDR Proprietary Brewster Pacific
1970	1"=500'	Flight Date: February, 17 1970	EDR Proprietary Brewster Pacific
1963	1"=500'	Flight Date: February, 28 1963	USGS
1953	1"=500'	Flight Date: November, 19 1953	USDA
1947	1"=500'	Flight Date: January, 01 1947	Fairchild
1938	1"=500'	Flight Date: October, 07 1938	USDA
1928	1"=500'	Flight Date: January, 01 1928	FAIR
1923	1"=500'	Flight Date: January, 01 1923	FAIR

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INQUIRY #: 4656401.9
YEAR: 2012
= 500'
N
EDR


INQUIRY #: 4656401.9
YEAR: 2010
= 500'
N
EDR


INQUIRY #: 4656401.9
YEAR: 2009
= 500'
N
EDR

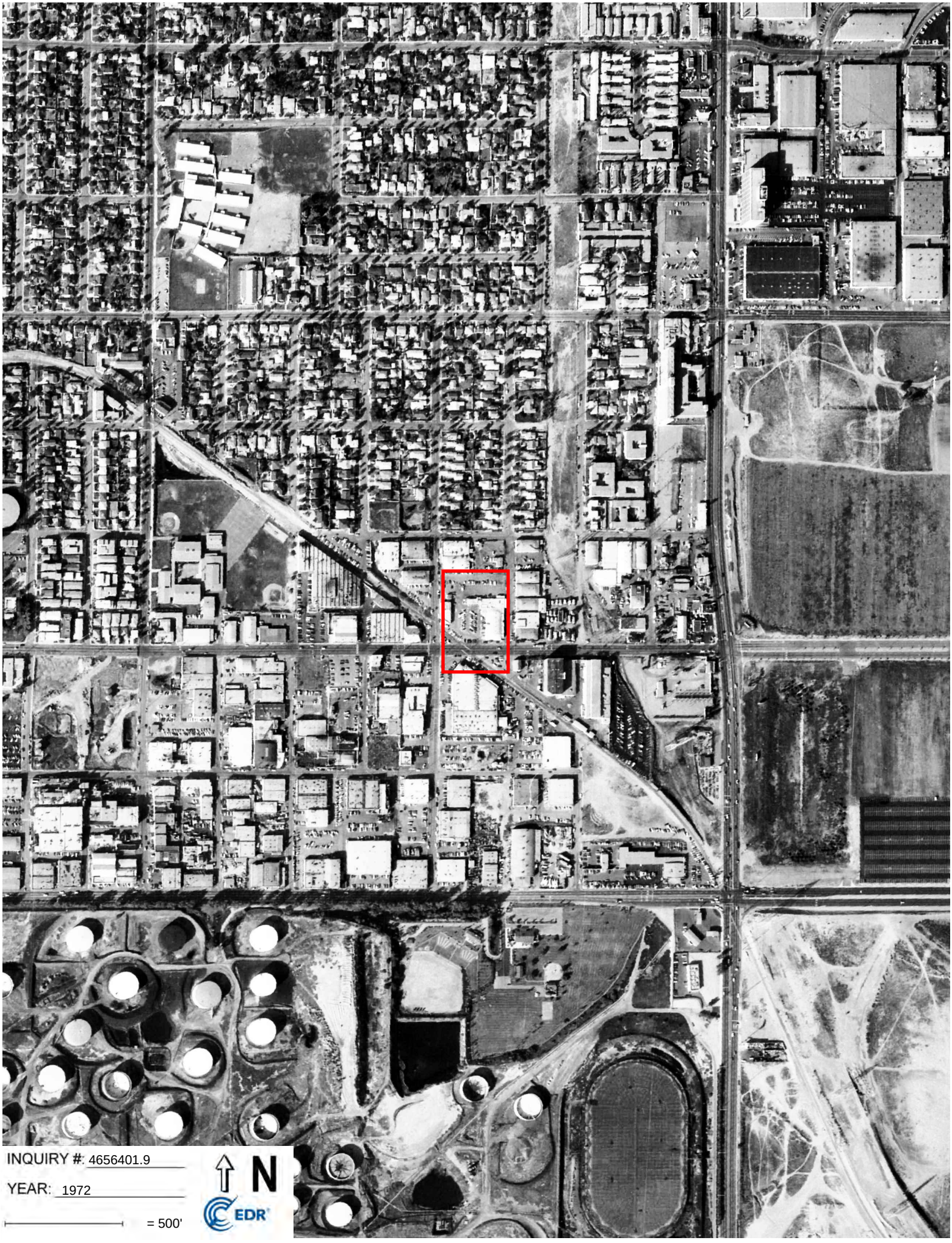

INQUIRY #: 4656401.9
YEAR: 2005
= 500'
N
EDR


INQUIRY #: 4656401.9
YEAR: 2002
= 500'
N
EDR


INQUIRY #: 4656401.9
YEAR: 1994
= 500'
N
EDR


INQUIRY #: 4656401.9
YEAR: 1989
= 500'
N
EDR


INQUIRY #: 4656401.9
YEAR: 1983
= 500'
N
EDR


INQUIRY #: 4656401.9
YEAR: 1972
= 500'
N
EDR


INQUIRY #: 4656401.9
YEAR: 1970
= 500'
N
EDR


INQUIRY #: 4656401.9
YEAR: 1963
= 500'
N
EDR


INQUIRY #: 4656401.9
YEAR: 1953
= 500'
N
EDR



INQUIRY #: 4656401.9

YEAR: 1947

= 500'

N

EDR


INQUIRY #: 4656401.9
YEAR: 1938
= 500'
N
EDR


INQUIRY #: 4656401.9
YEAR: 1928
= 500'
N
EDR



INQUIRY #: 4656401.9

YEAR: 1923

= 500'

N

EDR

Infineon Block 2
330 Kansas Street
El Segundo, CA 90245

Inquiry Number: 4656401.5
June 23, 2016

The EDR-City Directory Abstract

Environmental Data Resources Inc

6 Armstrong Road
Shelton, CT 06484
800.352.0050
www.edrnet.com

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SECTION

Executive Summary

Findings

City Directory Images

Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

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This Report contains certain information obtained from a variety of public and other sources reasonably available to Environmental Data Resources, Inc. It cannot be concluded from this Report that coverage information for the target and surrounding properties does not exist from other sources. **NO WARRANTY EXPRESSED OR IMPLIED, IS MADE WHATSOEVER IN CONNECTION WITH THIS REPORT. ENVIRONMENTAL DATA RESOURCES, INC. SPECIFICALLY DISCLAIMS THE MAKING OF ANY SUCH WARRANTIES, INCLUDING WITHOUT LIMITATION, MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE. ALL RISK IS ASSUMED BY THE USER. IN NO EVENT SHALL ENVIRONMENTAL DATA RESOURCES, INC. BE LIABLE TO ANYONE, WHETHER ARISING OUT OF ERRORS OR OMISSIONS, NEGLIGENCE, ACCIDENT OR ANY OTHER CAUSE, FOR ANY LOSS OR DAMAGE, INCLUDING, WITHOUT LIMITATION, SPECIAL, INCIDENTAL, CONSEQUENTIAL, OR EXEMPLARY DAMAGES. ANY LIABILITY ON THE PART OF ENVIRONMENTAL DATA RESOURCES, INC. IS STRICTLY LIMITED TO A REFUND OF THE AMOUNT PAID FOR THIS REPORT.** Purchaser accepts this Report "AS IS". Any analyses, estimates, ratings, environmental risk levels or risk codes provided in this Report are provided for illustrative purposes only, and are not intended to provide, nor should they be interpreted as providing any facts regarding, or prediction orforecast of, any environmental risk for any property. Only a Phase I Environmental Site Assessment performed by an environmental professional can provide information regarding the environmental risk for any property. Additionally, the information provided in this Report is not to be construed as legal advice.

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EXECUTIVE SUMMARY

DESCRIPTION

Environmental Data Resources, Inc.'s (EDR) City Directory Abstract is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's City Directory Abstract includes a search and abstract of available city directory data. For each address, the directory lists the name of the corresponding occupant at five year intervals.

Business directories including city, cross reference and telephone directories were reviewed, if available, at approximately five year intervals for the years spanning 1920 through 2013. This report compiles information gathered in this review by geocoding the latitude and longitude of properties identified and gathering information about properties within 660 feet of the target property.

A summary of the information obtained is provided in the text of this report.

RESEARCH SUMMARY

The following research sources were consulted in the preparation of this report. An "X" indicates where information was identified in the source and provided in this report.

Year	Source	TP	Adjoining	Text Abstract	Source Image
2013	Cole Information Services	-	X	X	-
2008	Cole Information Services	-	X	X	-
2006	Haines Company, Inc.	-	X	X	-
2004	Haines Company	-	-	-	-
2003	Haines & Company	-	-	-	-
2001	Haines & Company, Inc.	-	X	X	-
2000	Pacific Bell Telephone Co	-	X	X	-
1999	Haines Company	-	-	-	-
1996	GTE	-	-	-	-
1995	Pacific Bell	-	X	X	-
	Pacific Bell Telephone Co	-	X	X	-
1992	PACIFIC BELL WHITE PAGES	-	-	-	-
1991	Pacific Bell	-	X	X	-
1990	Pacific Bell	-	X	X	-
	Pacific Bell Telephone Co	-	X	X	-
1986	Pacific Bell	-	X	X	-
1985	Pacific Bell	-	X	X	-
1981	Pacific Telephone	-	X	X	-
1980	Pacific Telephone	-	X	X	-
	Pacific Telephone Co	-	X	X	-
1976	Pacific Telephone	-	X	X	-
1975	Pacific Telephone	-	X	X	-
	Pacific Telephone Co	-	X	X	-
1972	R. L. Polk & Co.	-	-	-	-
1971	Pacific Telephone	-	X	X	-

EXECUTIVE SUMMARY

Year	Source	TP	Adjoining	Text Abstract	Source Image
1970	Pacific Telephone	-	X	X	-
	Pacific Telephone Co	-	X	X	-
1969	Pacific Telephone	-	-	-	-
1967	Pacific Telephone	-	X	X	-
1966	Pacific Telephone	-	X	X	-
1965	The Pacific Telephone and Telegraph Co	-	X	X	-
1964	Pacific Telephone	-	X	X	-
1963	Pacific Telephone	-	-	-	-
1962	Pacific Telephone	-	X	X	-
1961	R. L. Polk & Co.	-	-	-	-
1960	Pacific Telephone	-	X	X	-
	Pacific Telephone and Telegraph Company	-	X	X	-
1958	Pacific Telephone	-	X	X	-
1957	Pacific Telephone	-	X	X	-
1956	Pacific Telephone	-	-	-	-
1955	R. L. Polk & Co.	-	-	-	-
1954	R. L. Polk & Co.	-	X	X	-
1952	Los Angeles Directory Co.	-	-	-	-
1951	Los Angeles Directory Co.	-	-	-	-
1950	Pacific Telephone	-	X	X	-
1949	Los Angeles Directory Co.	-	-	-	-
1948	Associated Telephone Company, Ltd.	-	-	-	-
1947	Pacific Directory Co.	-	-	-	-
1946	Southern California Telephone Co	-	-	-	-
1945	R. L. Polk & Co.	-	-	-	-
1944	R. L. Polk & Co.	-	-	-	-
1942	Los Angeles Directory Co.	-	-	-	-
1940	Los Angeles Directory Co.	-	-	-	-
1939	Los Angeles Directory Co.	-	-	-	-
1938	Los Angeles Directory Company Publishers	-	-	-	-
1937	Los Angeles Directory Co.	-	-	-	-
1936	Los Angeles Directory Co.	-	-	-	-
1935	Los Angeles Directory Co.	-	-	-	-
1934	Los Angeles Directory Co.	-	-	-	-
1933	Los Angeles Directory Co.	-	X	X	-
1932	Los Angeles Directory Co.	-	-	-	-
1931	TRIBUNE-NEWS PUBLISHING CO.	-	-	-	-
1930	Los Angeles Directory Co.	-	-	-	-
1929	Los Angeles Directory Co.	-	-	-	-
1928	Los Angeles Directory Co.	-	-	-	-
1927	Los Angeles Directory Co.	-	-	-	-

EXECUTIVE SUMMARY

Year	Source	TP	Adjoining	Text Abstract	Source Image
1926	Los Angeles Directory Co.	-	-	-	-
1925	Los Angeles Directory Co.	-	-	-	-
1924	Los Angeles Directory Co.	-	-	-	-
1923	Los Angeles Directory Company	-	X	X	-
1921	Los Angeles Directory Co.	-	-	-	-
1920	Los Angeles Directory Co.	-	-	-	-

EXECUTIVE SUMMARY

SELECTED ADDRESSES

The following addresses were selected by the client, for EDR to research. An "X" indicates where information was identified.

Address	*Type*	*Findings*
1521 Grand Avenue	Client Entered	X
340 Kansas Street	Client Entered	
348 Kansas Street	Client Entered	X
318 Kansas Street	Client Entered	

FINDINGS

TARGET PROPERTY INFORMATION

ADDRESS

330 Kansas Street
El Segundo, CA 90245

FINDINGS DETAIL

Target Property research detail.

FINDINGS

ADJOINING PROPERTY DETAIL

The following Adjoining Property addresses were researched for this report. Detailed findings are provided for each address.

CALIFORNIA

232 CALIFORNIA

Year	Uses	Source
2000	CALIFORNIA CONTro	Pacific Bell Telephone Co
	140 DBSOUND	Pacific Bell Telephone Co
1995	SPIRIT ACTIVEw EAR	Pacific Bell Telephone Co
1990	PLAYA SCREEN PRINTING	Pacific Bell Telephone Co
	Nickerson Clay	Pacific Bell Telephone Co
	CALIFORNIA OPTICS	Pacific Bell Telephone Co

235 CALIFORNIA

Year	Uses	Source
2000	CALIF EXCURSION & TRANSPORTATION INC	Pacific Bell Telephone Co

236 CALIFORNIA

Year	Uses	Source
2000	Building	Pacific Bell Telephone Co
	A PARADISE AWARDS	Pacific Bell Telephone Co
	St USIO LAX	Pacific Bell Telephone Co
	STRATOTECHCOPRORATi IO	Pacific Bell Telephone Co
1995	A PARADISE AWARDSS	Pacific Bell Telephone Co
	Building	Pacific Bell Telephone Co
	PLAYA SCRi EEN PRINTING	Pacific Bell Telephone Co
	STRATOTECH COMPANY	Pacific Bell Telephone Co
1990	STRATOTECH COMPANY	Pacific Bell Telephone Co

400 CALIFORNIA

Year	Uses	Source
1995	Claudino John	Pacific Bell Telephone Co
1990	Claudino John 0D	Pacific Bell Telephone Co

401 CALIFORNIA

Year	Uses	Source
1995	Blair Linda	Pacific Bell Telephone Co

FINDINGS

Year	Uses	Source
1995	Blair Terry	Pacific Bell Telephone Co
1990	Blair Linda	Pacific Bell Telephone Co
	Blair Terry	Pacific Bell Telephone Co

404 CALIFORNIA

Year	Uses	Source
2000	Morris RW	Pacific Bell Telephone Co
1995	Morris R W	Pacific Bell Telephone Co
1990	Morris RW	Pacific Bell Telephone Co

405 CALIFORNIA

Year	Uses	Source
2000	Christie Clark H Jr	Pacific Bell Telephone Co
1995	Christie Clark H Jr	Pacific Bell Telephone Co
1990	Christie Clark H Jr	Pacific Bell Telephone Co

408 CALIFORNIA

Year	Uses	Source
2000	Stabile John S	Pacific Bell Telephone Co
1995	Stabile John S	Pacific Bell Telephone Co
1990	Stabile John S	Pacific Bell Telephone Co

409 CALIFORNIA

Year	Uses	Source
2000	Phillips Gary L	Pacific Bell Telephone Co
1995	Phillips Gary L	Pacific Bell Telephone Co
1990	Phillips Gary L	Pacific Bell Telephone Co

411 CALIFORNIA

Year	Uses	Source
1995	Ptterson Paul	Pacific Bell Telephone Co
1990	Peterson Paul D	Pacific Bell Telephone Co
	Peterson Timothy	Pacific Bell Telephone Co

412 CALIFORNIA

Year	Uses	Source
2000	Walters Julia	Pacific Bell Telephone Co
1995	Ng Wabbiu	Pacific Bell Telephone Co
1990	Ng Wahbiu	Pacific Bell Telephone Co

FINDINGS

416 CALIFORNIA

Year	Uses	Source
2000	Overstreet Peter B	Pacific Bell Telephone Co

419 CALIFORNIA

Year	Uses	Source
2000	Harper Garland M	Pacific Bell Telephone Co
1995	Harper Garland M	Pacific Bell Telephone Co
1990	Harper Garland M	Pacific Bell Telephone Co

423 CALIFORNIA

Year	Uses	Source
2000	Martin Jas E	Pacific Bell Telephone Co
1995	Martin Jas E	Pacific Bell Telephone Co
1990	Martin Jas E	Pacific Bell Telephone Co

424 CALIFORNIA

Year	Uses	Source
1990	Stringer Steve	Pacific Bell Telephone Co

428 CALIFORNIA

Year	Uses	Source
1990	Blaettler Daniel	Pacific Bell Telephone Co

432 CALIFORNIA

Year	Uses	Source
2000	Ghorbani Susan	Pacific Bell Telephone Co

CALIFORNIA ST

232 CALIFORNIA ST

Year	Uses	Source
2008	140 DB SOUND	Cole Information Services
2001	NOVAK Stanley	Haines & Company, Inc.

233 CALIFORNIA ST

Year	Uses	Source
2001	LUMELGeorge	Haines & Company, Inc.

234 CALIFORNIA ST

Year	Uses	Source
2001	LUMELGeorge	Haines & Company, Inc.

FINDINGS

235 CALIFORNIA ST

Year	Uses	Source
2013	IMFORZA LLC	Cole Information Services
2001	CALIF	Haines & Company, Inc.

236 CALIFORNIA ST

Year	Uses	Source
2013	PARADISE AWARDS	Cole Information Services
	STRATOTECH CORPORATION	Cole Information Services
2008	STUDIO LAX	Cole Information Services
	STRATOTECH CORP	Cole Information Services
	CALIFORNIA DRAPERY SERVICE	Cole Information Services
	PARADISE AWARDS	Cole Information Services
2001	A PARADISE AWARDS	Haines & Company, Inc.
	NOVAKStanley	Haines & Company, Inc.

237 CALIFORNIA ST

Year	Uses	Source
2013	MANHATTAN ADVERTISING & MEDIA LAW	Cole Information Services

400 CALIFORNIA ST

Year	Uses	Source
2001	ORYANBrett 00 U	Haines & Company, Inc.

401 CALIFORNIA ST

Year	Uses	Source
2001	OPETERSONEmma	Haines & Company, Inc.

404 CALIFORNIA ST

Year	Uses	Source
2001	MORRIS 0 y	Haines & Company, Inc.

405 CALIFORNIA ST

Year	Uses	Source
2008	SITE CLEAN	Cole Information Services
2001	CHRISTIE Clark HJr	Haines & Company, Inc.

408 CALIFORNIA ST

Year	Uses	Source
2001	STABILEJohn S	Haines & Company, Inc.

FINDINGS

409 CALIFORNIA ST

Year	Uses	Source
2001	CAMPBELLJohn	Haines & Company, Inc.

412 CALIFORNIA ST

Year	Uses	Source
2008	FOOSTEPS OF CALIFORNIA	Cole Information Services
2001	HWANGYin	Haines & Company, Inc.

415 CALIFORNIA ST

Year	Uses	Source
2001	OBITZSam	Haines & Company, Inc.

416 CALIFORNIA ST

Year	Uses	Source
2013	MERCHN MORE	Cole Information Services
2001	MYERSBoolerbaugh	Haines & Company, Inc.

419 CALIFORNIA ST

Year	Uses	Source
2001	HARPERGarland M	Haines & Company, Inc.

420 CALIFORNIA ST

Year	Uses	Source
2008	GO BOY RECORDS INC	Cole Information Services
2001	OBURTI Barry	Haines & Company, Inc.

423 CALIFORNIA ST

Year	Uses	Source
2001	MARTIN Jas E	Haines & Company, Inc.

424 CALIFORNIA ST

Year	Uses	Source
2001	0 CROSSETTHodgen	Haines & Company, Inc.

428 CALIFORNIA ST

Year	Uses	Source
2001	TWINING Ronald	Haines & Company, Inc.

432 CALIFORNIA ST

Year	Uses	Source
2001	GHORBANI Susan	Haines & Company, Inc.

FINDINGS

CALIFORNIA TRL

232 CALIFORNIA TRL

Year	Uses	Source
1980	Astro Development Labs Inc	Pacific Telephone Co
	Marron Victor G	Pacific Telephone Co
	Stratotech Company	Pacific Telephone Co
1975	Astro Development Labs Inc	Pacific Telephone Co
	Stratotech Company	Pacific Telephone Co
1970	Stratotech Company	Pacific Telephone Co
1960	STEVENSON PORTER ea	Pacific Telephone and Telegraph Company
	GRIGGS ELWOOD E CO	Pacific Telephone and Telegraph Company

233 CALIFORNIA TRL

Year	Uses	Source
1970	Phi Sigma Kappa Fraternity	Pacific Telephone Co

234 CALIFORNIA TRL

Year	Uses	Source
1975	Stratotech Company	Pacific Telephone Co

236 CALIFORNIA TRL

Year	Uses	Source
1970	Time Engineering Co	Pacific Telephone Co

400 CALIFORNIA TRL

Year	Uses	Source
1980	Claudino John D	Pacific Telephone Co

405 CALIFORNIA TRL

Year	Uses	Source
1980	Christie Clark H Jr	Pacific Telephone Co
1975	Christie Clark H Jr	Pacific Telephone Co
1970	Christie Clark H Jr	Pacific Telephone Co

408 CALIFORNIA TRL

Year	Uses	Source
1980	Stabile John S	Pacific Telephone Co

409 CALIFORNIA TRL

Year	Uses	Source
1980	Phillips Gary L	Pacific Telephone Co

FINDINGS

Year	Uses	Source
1975	Phillips Gary L	Pacific Telephone Co
1970	Phillips Gary L	Pacific Telephone Co

411 CALIFORNIA TRL

Year	Uses	Source
1980	Peterson Paul D	Pacific Telephone Co
1975	Peterson Paul D	Pacific Telephone Co
1970	Peterson Paul D	Pacific Telephone Co
1960	PETERSON PAUL D	Pacific Telephone and Telegraph Company

412 CALIFORNIA TRL

Year	Uses	Source
1980	Hwang Yin Shiong	Pacific Telephone Co
1975	Sparrow Arthur C	Pacific Telephone Co
1970	Sparrow Arthur C	Pacific Telephone Co
1960	SPARROW ARTHUR C	Pacific Telephone and Telegraph Company

415 CALIFORNIA TRL

Year	Uses	Source
1960	STOUT GERALD L FA	Pacific Telephone and Telegraph Company

416 CALIFORNIA TRL

Year	Uses	Source
1980	Hunter Edw G	Pacific Telephone Co
1975	Smith Stanley M Rev	Pacific Telephone Co
1970	Smith Stanley M Rev	Pacific Telephone Co
1960	YOUNG CLAUDE W REV	Pacific Telephone and Telegraph Company

419 CALIFORNIA TRL

Year	Uses	Source
1980	Harper Garland M	Pacific Telephone Co
1975	Harper Garland M	Pacific Telephone Co
1970	Harper Garland M	Pacific Telephone Co
1960	HARPER GARLAND M	Pacific Telephone and Telegraph Company

420 CALIFORNIA TRL

Year	Uses	Source
1970	Doucette Carl J	Pacific Telephone Co

FINDINGS

423 CALIFORNIA TRL

Year	Uses	Source
1980	Martin Jas E	Pacific Telephone Co
1975	Martin Jas E	Pacific Telephone Co

424 CALIFORNIA TRL

Year	Uses	Source
1980	Stringer Steve	Pacific Telephone Co
1975	Stringer Steve	Pacific Telephone Co
1970	Compton Joel P	Pacific Telephone Co
1960	ROAN C F JR	Pacific Telephone and Telegraph Company

428 CALIFORNIA TRL

Year	Uses	Source
1980	Stone Melvin	Pacific Telephone Co
1975	Davis Hubert W Jr	Pacific Telephone Co
1970	Davis Hubert W Jr	Pacific Telephone Co
1960	PRITCHETT HAYWOOD REV	Pacific Telephone and Telegraph Company

432 CALIFORNIA TRL

Year	Uses	Source
1960	GUTHRIE BERNARD L	Pacific Telephone and Telegraph Company

436 CALIFORNIA TRL

Year	Uses	Source
1975	Pedersen Ragnar	Pacific Telephone Co
1970	Pedersen Ragnar	Pacific Telephone Co
1960	PEDERSFN RAGNAR	Pacific Telephone and Telegraph Company

E GRAND AVE

1301 E GRAND AVE

Year	Uses	Source
2000	A Wisniewski Mark P	Pacific Bell Telephone Co
	Building	Pacific Bell Telephone Co
1995	C Schiappa Armand	Pacific Bell Telephone Co
	Building	Pacific Bell Telephone Co
1990	C Schiappa Armand	Pacific Bell Telephone Co
	Building	Pacific Bell Telephone Co

FINDINGS

1305 E GRAND AVE

Year	Uses	Source
2008	AMERICAN INTERNATIONAL TRANSPORT INC	Cole Information Services
2001	CRANDALLTeena M	Haines & Company, Inc.
2000	Building	Pacific Bell Telephone Co
	B Crandall Teena M	Pacific Bell Telephone Co
1995	E Killingsworth Paul S	Pacific Bell Telephone Co
	A Harrison Donald & Carolyn	Pacific Bell Telephone Co
	Building	Pacific Bell Telephone Co
1990	B Thomas Michael 0D	Pacific Bell Telephone Co
	A Harrison Donald & Carolyn	Pacific Bell Telephone Co
	Building	Pacific Bell Telephone Co
	Killingsworth Paul S	Pacific Bell Telephone Co

1309 E GRAND AVE

Year	Uses	Source
2001	A 0 UANEB	Haines & Company, Inc.
	F DAVIS Oanielt M	Haines & Company, Inc.
	LAMBR	Haines & Company, Inc.
2000	F Davis Daniel M	Pacific Bell Telephone Co
	A Ruane Bill	Pacific Bell Telephone Co
	Building	Pacific Bell Telephone Co
1995	F Davis Daniel M	Pacific Bell Telephone Co
	D Ely Paul	Pacific Bell Telephone Co
	Building	Pacific Bell Telephone Co
	A Ruane Bill	Pacific Bell Telephone Co
1990	F Davis Daniel M	Pacific Bell Telephone Co
	A Ruane Bill	Pacific Bell Telephone Co
	E Jacobs John & Barbara	Pacific Bell Telephone Co
	Building	Pacific Bell Telephone Co

1310 E GRAND AVE

Year	Uses	Source
2013	SPACE EXPLORATION TECHNOLOGY	Cole Information Services
	AURA SYTEMS INC	Cole Information Services
2008	SPACE EXPLORATION TECHNOLOGIES	Cole Information Services
2001	KAMINO INTERNATL	Haines & Company, Inc.
2000	SAMSON TRANSPORT INC	Pacific Bell Telephone Co
	KAMIN OINTERNAT	Pacific Bell Telephone Co

FINDINGS

Year	Uses	Source
1990	G P TRANSPORTATION	Pacific Bell Telephone Co
	AMIERFORD AIR CARGO	Pacific Bell Telephone Co
1981	AMERFORD AIR CARGO EL SEGUNDO	Pacific Telephone
1980	Amerford Air Cargo	Pacific Telephone Co
1957	CABLE CLAIR	Pacific Telephone
1954	WADE MILTON C PUPPY LANE KENNELS	R. L. Polk & Co.
	PUPPY LANE I(ENNELS	R. L. Polk & Co.
	PUPPY LANE (ENNELS	R. L. Polk & Co.

1313 E GRAND AVE

Year	Uses	Source
1995	A Bahny Edward	Pacific Bell Telephone Co
	Building	Pacific Bell Telephone Co

1315 E GRAND AVE

Year	Uses	Source
1980	Deutsch Fastener Corporation	Pacific Telephone Co
1957	HI-SHEAR RIVET TOOL CO	Pacific Telephone

1317 E GRAND AVE

Year	Uses	Source
2001	XXXX	Haines & Company, Inc.
2000	C Werner Byron	Pacific Bell Telephone Co
	Building	Pacific Bell Telephone Co
1990	D Bell Chas W	Pacific Bell Telephone Co
	Building	Pacific Bell Telephone Co

1321 E GRAND AVE

Year	Uses	Source
2008	WEDDING FACIALS	Cole Information Services
	DEZIGN 7	Cole Information Services
2001	JOHNSTOHECOLLEEN	Haines & Company, Inc.
2000	Building	Pacific Bell Telephone Co
	F JOHNSTONECOLLEEN	Pacific Bell Telephone Co
1995	B Gallagher Robert F	Pacific Bell Telephone Co
	D Loysen Doug	Pacific Bell Telephone Co
	A Johnson K	Pacific Bell Telephone Co
	Building	Pacific Bell Telephone Co
	E Stanton John & Ruth	Pacific Bell Telephone Co

FINDINGS

Year	Uses	Source
1990	F Olafsson Cashin Julie	Pacific Bell Telephone Co
	Building	Pacific Bell Telephone Co
	A Johnson K	Pacific Bell Telephone Co
	+ B Gallagher Robert F	Pacific Bell Telephone Co
	D Loysen Doug	Pacific Bell Telephone Co
	E Stanton John & Ruth	Pacific Bell Telephone Co

1325 E GRAND AVE

Year	Uses	Source
2000	Building	Pacific Bell Telephone Co
	D Moore Brian	Pacific Bell Telephone Co
1995	D Moore Brian	Pacific Bell Telephone Co
	B Psmithe Kevin & Andrea	Pacific Bell Telephone Co
	Building	Pacific Bell Telephone Co
1990	Moore Brian	Pacific Bell Telephone Co

1329 E GRAND AVE

Year	Uses	Source
1995	Building	Pacific Bell Telephone Co
	C Powell John Wm & Rossana	Pacific Bell Telephone Co
1990	Building	Pacific Bell Telephone Co
	C Powell John Wm & Rossana	Pacific Bell Telephone Co

1333 E GRAND AVE

Year	Uses	Source
2008	GRAND AVE PRODUCTIONS	Cole Information Services
2001	FIORANTE Rosalie	Haines & Company, Inc.
1990	Building	Pacific Bell Telephone Co
	B Lambert Jeffrey Scott	Pacific Bell Telephone Co

1337 E GRAND AVE

Year	Uses	Source
2000	E Hughes Michael	Pacific Bell Telephone Co
	Building	Pacific Bell Telephone Co
1995	E Hughes Michael	Pacific Bell Telephone Co
	Building	Pacific Bell Telephone Co
	C CPO FOOD SERVICES	Pacific Bell Telephone Co
	D Thomas Martin & Linda	Pacific Bell Telephone Co
1990	A Bomeisler R E	Pacific Bell Telephone Co
	B Richards Daniel H	Pacific Bell Telephone Co

Year	Uses	Source
1990	B Richards Daniel H	Pacific Bell Telephone Co
	D Thomas Martin & Linda	Pacific Bell Telephone Co
	E Hughes Michael	Pacific Bell Telephone Co
	Hughes Michael	Pacific Bell Telephone Co
	Building	Pacific Bell Telephone Co

1341 E GRAND AVE

Year	Uses	Source
2001	C ISGARKalie N	Haines & Company, Inc.
2000	Building	Pacific Bell Telephone Co
	C Isgar Katie N	Pacific Bell Telephone Co
1995	Building	Pacific Bell Telephone Co
	A Wikblad Lars	Pacific Bell Telephone Co
1990	A Wikblad Lars	Pacific Bell Telephone Co
	+ B Ervin Louis H & Dianne W	Pacific Bell Telephone Co
	C Hiepler Mark	Pacific Bell Telephone Co
	Building	Pacific Bell Telephone Co

1345 E GRAND AVE

Year	Uses	Source
2001	XXXX	Haines & Company, Inc.

1349 E GRAND AVE

Year	Uses	Source
2000	Building	Pacific Bell Telephone Co
	C Murphy Karen	Pacific Bell Telephone Co
1990	Building	Pacific Bell Telephone Co
	B Cochran B	Pacific Bell Telephone Co
	C Kennel Judith E	Pacific Bell Telephone Co
	+ E Cheng Shan Wen	Pacific Bell Telephone Co

1357 E GRAND AVE

Year	Uses	Source
2000	B Archer Betty	Pacific Bell Telephone Co
	Building	Pacific Bell Telephone Co
1990	D SCOTT C	Pacific Bell Telephone Co
	Building	Pacific Bell Telephone Co
	B Hayos Joan	Pacific Bell Telephone Co

FINDINGS

1361 E GRAND AVE

Year	Uses	Source
1995	Building	Pacific Bell Telephone Co
	A Yamamoto David	Pacific Bell Telephone Co

1365 E GRAND AVE

Year	Uses	Source
1995	B Mahon Daniel & Lisa	Pacific Bell Telephone Co
	Building	Pacific Bell Telephone Co
1990	F Coulter Joe E & Jo Anne	Pacific Bell Telephone Co
	Building	Pacific Bell Telephone Co

1369 E GRAND AVE

Year	Uses	Source
2000	B Reed Scott	Pacific Bell Telephone Co
	Building	Pacific Bell Telephone Co
1995	Building	Pacific Bell Telephone Co
	B Reed Scott	Pacific Bell Telephone Co
1990	Building	Pacific Bell Telephone Co
	B Reed Scott	Pacific Bell Telephone Co

1373 E GRAND AVE

Year	Uses	Source
2001	SAISHOKiyoto	Haines & Company, Inc.
2000	Building	Pacific Bell Telephone Co
	8 Tiano I Ian	Pacific Bell Telephone Co
	C Saisho Kiyoto	Pacific Bell Telephone Co
1995	B Tiano Ian	Pacific Bell Telephone Co
	C Saisho Kiyoto	Pacific Bell Telephone Co
	Building	Pacific Bell Telephone Co
1990	Building	Pacific Bell Telephone Co
	B Tiano Ian	Pacific Bell Telephone Co
	C Saisho Kiyoto	Pacific Bell Telephone Co

1410 E GRAND AVE

Year	Uses	Source
2013	BAYSIDE ELECTRIC COMPANY	Cole Information Services
	POINT B INC	Cole Information Services
2008	SOUTH BAY MOVERS & STORAGE	Cole Information Services
2001	AANDB	Haines & Company, Inc.
2000	LA LIMO	Pacific Bell Telephone Co

FINDINGS

Year	Uses	Source
2000	+ 1410 AANDB	Pacific Bell Telephone Co
	DEWEESE ENGRAVING	Pacific Bell Telephone Co
1995	A & B TIRE	Pacific Bell Telephone Co
	LAX SUPER RIDE	Pacific Bell Telephone Co
	LAX SUPER RIDE	Pacific Bell Telephone Co
	LA LIMO	Pacific Bell Telephone Co
	SOUTH BAY MOVERS & STORAGE	Pacific Bell Telephone Co
1990	SOUTH BAY MOVERS & STORAGE	Pacific Bell Telephone Co
	AC ETCETERA	Pacific Bell Telephone Co
	A & B TIRE	Pacific Bell Telephone Co
1980	Advance Finishes Inc	Pacific Telephone Co
1975	Advance Finishes Inc	Pacific Telephone Co
1970	Advance Finishes Inc	Pacific Telephone Co
1965	ADVANCE FINISHES INC SP	The Pacific Telephone and Telegraph Co
1964	ADVANCE FINISHES INC	Pacific Telephone
1960	ADVANCE FINISHES INC	Pacific Telephone
	ADVANCE FINISHES INC SP	Pacific Telephone and Telegraph Company
1957	ADVANCE FINISHES INC	Pacific Telephone
1954	ADVANCE FINISHES INC	R. L. Polk & Co.

1415 E GRAND AVE

Year	Uses	Source
2008	DE LUX LIMOUSINE INC	Cole Information Services
	FREE ENTERPRISE IMPORT EXPORT	Cole Information Services
2001	EODIES	Haines & Company, Inc.
2000	JIM & JACKS AUTO & BODY SHOP	Pacific Bell Telephone Co
	FREE ENTERPRISE IMPORT EXPORT	Pacific Bell Telephone Co
	JIM & JACKS AUTO & BODY SHOP	Pacific Bell Telephone Co
	EDDIES CONSTRUCTION	Pacific Bell Telephone Co
1995	OVERLAND TECHNOLOGY CORP	Pacific Bell Telephone Co
1990	WYREFAB INC EL SEGUNDO	Pacific Bell
	WYREFABINC	Pacific Bell Telephone Co
1986	WYREFAB INC EL SEGUNDO	Pacific Bell
	WIREFAB INC EL SEGUNDO	Pacific Bell
1981	WIREFAB INC EL SEGUNDO	Pacific Telephone
1980	Wyrefab Inc	Pacific Telephone Co
1975	Omark Industries Precision Fastening	Pacific Telephone Co
1970	Omark Industries Precision Fastening	Pacific Telephone Co
1965	BRILES MFG SP	The Pacific Telephone and Telegraph Co

FINDINGS

Year	Uses	Source
1965	BRILES MFG E	The Pacific Telephone and Telegraph Co
1964	BRILES METAL LAB	Pacific Telephone
	BRILES MFG	Pacific Telephone
	BRILES HELICOPTER SERV	Pacific Telephone
1960	BRILES METAL LAB	Pacific Telephone
	BRILES MFG	Pacific Telephone
	BRILES HELICOPTER SERV	Pacific Telephone
	BRILES MFG OR	Pacific Telephone and Telegraph Company
	BRILES MFG	Pacific Telephone and Telegraph Company
1954	BRILES MVFG	R. L. Polk & Co.

1420 E GRAND AVE

Year	Uses	Source
1954	LEWIS & OWENS POTTRY	R. L. Polk & Co.
	LEWIS HAYDEN LEWIS & OWENS POTTERY	R. L. Polk & Co.
	OWENS RODNEY LEWIS & OWENS POTTERY	R. L. Polk & Co.
	OWENS & LEWIS POTTRY	R. L. Polk & Co.

1521 E GRAND AVE

Year	Uses	Source
2001	XXXX	Haines & Company, Inc.
1975	Crydom Controls Div Of International	Pacific Telephone Co
1960	INTNATL RECTIFR CORP OR	Pacific Telephone and Telegraph Company
1954	INTERNATIONAL RECTIFIER CORPORATION	R. L. Polk & Co.

1601 E GRAND AVE

Year	Uses	Source
2013	GRAND MOTOR SPORTS	Cole Information Services
2008	GRAND AUTO PARTS & MOTORSPORT	Cole Information Services
2001	KIZIRIAN Hagop 00 C	Haines & Company, Inc.
2000	BODY NUTRIENTS	Pacific Bell Telephone Co
	HAIR ARTIST TOOLS COM	Pacific Bell Telephone Co
	GRAND AUTO PARTS & MOTORSPORST	Pacific Bell Telephone Co
1995	GRAND AUTO PARTS	Pacific Bell Telephone Co
1990	PLASTICAL CO INC	Pacific Bell Telephone Co
1980	Detroit Products Co	Pacific Telephone Co
1975	Detroit Products Co	Pacific Telephone Co

FINDINGS

Year	Uses	Source
1975	Detroit Products Co	Pacific Telephone Co
1970	Detroit Products Co	Pacific Telephone Co
	Detroit Products Co	Pacific Telephone Co
1965	DETROIT PROD CO E	The Pacific Telephone and Telegraph Co
	DETROIT PRODTS CD SP	The Pacific Telephone and Telegraph Co
1964	DETROIT PRODUCTS CO	Pacific Telephone
1960	PAC PRECSN GRINDNG CO	Pacific Telephone and Telegraph Company
	PAC PRECSN GRNONG CO SP	Pacific Telephone and Telegraph Company
	PAC PRECISION GRINDING CO	Pacific Telephone
1957	PAC PRECISION GRINDING CO	Pacific Telephone
1954	PAC PRECISION GRINDING CO	R. L. Polk & Co.

1605 E GRAND AVE

Year	Uses	Source
2013	JIM & JACKS AUTO BODY	Cole Information Services
	ENTERPRISE RENTACAR	Cole Information Services
2008	JIM & JACKS COLLISION CENTER	Cole Information Services
	JIM & JACKS INC	Cole Information Services
2001	KIZIRIANJames 00 C	Haines & Company, Inc.
2000	JIM & JACKS UPHOLSTERY	Pacific Bell Telephone Co
	JIM & JACKS AUTO & BODY SHOP	Pacific Bell Telephone Co
	JIM & JACKS AUTO & BODY SHOP	Pacific Bell Telephone Co
1995	JIM & JACKS AUTO & BODY SHOP	Pacific Bell Telephone Co
	JIM & JACKS SERVICE STN	Pacific Bell Telephone Co
1990	JIM & JACKS SERVICE STHN	Pacific Bell Telephone Co
	JIM & JACKS AUTO & BODY SHOP	Pacific Bell Telephone Co
1980	Jim & Jacks Auto & Body Shop	Pacific Telephone Co
1975	Jim & Jack Auto & Body Shop	Pacific Telephone Co
1970	Grand Trailer Court	Pacific Telephone Co
	Building	Pacific Telephone Co
	2 Bostick John H	Pacific Telephone Co
	3 Barrow Wm B	Pacific Telephone Co
	4 Douglas Luther J	Pacific Telephone Co
1965	TRAILER PARK	The Pacific Telephone and Telegraph Co
	GRAND TRAILER COURT E	The Pacific Telephone and Telegraph Co
1964	GHENT JACK D	Pacific Telephone
	GRAND TRAILER COURT	Pacific Telephone
	MIRANDA JOE	Pacific Telephone
1960	GRAND TRAILER COURT	Pacific Telephone and Telegraph Company

Year	Uses	Source
1960	GRAND TRAILER COURT	Pacific Telephone
1957	GRAND TRAILER PARK	Pacific Telephone
	STRADER GRACE	Pacific Telephone
	VEAZEY IVA L	Pacific Telephone
1954	GRAND TRAILER PARK	R. L. Polk & Co.

1700 E GRAND AVE

Year	Uses	Source
2008	DYNAMIC MATERIALS CORP	Cole Information Services
	SAMTECH AUTOMOTIVE USA	Cole Information Services
2001	SPIN FORGE INC	Haines & Company, Inc.
2000	SPIN FORGE INC I	Pacific Bell Telephone Co
1995	SPIN FORGE INC	Pacific Bell Telephone Co
	INMTERSPIN	Pacific Bell Telephone Co
	INTERFORM	Pacific Bell Telephone Co
	JNTERSPIN HOLDING	Pacific Bell Telephone Co
	ELECTROLOGIC INC	Pacific Bell Telephone Co
	INTERLOGIC	Pacific Bell Telephone Co
1991	Airite Division Of Sargent Industries	Pacific Bell
	SARGENT INDUSTRIES INC SUBSIDIARY OF DOVER CORPORATION	Pacific Bell
	Airite Division	Pacific Bell
1990	SARGENT	Pacific Bell Telephone Co
	INDUSTRIES INC	Pacific Bell Telephone Co
	SUBSIDIARY OF DOVER	Pacific Bell Telephone Co
	AIRITE DIVISION OF SARGENT INDUSTRIES EL SEGUNDO	Pacific Bell
	DOVER SARGENT SUBSIDIARY OF DOVER CORPORATION	Pacific Bell
	SARGENT INDUSTRIES INC SUBSIDIARY OF DOVER	Pacific Bell
1986	SARGENT INDUSTRIES INC SUBSIDIARY OF DOVER CORPORATION	Pacific Bell
1985	AIRITE DIVISION OF SARGENT INDUSTRIES	Pacific Bell
	SARGENT INDUSTRIES INC	Pacific Bell
	AIRITE DIVISION OF SARGENT INDUSTRIES	Pacific Bell
	Airite Division	Pacific Bell
1981	DIVISION OF SARGENT INDUSTRIES EL SEGUNDO	Pacific Telephone

Year	Uses	Source
1981	SARGENT INDUSTRIES INC	Pacific Telephone
1980	AIRITE DIVISION OF SARGENT INDUSTRIES	Pacific Telephone
	SARGENT INDUSTRIALS INC	Pacific Telephone
	Sargent Industries Inc	Pacific Telephone Co
	AIRITE DIVISION OF SARGENT INDUSTRIES E GRAND AVE EL SEGUNDO	Pacific Telephone
	SARGENT INDUSTRIES INC	Pacific Telephone
1975	Sargent Industries Inc	Pacific Telephone Co
1970	Sargent Industries Inc	Pacific Telephone Co
	ALRITE DILSION OF SARGENT INDUSTRIES	Pacific Telephone
1965	LEAR SIEGLER INC	The Pacific Telephone and Telegraph Co
1964	SANCOR CORPORATION LEAR SIEGLER INC ASTRO STRUCTURES DIVISION	Pacific Telephone
	LEAR SIEGLER INC ASTRO STRUCTURES DIVISION	Pacific Telephone
	ASTRO STRUCTURES DIVISION OF LEAR SIEELER INC	Pacific Telephone
1960	SIEGLER CORPORATION THE	Pacific Telephone
	HUFFORD DIV THE SIEGLER CORP	Pacific Telephone
	HUFFORD CORPORATION OR	Pacific Telephone and Telegraph Company
	HUFFORD CORPORATION OR	Pacific Telephone and Telegraph Company
	HUFFORD CORPORATION	Pacific Telephone and Telegraph Company
1957	FONDA CORP	Pacific Telephone

E HOLLY AVE

1365 E HOLLY AVE

Year	Uses	Source
1957	FISHER M P-CGARFID	Pacific Telephone

1375 E HOLLY AVE

Year	Uses	Source
1957	HILL PAUL W	Pacific Telephone

1379 E HOLLY AVE

Year	Uses	Source
1957	BOWMAN FL	Pacific Telephone

FINDINGS

1400 E HOLLY AVE

Year	Uses	Source
2001	ARRIET	Haines & Company, Inc.
1995	ERCEK HOBBY	Pacific Bell Telephone Co
	SOUTHERN CALIFORNIA	Pacific Bell Telephone Co
	MECHANICAL SERVICE INC	Pacific Bell Telephone Co
	Building	Pacific Bell Telephone Co
	F DATA SALES SERVICE	Pacific Bell Telephone Co
1990	HI TEK AUTO SERVICE	Pacific Bell Telephone Co
	CHARTER CONSTRUCTION	Pacific Bell Telephone Co
	TRACE MFG EL SEGUNDO	Pacific Bell
1980	Trace Mfg	Pacific Telephone Co

1435 E HOLLY AVE

Year	Uses	Source
1957	FRANKEL MARY E MRS	Pacific Telephone

1444 E HOLLY AVE

Year	Uses	Source
1957	APEX PETROLEUM CORP LTD	Pacific Telephone
	HARRISON WILBUR	Pacific Telephone

1445 E HOLLY AVE

Year	Uses	Source
1957	FRANKEL MARY E	Pacific Telephone

1501 E HOLLY AVE

Year	Uses	Source
1957	MACPHERSON SANDY G OR	Pacific Telephone

1595 E HOLLY AVE

Year	Uses	Source
1957	LINN DONALD A	Pacific Telephone

1610 E HOLLY AVE

Year	Uses	Source
1957	CUSTOM CONCRETE CORN	Pacific Telephone

1620 E HOLLY AVE

Year	Uses	Source
1957	COMPTON EXTERMINATORS TERMITE CONTROL CO INC	Pacific Telephone

Year	Uses	Source
1957	COMPTON EXTERMINATORS TERMITE CONTROL CO INC	Pacific Telephone
	COMPTON TERMITE CONTROL EXTERMINATORS CO INC	Pacific Telephone

1696 E HOLLY AVE

Year	Uses	Source
1957	L P G CORP	Pacific Telephone

1700 E HOLLY AVE

Year	Uses	Source
2013	PARTS DEPT THE	Cole Information Services
2008	PARTS DEPARTMENT	Cole Information Services
2001	PARTSDEPTTHE	Haines & Company, Inc.
1995	PARTS DEPT THE	Pacific Bell Telephone Co
1990	SEHt LES	Pacific Bell Telephone Co
	LA PRAIRIE COLLECTION	Pacific Bell Telephone Co
	SCHROFF KARL & ASSOCIATES INC EL SEGUNDO	Pacific Bell
1986	SCHROFF KARL & ASSOCIATES INC EL SEGUNDO	Pacific Bell
1981	SCHROFF KARL & ASSOCIATES INC EL SEGUNDO	Pacific Telephone
1980	Schroff Karl & Associates Inc	Pacific Telephone Co
1975	Thomas Wm Products Inc	Pacific Telephone Co
	National Foam Products Inc	Pacific Telephone Co
1965	BRIESE LEN CO	The Pacific Telephone and Telegraph Co
1960	MARPLEX SP	Pacific Telephone and Telegraph Company
1957	BROWN JOHN J OIL WELL SERV	Pacific Telephone
1954	PHOTO REPRODUCTION SERV INC	R. L. Polk & Co.

1707 E HOLLY AVE

Year	Uses	Source
1957	MCALLEP LIONEL H DR CHIRPODST	Pacific Telephone

1711 E HOLLY AVE

Year	Uses	Source
1957	GREEN SHIRLEY A	Pacific Telephone

FINDINGS

E WASHINGTON ST

300 E WASHINGTON ST

Year	Uses	Source
1958	Hirsh Apts	Pacific Telephone

306 E WASHINGTON ST

Year	Uses	Source
1958	Lamson Corp	Pacific Telephone

310 E WASHINGTON ST

Year	Uses	Source
1958	Georges Steel Rule Die Shop	Pacific Telephone
	Georges Die Steel Rule Shop	Pacific Telephone

312 E WASHINGTON ST

Year	Uses	Source
1958	Acme Typewriter Laundry	Pacific Telephone

315 E WASHINGTON ST

Year	Uses	Source
1958	Lima Electric Motor Sales	Pacific Telephone
	Darnall Machinery Co	Pacific Telephone

316 E WASHINGTON ST

Year	Uses	Source
1958	Partridge Stamp Co Inc	Pacific Telephone

319 E WASHINGTON ST

Year	Uses	Source
1958	Simplex Wire & Cable Co	Pacific Telephone
	Garnett Young & Co elec suppls	Pacific Telephone
	Couch S H Co Inc	Pacific Telephone
	Walker Bros Elec Conduits	Pacific Telephone
	Chase Shawmut Co	Pacific Telephone

322 E WASHINGTON ST

Year	Uses	Source
1958	C & W Supply Corp	Pacific Telephone
	Herrera Hector C & W Supply Corp	Pacific Telephone

FINDINGS

400 E WASHINGTON ST

Year	Uses	Source
1958	Sterling Motors White Motor Co The motr trks	Pacific Telephone
	Autocar Sales & Serv Co	Pacific Telephone

401 E WASHINGTON ST

Year	Uses	Source
1958	Lodge Spark Plug Co	Pacific Telephone

407 E WASHINGTON ST

Year	Uses	Source
1958	Pac Plastic Products	Pacific Telephone
	Sharp Mike Pac Plastic Products	Pacific Telephone

409 E WASHINGTON ST

Year	Uses	Source
1958	Cisco California Inc	Pacific Telephone

ELEMBARCADERO

1440 ELEMBARCADERO

Year	Uses	Source
1950	UNITED CONST CO CONTR	Pacific Telephone

ELIN POINTE DR

1488 ELIN POINTE DR

Year	Uses	Source
2008	FRAGMENTS MOSAIC STUDIO	Cole Information Services

Grand Avenue

1521 Grand Avenue

Year	Uses	Source
2001	XXXX	Haines & Company, Inc.
1975	Crydom Controls Div Of International	Pacific Telephone Co
1960	INTNATL RECTIFR CORP OR	Pacific Telephone and Telegraph Company
1954	INTERNATIONAL RECTIFIER CORPORATION	R. L. Polk & Co.

FINDINGS

HOLLY AVE

1700 HOLLY AVE

Year	Uses	Source
1964	BRIESE LEN & CO DRSGN & TOOL FABRITN	Pacific Telephone

HOLLY AVE E

1400 HOLLY AVE E

Year	Uses	Source
2000	Building	Pacific Bell Telephone Co
	A ARRIETA CONSTRUCTION	Pacific Bell Telephone Co
	B MOONLIGHT SPECIALTIES INC	Pacific Bell Telephone Co
	0 MICART HURHGH	Pacific Bell Telephone Co
	A HOLGREEN TERRY	Pacific Bell Telephone Co

1700 HOLLY AVE E

Year	Uses	Source
2000	PARTS DEPT THE	Pacific Bell Telephone Co

ILLINOIS

202 ILLINOIS

Year	Uses	Source
2000	Building	Pacific Bell Telephone Co
	B GRATEFU DOGS CUIB	Pacific Bell Telephone Co
	E ITERNATi ONAL	Pacific Bell Telephone Co

330 ILLINOIS

Year	Uses	Source
2000	C&CPARTNERSDES 11 N& BUID FRM IC	Pacific Bell Telephone Co

408 ILLINOIS

Year	Uses	Source
2000	Harre Tricia	Pacific Bell Telephone Co

420 ILLINOIS

Year	Uses	Source
2000	Building	Pacific Bell Telephone Co
	A Borger Jerold R	Pacific Bell Telephone Co

Year	Uses	Source
2000	B Anderson Christ	Pacific Bell Telephone Co
	+ J Adams Brian D	Pacific Bell Telephone Co
	X Beltrame S	Pacific Bell Telephone Co
	N Meneses Blanca E	Pacific Bell Telephone Co
	0 Nakam Kaneshiro Jamy	Pacific Bell Telephone Co
	+ P Kish Gary M	Pacific Bell Telephone Co
	U Mc Afee St	Pacific Bell Telephone Co
	+ M Hawkins Jason	Pacific Bell Telephone Co
1990	P & S PAPER ROLLS EL SEGUNDO	Pacific Bell

ILLINOIS AVE

320 ILLINOIS AVE

Year	Uses	Source
1976	Griep Leo	Pacific Telephone

352 ILLINOIS AVE

Year	Uses	Source
1923	Tyler J P	Los Angeles Directory Company

392 ILLINOIS AVE

Year	Uses	Source
1923	Murray Mary Mrs	Los Angeles Directory Company

400 ILLINOIS AVE

Year	Uses	Source
1957	WILLIAMS L I	Pacific Telephone

ILLINOIS CT

407 ILLINOIS CT

Year	Uses	Source
1964	WARREN SHIRLEY D	Pacific Telephone

420 ILLINOIS CT

Year	Uses	Source
1964	FAIRCHILD GERALD F	Pacific Telephone

FINDINGS

ILLINOIS ST

202 ILLINOIS ST

Year	Uses	Source
2013	K9 CLASS	Cole Information Services
	GRATEFUL DOGS CLUBHOUSE	Cole Information Services
2008	GRATEFUL DOGS CLUBHO	Cole Information Services
2001	ERI INTERNATIONAL	Haines & Company, Inc.
1995	UNIVERSAL MARINE IMPORTS INC	Pacific Bell Telephone Co
1990	VUS$ SYSTEMS	Pacific Bell Telephone Co

206 ILLINOIS ST

Year	Uses	Source
1960	FLIGHT VIEW CAFE	Pacific Telephone and Telegraph Company
	RONSON REALTY	Pacific Telephone and Telegraph Company
	C HUGHES AIRCRAFT CO	Pacific Telephone and Telegraph Company

208 ILLINOIS ST

Year	Uses	Source
1960	CARTLAND H W	Pacific Telephone and Telegraph Company

212 ILLINOIS ST

Year	Uses	Source
1960	MEADERS BDY FENDER	Pacific Telephone and Telegraph Company

216 ILLINOIS ST

Year	Uses	Source
1960	APARTMENT	Pacific Telephone and Telegraph Company

222 ILLINOIS ST

Year	Uses	Source
1960	GILMORE THOS L	Pacific Telephone and Telegraph Company

228 ILLINOIS ST

Year	Uses	Source
1960	HERWEHE ROBT	Pacific Telephone and Telegraph Company

282 ILLINOIS ST

Year	Uses	Source
1990	US SYSTEMS	Pacific Bell Telephone Co

FINDINGS

302 ILLINOIS ST

Year	Uses	Source
1960	ORONA FIDEL	Pacific Telephone and Telegraph Company

310 ILLINOIS ST

Year	Uses	Source
1960	HALEX INC	Pacific Telephone and Telegraph Company
	HALEX INC SP	Pacific Telephone and Telegraph Company
	HART WILLIAM	Pacific Telephone and Telegraph Company

312 ILLINOIS ST

Year	Uses	Source
1960	CENTIMEG ELECTRNCS	Pacific Telephone and Telegraph Company
	CENTIMEG ELECTRONICS SP	Pacific Telephone and Telegraph Company
	GOBER JIM W	Pacific Telephone and Telegraph Company

320 ILLINOIS ST

Year	Uses	Source
1960	GRIFFITTS MARY I	Pacific Telephone and Telegraph Company
	C COLLINS JOHN H EA	Pacific Telephone and Telegraph Company
	APARTMENT	Pacific Telephone and Telegraph Company

328 ILLINOIS ST

Year	Uses	Source
1960	F REILY CLAIRE EA	Pacific Telephone and Telegraph Company
	D GEHMAN DAVID EA	Pacific Telephone and Telegraph Company
	B DU BOIS CARL EA	Pacific Telephone and Telegraph Company
	A WHITE ROBT E EA	Pacific Telephone and Telegraph Company
	APARTMENT	Pacific Telephone and Telegraph Company
	C ROONEY JOYCE EA	Pacific Telephone and Telegraph Company

330 ILLINOIS ST

Year	Uses	Source
2013	C & C PARTNERS DESIGN & BUILD FIRM I	Cole Information Services
2008	C & C PARTNERS DESIGN BUILD FIRM	Cole Information Services
	LOYOLA LUXURY APARTMENTS LLC	Cole Information Services
	BRIGHT VALVE LLC	Cole Information Services
2001	C 6 CPRT 7 RS	Haines & Company, Inc.
1995	C & C PARTNERS DESIGN & BUILD FIRM INC	Pacific Bell Telephone Co

FINDINGS

332 ILLINOIS ST

Year	Uses	Source
1960	B MARTIN E W EA	Pacific Telephone and Telegraph Company
	A COHEE VESTA D EA	Pacific Telephone and Telegraph Company
	APARTMENT	Pacific Telephone and Telegraph Company
	C ANDERSON V W EA	Pacific Telephone and Telegraph Company
	HARRISON LOUISE W EA	Pacific Telephone and Telegraph Company
	E 2 ADA THOS HANGO EA	Pacific Telephone and Telegraph Company
	L CLARK W F EA	Pacific Telephone and Telegraph Company
	N DAILY J L EA	Pacific Telephone and Telegraph Company

336 ILLINOIS ST

Year	Uses	Source
1960	SNEDDEN WM S	Pacific Telephone and Telegraph Company

400 ILLINOIS ST

Year	Uses	Source
2001	PROELLKarn O	Haines & Company, Inc.
1995	Lang LM	Pacific Bell Telephone Co
	ILLINOIS	Pacific Bell Telephone Co
1980	Hessell M J	Pacific Telephone Co
1975	Martinez Robt M	Pacific Telephone Co
1965	HOFFMAN C	The Pacific Telephone and Telegraph Co
1964	HOFFMAN CORENE	Pacific Telephone

402 ILLINOIS ST

Year	Uses	Source
1964	RENTERIA JOHN	Pacific Telephone
1960	BARRUS GORDON B	Pacific Telephone
	RARRUS GORDON B	Pacific Telephone and Telegraph Company

404 ILLINOIS ST

Year	Uses	Source
2001	XXXX	Haines & Company, Inc.
1995	Anderson Lawrence	Pacific Bell Telephone Co
1990	ABderso Law e e	Pacific Bell Telephone Co
1980	Anderson Lawrence	Pacific Telephone Co
1965	MYERS G E	The Pacific Telephone and Telegraph Co
1960	BARNHILL J C	Pacific Telephone and Telegraph Company
	BARNHILL J C	Pacific Telephone

FINDINGS

406 ILLINOIS ST

Year	Uses	Source
2001	XXXX	Haines & Company, Inc.
1990	F n Dais & Jo Ahma D	Pacific Bell Telephone Co

408 ILLINOIS ST

Year	Uses	Source
2001	HARRETncra	Haines & Company, Inc.
1970	Griffin Juanita	Pacific Telephone Co
1965	YAHASHIRO S	The Pacific Telephone and Telegraph Co

418 ILLINOIS ST

Year	Uses	Source
1960	GARDINER NEAL G	Pacific Telephone and Telegraph Company

420 ILLINOIS ST

Year	Uses	Source
2001	APARTMENTS AOAMSBrani D	Haines & Company, Inc.
	APARTMENTS AOAMSBrani D	Haines & Company, Inc.
1995	Building	Pacific Bell Telephone Co
	E Angelastro Gary S	Pacific Bell Telephone Co
1990	Building	Pacific Bell Telephone Co
	LJ Lewath Larry	Pacific Bell Telephone Co
	K Pa ti Efrien	Pacific Bell Telephone Co
	i L AMUJ W E APLEC I	Pacific Bell Telephone Co
	L Braey Dnis A	Pacific Bell Telephone Co
	MWas t EMR	Pacific Bell Telephone Co
	N MB n John	Pacific Bell Telephone Co
	S Etctart Pa B sar S a	Pacific Bell Telephone Co
	U Lmteford Ron	Pacific Bell Telephone Co
	W Peat 4 Hsrod	Pacific Bell Telephone Co
	XRe Wenell	Pacific Bell Telephone Co
1980	Building	Pacific Telephone Co
	B Blackburn Jas	Pacific Telephone Co
	D Duvall Dave	Pacific Telephone Co
	I Pablovich Louise	Pacific Telephone Co
	J Leinbach Larry	Pacific Telephone Co
	L Bradley Dennis A	Pacific Telephone Co
	M Vaughan John	Pacific Telephone Co
	P Alfonso Denise	Pacific Telephone Co

FINDINGS

Year	Uses	Source
1980	Q Garner Jo E	Pacific Telephone Co
	R Le Doux David C	Pacific Telephone Co
	T Hawkins Norm	Pacific Telephone Co
	U Solomon JC	Pacific Telephone Co
	V Franke Roy M	Pacific Telephone Co
1975	Building	Pacific Telephone Co
	B Blackburn Jas	Pacific Telephone Co
	C Lundstrom A L	Pacific Telephone Co
	D Demps Joe	Pacific Telephone Co
	I Janik Stanley	Pacific Telephone Co
	K Walters Elmer H	Pacific Telephone Co
	L Wheeler Wm A	Pacific Telephone Co
	M Gray Gary R	Pacific Telephone Co
	N Bryant LD	Pacific Telephone Co
	P Bowman Tom	Pacific Telephone Co
	R Olsen C	Pacific Telephone Co
	S Busler NC	Pacific Telephone Co
	V Franke Roy M	Pacific Telephone Co
	W Trigillo John	Pacific Telephone Co
	X Burches John N	Pacific Telephone Co
1970	Building	Pacific Telephone Co
	B Wayman Robt L Jr	Pacific Telephone Co
	C Ausmus Frank	Pacific Telephone Co
	D Andrews Jack L	Pacific Telephone Co
	I Bewley J R	Pacific Telephone Co
	J Donaldson Elizabeth	Pacific Telephone Co
	K Hobbie Richard	Pacific Telephone Co
	M Topper Deborah A	Pacific Telephone Co
	N Strowmatt Candy	Pacific Telephone Co
	0 Mathews A R	Pacific Telephone Co
	Q Avery Gary G	Pacific Telephone Co
	R Rice J R	Pacific Telephone Co
	T Sternbauer Kathy	Pacific Telephone Co
	U Lairmore John H	Pacific Telephone Co
	V Hanford Sydney L	Pacific Telephone Co
	W Sanders Jas A	Pacific Telephone Co
	X Footer Janice L	Pacific Telephone Co
	5 Bopp John	Pacific Telephone Co

FINDINGS

Year	Uses	Source
1965	U ROOT R L	The Pacific Telephone and Telegraph Co
	V JOHNSON B A JR CAPT	The Pacific Telephone and Telegraph Co
	W DOLBY J	The Pacific Telephone and Telegraph Co
	XI TROY	The Pacific Telephone and Telegraph Co
	BUILDING A ABDON N L	The Pacific Telephone and Telegraph Co
	B BECK F W	The Pacific Telephone and Telegraph Co
	C MUNSTERMAN P	The Pacific Telephone and Telegraph Co
	HULZ R	The Pacific Telephone and Telegraph Co
	F i OUNNE J E	The Pacific Telephone and Telegraph Co
	G CILLO J P JR	The Pacific Telephone and Telegraph Co
	H PETERSEN W H	The Pacific Telephone and Telegraph Co
	J ROUSSEAU E W CAPT 322 56 S	The Pacific Telephone and Telegraph Co
	K CURTIN J	The Pacific Telephone and Telegraph Co
	L 8 RIGGS	The Pacific Telephone and Telegraph Co
	HM BAUM R G CAPT	The Pacific Telephone and Telegraph Co
	N NAVARRO J J	The Pacific Telephone and Telegraph Co
	N THAYER S M	The Pacific Telephone and Telegraph Co
	ESCOBAL P	The Pacific Telephone and Telegraph Co
	P EBACZKOWSKI T J	The Pacific Telephone and Telegraph Co
	Q EMRY G	The Pacific Telephone and Telegraph Co
	S GEORGIUS J	The Pacific Telephone and Telegraph Co
	T KLOCEK R J	The Pacific Telephone and Telegraph Co
1964	AH LOY PEARL	Pacific Telephone
	CARTER HELEN	Pacific Telephone
	FOOTER JANICE	Pacific Telephone
	FORD BARBARA ILLINOI T EL EGUNDO	Pacific Telephone
	FRY BARBARA	Pacific Telephone
	GOODMAN SHELTON J	Pacific Telephone
	HERMANEK DIANE	Pacific Telephone
	NELSON ELIZABETH	Pacific Telephone
	RAMSEY PHYLLIS	Pacific Telephone
	RENWICK WENDY	Pacific Telephone
	ROOT ROXY LEE	Pacific Telephone
	TROY DARLENE	Pacific Telephone
	YOKOTAKE VIOLET S	Pacific Telephone

422 ILLINOIS ST

Year	Uses	Source
1960	ADAMS JOE ea	Pacific Telephone and Telegraph Company

KANSAS

233 KANSAS

Year	Uses	Source
1995	INTERNATIONAL RECTIFIER	Pacific Bell Telephone Co
1990	INTERNATIONAL RECTIFIER	Pacific Bell Telephone Co
	INTERNATIONAL RECTIFIER DIVISIONS SEMICONDUCTOR DIVISION	Pacific Bell
1986	INTERNATIONAL RECTIFIER CORPORATE OFFICE	Pacific Bell
	INTERNATIONAL RECTIFIER CORPORATE OFFICE	Pacific Bell
	CRYDOM CONTROLS DIV OF INTERNATIONAL RECTIFIER CORP EL SEGUNDO	Pacific Bell
1981	CRYDOM CONTROLS DIV OF INTERNATIONAL RECTIFIER CORP EL SEGUNDO	Pacific Telephone
	INTERNATIONAL RECTIFIER	Pacific Telephone
	INTERNATIONAL RECTIFIER	Pacific Telephone
1971	Crydom Controls Division	Pacific Telephone
	INTERNATIONAL RECTIFIER	Pacific Telephone
	Headquarters	Pacific Telephone
	INTERNATIONAL RECTIFIER Semiconductor Division	Pacific Telephone
1967	INTERNATIONAL RECTIFIER	Pacific Telephone
1962	INTERNATIONAL RECTIFIER CORPORATION	Pacific Telephone

247 KANSAS

Year	Uses	Source
1990	INTERNATIONAL RECTIFIER CORPORATE OFFICES EL SEGUNDO	Pacific Bell

311 KANSAS

Year	Uses	Source
1958	Spencer Lynn R Mrs	Pacific Telephone

FINDINGS

337 KANSAS

Year	Uses	Source
2000	LUBOWICKI & LANIER ARCHITECTS	Pacific Bell Telephone Co
	ALL PHASE ELECTRIC	Pacific Bell Telephone Co
1995	+ C DECO ART	Pacific Bell Telephone Co
	+ B CONTEMPO DESIGNS	Pacific Bell Telephone Co
	+ A SCOOTER TECH	Pacific Bell Telephone Co
	A SHORELINE SCOOTERS	Pacific Bell Telephone Co
	Building	Pacific Bell Telephone Co
	SPECTRONICS	Pacific Bell Telephone Co
	CWG CONSTRUCTION	Pacific Bell Telephone Co
1990	CUNNINGHAM CLAYTON	Pacific Bell Telephone Co

345 KANSAS

Year	Uses	Source
2000	M DLW SERVICES	Pacific Bell Telephone Co
	L ALLEN JOHN	Pacific Bell Telephone Co
	H SHORELINE ELECTRICAL CONTRACTORS	Pacific Bell Telephone Co
	A SAMM AGENCY	Pacific Bell Telephone Co
	Building	Pacific Bell Telephone Co
	UNIVERSAL ENGRAVERS	Pacific Bell Telephone Co
	UNIVERSAL ENGRAVERS	Pacific Bell Telephone Co
1995	L ALLEN JOHN	Pacific Bell Telephone Co
	B LP MUSIC ARTIST RELATIONS	Pacific Bell Telephone Co
	B IIUINTERO JUAN CARLOS PRODUCTIONS	Pacific Bell Telephone Co
	Building	Pacific Bell Telephone Co
	PROFESSIONAL AUDIO LABS	Pacific Bell Telephone Co
	GOTTA DANCE ICM	Pacific Bell Telephone Co
1990	MESON CORP	Pacific Bell Telephone Co
	SKYTRON ENGINEERING CO	Pacific Bell Telephone Co
	P S I PERIPHERAL SUPPORT	Pacific Bell Telephone Co
1962	Perkin Electronics Corp	Pacific Telephone

348 KANSAS

Year	Uses	Source
1990	INTERNATIONAL RECTIFIER DIVISIONS SEMICONDUCTOR DIVISION	Pacific Bell

FINDINGS

400 KANSAS

Year	Uses	Source
2000	Nash S R	Pacific Bell Telephone Co
1995	Nash H V	Pacific Bell Telephone Co
1990	Nash H V	Pacific Bell Telephone Co

412 KANSAS

Year	Uses	Source
1995	Hennekam Frances	Pacific Bell Telephone Co
1990	Hennekam Frances	Pacific Bell Telephone Co

416 KANSAS

Year	Uses	Source
2000	Ulrich J & C	Pacific Bell Telephone Co
1990	Warrenberger K R MSgt	Pacific Bell Telephone Co

420 KANSAS

Year	Uses	Source
2000	Dixon Zant P	Pacific Bell Telephone Co
1995	Dixon Zant P	Pacific Bell Telephone Co
1990	Dixon Zant P	Pacific Bell Telephone Co

423 KANSAS

Year	Uses	Source
2000	Putnam Rand M	Pacific Bell Telephone Co

424 KANSAS

Year	Uses	Source
2000	Collette Guy J Lt Col	Pacific Bell Telephone Co
1995	Colilette GUy J Lt Co I	Pacific Bell Telephone Co
1990	Collette Guy J Lt Col	Pacific Bell Telephone Co

428 KANSAS

Year	Uses	Source
1990	Faas John G	Pacific Bell Telephone Co
	RANQAQw CON 111 0v WIL	Pacific Bell Telephone Co

429 KANSAS

Year	Uses	Source
2000	Harris Joyce	Pacific Bell Telephone Co
1995	Harris Joyce	Pacific Bell Telephone Co
1990	Harris Joyce	Pacific Bell Telephone Co

432 KANSAS

Year	Uses	Source
1995	Bruenger I J	Pacific Bell Telephone Co
1990	Bruenger IJ	Pacific Bell Telephone Co

434 KANSAS

Year	Uses	Source
2000	La Valle R E	Pacific Bell Telephone Co
1995	La Valle R E	Pacific Bell Telephone Co
1990	La Valle RE	Pacific Bell Telephone Co

441 KANSAS

Year	Uses	Source
1990	REAR Call Harold L	Pacific Bell Telephone Co
	Building	Pacific Bell Telephone Co
	Clutter Jas	Pacific Bell Telephone Co

KANSAS AVE

233 KANSAS AVE

Year	Uses	Source
1985	Crydom Controls Division	Pacific Bell
	Headquarters	Pacific Bell
1976	Semiconductor Division Headquarters	Pacific Telephone
	INTERNATIONAL RECTIFIER Divisions	Pacific Telephone
	Geer Machine Works Inc	Pacific Telephone
1970	INTERNATIONAL RECTIFIER	Pacific Telephone
	INTERNATIONAL RECTIFIER	Pacific Telephone
1958	International Rectifier Corporation	Pacific Telephone

266 KANSAS AVE

Year	Uses	Source
2006	GURROLAIrma 00 a	Haines Company, Inc.

345 KANSAS AVE

Year	Uses	Source
1962	PERKIN ELECTRONICS CORP	Pacific Telephone
1958	Perkin Engineering Corp	Pacific Telephone

348 KANSAS AVE

Year	Uses	Source
1985	Western Reg Sales Ofc	Pacific Bell

KANSAS ST

233 KANSAS ST

Year	Uses	Source
2008	INTERNATIONAL RECTIFIER CR UN	Cole Information Services
1995	Headquarters	Pacific Bell
	International Rectifier Divisions Semiconductor Division	Pacific Bell
	Headquarters	Pacific Bell
	International Rectifier	Pacific Bell
1991	Headquarters	Pacific Bell
	From Los Angeles Telephones Call	Pacific Bell
1985	Headquarters	Pacific Bell
	From Los Angeles Telephones Call	Pacific Bell
	INTERNATIONAL RECTIFIER DIVISIONS	Pacific Bell
	INTERNATIONAL RECTIFIER DIVISIONS	Pacific Bell
1980	INTERNATIONAL RECTIFIER DIVISIONS CRYDOM CONTROLS DIVISION	Pacific Telephone
	KANSAS FROM	Pacific Telephone Co
	International Rectifier	Pacific Telephone Co
1975	Geer Machine Works Inc	Pacific Telephone Co
	International Rectif Ier	Pacific Telephone Co
	Systems Electronics Inc	Pacific Telephone Co
	International Rectifier	Pacific Telephone Co
	INTERNATIONAL RECTIFIER DIVISIONS	Pacific Telephone
1970	International Rectifier	Pacific Telephone Co
1965	INTNATL RECTIFIER	The Pacific Telephone and Telegraph Co
	INTERNATL RECTIFIER 6 g	The Pacific Telephone and Telegraph Co
1960	INTRNATL RECTIFIER OR	Pacific Telephone and Telegraph Company

247 KANSAS ST

Year	Uses	Source
2008	IR SA INTEGRATED TECHNOLOGIES	Cole Information Services

311 KANSAS ST

Year	Uses	Source
2013	AMERICAN A PLUS CARPET CARE	Cole Information Services

FINDINGS

337 KANSAS ST

Year	Uses	Source
2008	ALL PHASE ELECTRIC	Cole Information Services

345 KANSAS ST

Year	Uses	Source
2013	UNIVERSAL ENGRAVERS	Cole Information Services
1980	Aptec Machine & Tool Co	Pacific Telephone Co
1966	CAL POWER CORP	Pacific Telephone
1965	PERKIN ELEC CORP SP	The Pacific Telephone and Telegraph Co
	PERKIN ELEC CORP EA	The Pacific Telephone and Telegraph Co
1960	PERKIN ENGINEERING CORP	Pacific Telephone
	PERKIN ENG CORP OR	Pacific Telephone and Telegraph Company
	PERKIN ENG CORP	Pacific Telephone and Telegraph Company

348 KANSAS ST

Year	Uses	Source
1995	International Rectifier	Pacific Bell
	International Rectifier Divisions Semiconductor Division	Pacific Bell
	Western Reg Sales Ofc	Pacific Bell
	Western Reg Sales Ofc	Pacific Bell
1991	Western Reg Sales Ofc	Pacific Bell
	Internati Refrigeration Co	Pacific Bell
1985	INTERNATIONAL RECTIFIER DIVISIONS	Pacific Bell

400 KANSAS ST

Year	Uses	Source
1980	Nash H V	Pacific Telephone Co
1975	Nash Heartsill	Pacific Telephone Co
1970	Nash Heartsill	Pacific Telephone Co
1965	NASH HEARTSILL EA	The Pacific Telephone and Telegraph Co
1960	NASH HEARTSILL	Pacific Telephone and Telegraph Company

404 KANSAS ST

Year	Uses	Source
1970	Sparks Dale W	Pacific Telephone Co
1965	SPARKS DALE W EA A	The Pacific Telephone and Telegraph Co
1960	SPARKS DALE W	Pacific Telephone and Telegraph Company

FINDINGS

408 KANSAS ST

Year	Uses	Source
1980	Simkins Robt L	Pacific Telephone Co
1975	Jarrell Arthur	Pacific Telephone Co
1970	Jarrenl Arthur	Pacific Telephone Co
1960	PECAUT JEAN ea	Pacific Telephone and Telegraph Company

412 KANSAS ST

Year	Uses	Source
1975	La Mar Frances S	Pacific Telephone Co
1970	La Mar Frances S	Pacific Telephone Co
1965	LA MAR HARRY H MRS 32 i	The Pacific Telephone and Telegraph Co
1960	LA MAR HARRY H MRS	Pacific Telephone and Telegraph Company

416 KANSAS ST

Year	Uses	Source
1980	Warrenberger K R MSgt	Pacific Telephone Co
1975	Warrenberger K R MSgt	Pacific Telephone Co
1970	Warrenberger K R MSgt	Pacific Telephone Co

419 KANSAS ST

Year	Uses	Source
1975	Kravagna Cut	Pacific Telephone Co
	Skode Industries	Pacific Telephone Co
1970	Skode Industries	Pacific Telephone Co
	Kravagna Cut	Pacific Telephone Co
1965	KRAVAGNA C 22 Z	The Pacific Telephone and Telegraph Co
1960	CLEANO PRODUCTS CO	Pacific Telephone and Telegraph Company

420 KANSAS ST

Year	Uses	Source
1980	Boyer L L	Pacific Telephone Co
1975	Cerveny Steven	Pacific Telephone Co
1970	Cerveny Steven	Pacific Telephone Co
1965	PETERS DONALD E 3 AZ	The Pacific Telephone and Telegraph Co
1960	REA RONALD L	Pacific Telephone and Telegraph Company

423 KANSAS ST

Year	Uses	Source
1960	RODGERSON JOSEPH	Pacific Telephone and Telegraph Company

FINDINGS

424 KANSAS ST

Year	Uses	Source
1980	Collette Guy J Lt Col	Pacific Telephone Co
1975	Collette Guy J Lt Col	Pacific Telephone Co
1970	Collette Guy J Mal	Pacific Telephone Co
1965	COLLETTE GUY J MAJ	The Pacific Telephone and Telegraph Co
1960	COLLETTE GUY J CAPT	Pacific Telephone and Telegraph Company

428 KANSAS ST

Year	Uses	Source
1980	Faas John G	Pacific Telephone Co
1975	Faas John G	Pacific Telephone Co
1970	Faas John G	Pacific Telephone Co
1965	FAAS JOHN G IA	The Pacific Telephone and Telegraph Co
1960	SANDERS KEITH L	Pacific Telephone and Telegraph Company

429 KANSAS ST

Year	Uses	Source
1980	Brock S	Pacific Telephone Co
	Brock Jas L	Pacific Telephone Co
1975	Brock Jas L	Pacific Telephone Co
1970	Brock Jas L	Pacific Telephone Co
1965	BROCK JAS L	The Pacific Telephone and Telegraph Co

432 KANSAS ST

Year	Uses	Source
1980	Bruenger I	Pacific Telephone Co
1975	Bruenger IJ	Pacific Telephone Co
1970	Bruenger I J	Pacific Telephone Co
1965	BRUENGER I J 3 2 Z	The Pacific Telephone and Telegraph Co
1960	ERICKSON ALLEN R	Pacific Telephone and Telegraph Company

433 KANSAS ST

Year	Uses	Source
1980	Fudge Wayne	Pacific Telephone Co
1975	Fudge Wayne	Pacific Telephone Co
1970	Fudge Nancy E	Pacific Telephone Co
1965	FUDGE W D A 2	The Pacific Telephone and Telegraph Co
1960	FUDGE W 0	Pacific Telephone and Telegraph Company

434 KANSAS ST

Year	Uses	Source
1980	La Valle R E	Pacific Telephone Co
1975	La Val le E	Pacific Telephone Co
1970	Madison Edw C	Pacific Telephone Co
1965	MADISON EDWARD C 322 U	The Pacific Telephone and Telegraph Co
	MADISON EDWARD C A	The Pacific Telephone and Telegraph Co
1960	MADISON EDWARD C	Pacific Telephone and Telegraph Company
	MADISON EDWARD C	Pacific Telephone and Telegraph Company

437 KANSAS ST

Year	Uses	Source
1965	KILE V F EA 2 f	The Pacific Telephone and Telegraph Co
1960	KING ROBT R	Pacific Telephone and Telegraph Company

441 KANSAS ST

Year	Uses	Source
1975	Kidder Duane F	Pacific Telephone Co
1970	Kidder Duane F	Pacific Telephone Co
	KANSAS FROM	Pacific Telephone Co
1965	KIDDER DUANE F EA	The Pacific Telephone and Telegraph Co
1960	KIDDER DUANE F	Pacific Telephone and Telegraph Company

Kansas Street

348 Kansas Street

Year	Uses	Source
1995	International Rectifier Divisions Semiconductor Division	Pacific Bell
	Western Reg Sales Ofc	Pacific Bell
	International Rectifier	Pacific Bell
	Western Reg Sales Ofc	Pacific Bell
1991	Western Reg Sales Ofc	Pacific Bell
	Internati Refrigeration Co	Pacific Bell
1985	INTERNATIONAL RECTIFIER DIVISIONS	Pacific Bell

N ILLINOIS ST

204 N ILLINOIS ST

Year	Uses	Source
1950	RESALES FRED R	Pacific Telephone

W GRAND AVE

1315 W GRAND AVE

Year	Uses	Source
1960	ROSE BOWL	Pacific Telephone and Telegraph Company

W WASHINGTON ST

136 W WASHINGTON ST

Year	Uses	Source
1965	NATIONAL MARKING INC OR	The Pacific Telephone and Telegraph Co
	NATIONAL MARKING CORP	The Pacific Telephone and Telegraph Co
	MAGNETIC AMPLIFRS OR	The Pacific Telephone and Telegraph Co
1960	NATIONAL MARKING INC OR	Pacific Telephone and Telegraph Company
	NATIONAL MARKING CORP	Pacific Telephone and Telegraph Company
	MAGNETIC AMPLIFRS OR	Pacific Telephone and Telegraph Company

300 W WASHINGTON ST

Year	Uses	Source
1958	Rolfe Co Inc The distrs	Pacific Telephone

316 W WASHINGTON ST

Year	Uses	Source
1965	SERVOMECHANISMS INC	The Pacific Telephone and Telegraph Co
1960	SERVOMECHANISMS INC	Pacific Telephone and Telegraph Company

324 W WASHINGTON ST

Year	Uses	Source
1965	MARPLEX CO OR	The Pacific Telephone and Telegraph Co
1960	MARPLEX CO OR	Pacific Telephone and Telegraph Company

333 W WASHINGTON ST

Year	Uses	Source
1958	STEWART WARNER AUTOMOTIVE SALES & SERV	Pacific Telephone

400 W WASHINGTON ST

Year	Uses	Source
1995	Levy A	Pacific Bell
	Levs Liquor Store	Pacific Bell
	Levshin Peter & Linda Cov	Pacific Bell
1965	JORDAN AGNES J MRS	The Pacific Telephone and Telegraph Co

Year	Uses	Source
1960	JORDAN AGNES J MRS	Pacific Telephone and Telegraph Company
1958	Los Angeles Trade Technical Junior College	Pacific Telephone
	Trade Technical Junior Collegs	Pacific Telephone
	Wiggins Frank Trade School	Pacific Telephone

401 W WASHINGTON ST

Year	Uses	Source
1965	WARTH EARCEL	The Pacific Telephone and Telegraph Co
1960	WARTH EARCEL	Pacific Telephone and Telegraph Company
1958	Thompson Lacquer Co	Pacific Telephone

404 W WASHINGTON ST

Year	Uses	Source
1965	STUTHARD ALVIN ea	The Pacific Telephone and Telegraph Co
1960	STUTHARD ALVIN ea	Pacific Telephone and Telegraph Company

405 W WASHINGTON ST

Year	Uses	Source
1965	CHRISTIE CLARK H JR	The Pacific Telephone and Telegraph Co
1960	CHRISTIE CLARK H JR	Pacific Telephone and Telegraph Company

408 W WASHINGTON ST

Year	Uses	Source
1965	MC DONALD WILBUR G	The Pacific Telephone and Telegraph Co
1960	MC DONALD WILBUR G	Pacific Telephone and Telegraph Company

409 W WASHINGTON ST

Year	Uses	Source
1965	BULLOCK HERBERT 0	The Pacific Telephone and Telegraph Co
1960	BULLOCK HERBERT 0	Pacific Telephone and Telegraph Company

410 W WASHINGTON ST

Year	Uses	Source
1995	Pay Telephone	Pacific Bell
	Main Center	Pacific Bell
	Armenian Center Inc	Pacific Bell

411 W WASHINGTON ST

Year	Uses	Source
1958	Feldman Brokerage Co bakers suppls	Pacific Telephone

Year	Uses	Source
1958	Atlas Supply Co bkrs suppis	Pacific Telephone
	Atlas Bakers Supply Co	Pacific Telephone

412 W WASHINGTON ST

Year	Uses	Source
1965	SHAW ALLEN L	The Pacific Telephone and Telegraph Co
1960	SHAW ALLEN L	Pacific Telephone and Telegraph Company

413 W WASHINGTON ST

Year	Uses	Source
1965	BRANSON H D	The Pacific Telephone and Telegraph Co
1960	BRANSON H D	Pacific Telephone and Telegraph Company

416 W WASHINGTON ST

Year	Uses	Source
1965	VOSS CHARLES	The Pacific Telephone and Telegraph Co
1960	VOSS CHARLES	Pacific Telephone and Telegraph Company

417 W WASHINGTON ST

Year	Uses	Source
1965	KASTLER R H	The Pacific Telephone and Telegraph Co
1960	KASTLER R H	Pacific Telephone and Telegraph Company

420 W WASHINGTON ST

Year	Uses	Source
1965	PIERSON CLIFFORD	The Pacific Telephone and Telegraph Co
1960	PIERSON CLIFFORD	Pacific Telephone and Telegraph Company

421 W WASHINGTON ST

Year	Uses	Source
1965	MC GILL HERMAN L	The Pacific Telephone and Telegraph Co
1960	MC GILL HERMAN L	Pacific Telephone and Telegraph Company

424 W WASHINGTON ST

Year	Uses	Source
1965	RIDDLE RALPH W	The Pacific Telephone and Telegraph Co
1960	RIDDLE RALPH W	Pacific Telephone and Telegraph Company

425 W WASHINGTON ST

Year	Uses	Source
1965	TAHAN GEO N	The Pacific Telephone and Telegraph Co

Year	Uses	Source
1960	TAHAN GEO N	Pacific Telephone and Telegraph Company

429 W WASHINGTON ST

Year	Uses	Source
1965	WASHINGTON STREET CONTINUED	The Pacific Telephone and Telegraph Co
	FARNSWORTH CHET L	The Pacific Telephone and Telegraph Co
1960	WASHINGTON STREET CONTINUED	Pacific Telephone and Telegraph Company
	FARNSWORTH CHET L	Pacific Telephone and Telegraph Company

432 W WASHINGTON ST

Year	Uses	Source
1965	COOPER NORMAN R	The Pacific Telephone and Telegraph Co
1960	COOPER NORMAN R	Pacific Telephone and Telegraph Company

433 W WASHINGTON ST

Year	Uses	Source
1965	LAMPING A R	The Pacific Telephone and Telegraph Co
1960	LAMPING A R	Pacific Telephone and Telegraph Company

434 W WASHINGTON ST

Year	Uses	Source
1965	DVORCHAK JOHN	The Pacific Telephone and Telegraph Co
1960	DVORCHAK JOHN	Pacific Telephone and Telegraph Company

435 W WASHINGTON ST

Year	Uses	Source
1965	THOMSON WM R	The Pacific Telephone and Telegraph Co
1960	THOMSON WM R	Pacific Telephone and Telegraph Company

481 W WASHINGTON ST

Year	Uses	Source
1995	Parks Liquor	Pacific Bell

483 W WASHINGTON ST

Year	Uses	Source
1995	A One Check Cashing	Pacific Bell

WASHINGTON

316 WASHINGTON

Year	Uses	Source
2000	FIRST FINISH DEVELOPMENT CENTER	Pacific Bell Telephone Co
	AZTECA FINISHING	Pacific Bell Telephone Co
1990	SCHULTZ GARY CUSTOM CABINETS	Pacific Bell Telephone Co
	4 K CARPET SERVICES	Pacific Bell Telephone Co

332 WASHINGTON

Year	Uses	Source
2000	FINAL FINISH INC j	Pacific Bell Telephone Co
	SPARKLING AIRLINE LINENS SERVICES	Pacific Bell Telephone Co
1990	FINAL FINISH INC	Pacific Bell Telephone Co
	SPARKLING AIRLINE LINENS SERVICES	Pacific Bell Telephone Co
1986	SPARKLING AIRLINE LINENS & UNIFORMS EL SEGUNDO	Pacific Bell
1981	SPARKLING AIRLINE LINENS & UNIFORMS EL SEGUNDO	Pacific Telephone
1971	Sparkling Airline Linens & Uniforms	Pacific Telephone

348 WASHINGTON

Year	Uses	Source
1986	Q M C INC EL SEGUNDO	Pacific Bell
	QORK MACHINE CO INC EL SEGUNDO	Pacific Bell
1981	Q M C INC EL SEGUNDO	Pacific Telephone
1971	Qork Machine Co Inc	Pacific Telephone

401 WASHINGTON

Year	Uses	Source
1990	Clark D J	Pacific Bell Telephone Co

405 WASHINGTON

Year	Uses	Source
1990	Usmani Jenny	Pacific Bell Telephone Co
	Usmani Badruddin	Pacific Bell Telephone Co

413 WASHINGTON

Year	Uses	Source
1990	Muller Lawrence A	Pacific Bell Telephone Co

FINDINGS

417 WASHINGTON

Year	*Uses*	*Source*
2000	Wogomon Kenneth E	Pacific Bell Telephone Co
	: 425 Voulelikas George	Pacific Bell Telephone Co
	Wogomon Kenneth & Louise	Pacific Bell Telephone Co
1990	Wogomon Kenneth & Louise	Pacific Bell Telephone Co

421 WASHINGTON

Year	*Uses*	*Source*
1990	Patty Obed Lyndon	Pacific Bell Telephone Co

425 WASHINGTON

Year	*Uses*	*Source*
2000	Voulelikas George	Pacific Bell Telephone Co

428 WASHINGTON

Year	*Uses*	*Source*
1990	Lumel Nancy	Pacific Bell Telephone Co

429 WASHINGTON

Year	*Uses*	*Source*
1990	FARNSWORTH PLASTERING	Pacific Bell Telephone Co

433 WASHINGTON

Year	*Uses*	*Source*
2000	Veloz Alex	Pacific Bell Telephone Co

434 WASHINGTON

Year	*Uses*	*Source*
2000	GLYNNCO PLUMBING	Pacific Bell Telephone Co

WASHINGTON PL

316 WASHINGTON PL

Year	*Uses*	*Source*
1975	BIO METAL ASSOCIATES	Pacific Telephone

WASHINGTON ST

101 WASHINGTON ST

Year	*Uses*	*Source*
1933	Aron Harry gro	Los Angeles Directory Co.

FINDINGS

104 WASHINGTON ST

Year	Uses	Source
1933	Tully Beatrice Mrs	Los Angeles Directory Co.

107 WASHINGTON ST

Year	Uses	Source
1933	Walker C G real est	Los Angeles Directory Co.

108 WASHINGTON ST

Year	Uses	Source
1933	Peterson L M o	Los Angeles Directory Co.

111 WASHINGTON ST

Year	Uses	Source
1933	Vacant	Los Angeles Directory Co.

140 WASHINGTON ST

Year	Uses	Source
2013	CENTERCAL PROPERTIES LLC	Cole Information Services
2008	ELECTROLOGY INC	Cole Information Services
1965	CONTROLS CO AMERICsp	The Pacific Telephone and Telegraph Co
	CONTROLS CO AMER	The Pacific Telephone and Telegraph Co

316 WASHINGTON ST

Year	Uses	Source
2008	TECHNI QUIP CORP	Cole Information Services
2001	AZTECA FINISHING	Haines & Company, Inc.
1965	BIO METAL ASSOCS E	The Pacific Telephone and Telegraph Co

332 WASHINGTON ST

Year	Uses	Source
2008	FINAL FINISH INC	Cole Information Services
2001	FINALFINISHINC	Haines & Company, Inc.
1965	WRIGHT ENGINEERING	The Pacific Telephone and Telegraph Co

348 WASHINGTON ST

Year	Uses	Source
2001	KIZIRIANJames	Haines & Company, Inc.

400 WASHINGTON ST

Year	Uses	Source
2001	CALCO Carmen	Haines & Company, Inc.

FINDINGS

Year	Uses	Source
1965	DAVIS R	The Pacific Telephone and Telegraph Co

401 WASHINGTON ST

Year	Uses	Source
2001	OAMATOSusan	Haines & Company, Inc.
1965	DAEHLER R	The Pacific Telephone and Telegraph Co

403 WASHINGTON ST

Year	Uses	Source
2001	XXXX	Haines & Company, Inc.

404 WASHINGTON ST

Year	Uses	Source
2001	HARRIS Jerry	Haines & Company, Inc.
1965	STUTHARD L E	The Pacific Telephone and Telegraph Co

405 WASHINGTON ST

Year	Uses	Source
2001	HUSAIN Saiyed	Haines & Company, Inc.
1965	CHRISTIE CLARK H JR E	The Pacific Telephone and Telegraph Co

408 WASHINGTON ST

Year	Uses	Source
2001	NABHAN Michel	Haines & Company, Inc.
1965	MC DONALD WILBUR G E	The Pacific Telephone and Telegraph Co

409 WASHINGTON ST

Year	Uses	Source
2001	KIZIRIANJames	Haines & Company, Inc.
1965	BULLOCK HERBERT 0 E	The Pacific Telephone and Telegraph Co

412 WASHINGTON ST

Year	Uses	Source
2013	CURRY PATRICK ELECTRIC	Cole Information Services
2008	PATRICK CURRY ELECTRIC INC	Cole Information Services
2001	CURRYPalrick	Haines & Company, Inc.
1965	SHAW ALLEN L E	The Pacific Telephone and Telegraph Co

413 WASHINGTON ST

Year	Uses	Source
2001	XXXX	Haines & Company, Inc.

Year	Uses	Source
1965	CRONIN V S	The Pacific Telephone and Telegraph Co

416 WASHINGTON ST

Year	Uses	Source
2001	LUJANRuben	Haines & Company, Inc.

417 WASHINGTON ST

Year	Uses	Source
2001	WOGOMONKenneih	Haines & Company, Inc.
1965	KASTLER R H E	The Pacific Telephone and Telegraph Co

420 WASHINGTON ST

Year	Uses	Source
2001	COOK Deborah	Haines & Company, Inc.
1965	PIERSON CLIFFORD E	The Pacific Telephone and Telegraph Co

421 WASHINGTON ST

Year	Uses	Source
1965	STEPHENS 0 T	The Pacific Telephone and Telegraph Co

424 WASHINGTON ST

Year	Uses	Source
2001	XXXX	Haines & Company, Inc.
1965	RIDDLE RALPH W E	The Pacific Telephone and Telegraph Co

425 WASHINGTON ST

Year	Uses	Source
2001	VOULELIKASGeorge	Haines & Company, Inc.
1965	TAHAN GEO N E	The Pacific Telephone and Telegraph Co
1933	Vacant	Los Angeles Directory Co.

427 WASHINGTON ST

Year	Uses	Source
2001	XXXX	Haines & Company, Inc.
1933	Titus L M gas sta	Los Angeles Directory Co.

428 WASHINGTON ST

Year	Uses	Source
2008	COMBUSTION RESOURCES INC	Cole Information Services
2001	KEILChnstopher	Haines & Company, Inc.
1965	GIFFIN R T E	The Pacific Telephone and Telegraph Co

Year	Uses	Source
1965	KEMP CHRISTY CONST	The Pacific Telephone and Telegraph Co

429 WASHINGTON ST

Year	Uses	Source
2001	MOSTERTSandra	Haines & Company, Inc.
1965	FARNSWORTH CHET L E	The Pacific Telephone and Telegraph Co

432 WASHINGTON ST

Year	Uses	Source
2001	XXXX	Haines & Company, Inc.
1965	LEONARD ROBT N E	The Pacific Telephone and Telegraph Co

433 WASHINGTON ST

Year	Uses	Source
2001	VELOZAlex	Haines & Company, Inc.

434 WASHINGTON ST

Year	Uses	Source
2001	GLYNNCO PLUMBING	Haines & Company, Inc.

435 WASHINGTON ST

Year	Uses	Source
2001	MAMMONELISa	Haines & Company, Inc.
1965	BOAZ ROBT G	The Pacific Telephone and Telegraph Co
1964	BOAZ ROBT G	Pacific Telephone

461 WASHINGTON ST

Year	Uses	Source
1933	Vacant	Los Angeles Directory Co.

WASHINGTON WAY

140 WASHINGTON WAY

Year	Uses	Source
1980	Electroply Inc	Pacific Telephone Co
1975	Electroply Inc	Pacific Telephone Co
1970	Tape Controlled Machining Co	Pacific Telephone Co

316 WASHINGTON WAY

Year	Uses	Source
1975	Blo Metal Associates	Pacific Telephone Co

Year	Uses	Source
1970	Bio Metal Associates	Pacific Telephone Co

332 WASHINGTON WAY

Year	Uses	Source
1980	Sparkling Airline Linens & Uniforms	Pacific Telephone Co
1975	Sparkling Airline Llnens& Uniforms	Pacific Telephone Co
1970	Sparkling Airline Linens & Uniforms	Pacific Telephone Co

348 WASHINGTON WAY

Year	Uses	Source
1980	Qork Machine Co Inc	Pacific Telephone Co
1975	Qork Machine Co Inc	Pacific Telephone Co
1970	Wescal Industries Inc	Pacific Telephone Co

404 WASHINGTON WAY

Year	Uses	Source
1975	Neff Dave	Pacific Telephone Co
1970	Kellerman Gerald	Pacific Telephone Co

405 WASHINGTON WAY

Year	Uses	Source
1980	Usmai Badruddin	Pacific Telephone Co

408 WASHINGTON WAY

Year	Uses	Source
1975	Mc Donald Wilbur G	Pacific Telephone Co
1970	Mc Donald Wilbur G	Pacific Telephone Co

409 WASHINGTON WAY

Year	Uses	Source
1975	Ayer Lee E	Pacific Telephone Co

412 WASHINGTON WAY

Year	Uses	Source
1980	Smith Joanna L	Pacific Telephone Co
1975	Larson Gary M	Pacific Telephone Co
1970	Shaw Allen L	Pacific Telephone Co

413 WASHINGTON WAY

Year	Uses	Source
1980	Muller Lawrence A	Pacific Telephone Co

Year	Uses	Source
1975	Muller LA	Pacific Telephone Co

420 WASHINGTON WAY

Year	Uses	Source
1975	Plerson Clifford	Pacific Telephone Co
1970	Pierson Clifford	Pacific Telephone Co

421 WASHINGTON WAY

Year	Uses	Source
1980	Sladek Jack E	Pacific Telephone Co
1975	Stephens Gordon T	Pacific Telephone Co
1970	Stephens Gordon T	Pacific Telephone Co

424 WASHINGTON WAY

Year	Uses	Source
1975	Riddle Ralph W	Pacific Telephone Co
1970	Riddle Ralph W	Pacific Telephone Co

425 WASHINGTON WAY

Year	Uses	Source
1980	De Voldre Robt & Bonnie	Pacific Telephone Co
1975	Nobles Steven	Pacific Telephone Co
1970	Nobles Steven	Pacific Telephone Co

428 WASHINGTON WAY

Year	Uses	Source
1980	Sievers Bruce	Pacific Telephone Co
1975	Giffin Robt T	Pacific Telephone Co
1970	Giffin Robt T	Pacific Telephone Co

429 WASHINGTON WAY

Year	Uses	Source
1975	Farnsworth Chet L	Pacific Telephone Co
1970	Farnsworth Chet L	Pacific Telephone Co

432 WASHINGTON WAY

Year	Uses	Source
1980	Johnson Jerrald D	Pacific Telephone Co
1975	Johnson Jerrald	Pacific Telephone Co
1970	Johnson Jerrald D	Pacific Telephone Co

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434 WASHINGTON WAY

Year	***Uses***	***Source***
1975	Kittredge Barbara B	Pacific Telephone Co

435 WASHINGTON WAY

Year	***Uses***	***Source***
1975	Boaz Robt G	Pacific Telephone Co
1970	Boaz Robt G	Pacific Telephone Co

FINDINGS

TARGET PROPERTY: ADDRESS NOT IDENTIFIED IN RESEARCH SOURCE

The following Target Property addresses were researched for this report, and the addresses were not identified in the research source.

Address Researched	Address Not Identified in Research Source
330 Kansas Street	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

ADJOINING PROPERTY: ADDRESSES NOT IDENTIFIED IN RESEARCH SOURCE

The following Adjoining Property addresses were researched for this report, and the addresses were not identified in research source.

Address Researched	Address Not Identified in Research Source
101 WASHINGTON ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
104 WASHINGTON ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
107 WASHINGTON ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
108 WASHINGTON ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
111 WASHINGTON ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1301 E GRAND AVE	2013, 2008, 2006, 2004, 2003, 2001, 1999, 1996, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1305 E GRAND AVE	2013, 2008, 2006, 2004, 2003, 1999, 1996, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

FINDINGS

Address Researched	Address Not Identified in Research Source
1305 E GRAND AVE	2013, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1309 E GRAND AVE	2013, 2008, 2006, 2004, 2003, 1999, 1996, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1310 E GRAND AVE	2013, 2008, 2006, 2004, 2003, 1999, 1996, 1995, 1992, 1991, 1986, 1985, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1956, 1955, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1310 E GRAND AVE	2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1313 E GRAND AVE	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1315 E GRAND AVE	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1315 W GRAND AVE	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1317 E GRAND AVE	2013, 2008, 2006, 2004, 2003, 1999, 1996, 1995, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1321 E GRAND AVE	2013, 2008, 2006, 2004, 2003, 1999, 1996, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1321 E GRAND AVE	2013, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1325 E GRAND AVE	2013, 2008, 2006, 2004, 2003, 2001, 1999, 1996, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

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Address Researched	Address Not Identified in Research Source
1329 E GRAND AVE	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1333 E GRAND AVE	2013, 2008, 2006, 2004, 2003, 2000, 1999, 1996, 1995, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1333 E GRAND AVE	2013, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1337 E GRAND AVE	2013, 2008, 2006, 2004, 2003, 2001, 1999, 1996, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1341 E GRAND AVE	2013, 2008, 2006, 2004, 2003, 1999, 1996, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1345 E GRAND AVE	2013, 2008, 2006, 2004, 2003, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1349 E GRAND AVE	2013, 2008, 2006, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1357 E GRAND AVE	2013, 2008, 2006, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
136 W WASHINGTON ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1964, 1963, 1962, 1961, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1361 E GRAND AVE	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1365 E GRAND AVE	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

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Address Researched	Address Not Identified in Research Source
1365 E HOLLY AVE	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1369 E GRAND AVE	2013, 2008, 2006, 2004, 2003, 2001, 1999, 1996, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1373 E GRAND AVE	2013, 2008, 2006, 2004, 2003, 1999, 1996, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1375 E HOLLY AVE	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1379 E HOLLY AVE	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
140 WASHINGTON ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
140 WASHINGTON ST	2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
140 WASHINGTON WAY	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1976, 1972, 1971, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1400 E HOLLY AVE	2013, 2008, 2006, 2004, 2003, 2000, 1999, 1996, 1992, 1991, 1986, 1985, 1981, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1400 HOLLY AVE E	2013, 2008, 2006, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1410 E GRAND AVE	2013, 2008, 2006, 2004, 2003, 1999, 1996, 1992, 1991, 1986, 1985, 1981, 1976, 1972, 1971, 1969, 1967, 1966, 1963, 1962, 1961, 1958, 1956, 1955, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

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Address Researched	Address Not Identified in Research Source
1410 E GRAND AVE	2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1415 E GRAND AVE	2013, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1415 E GRAND AVE	2013, 2008, 2006, 2004, 2003, 1999, 1996, 1992, 1991, 1985, 1976, 1972, 1971, 1969, 1967, 1966, 1963, 1962, 1961, 1958, 1957, 1956, 1955, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1420 E GRAND AVE	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1435 E HOLLY AVE	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1440 ELEMBARCADERO	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1444 E HOLLY AVE	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1445 E HOLLY AVE	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1488 ELIN POINTE DR	2013, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1501 E HOLLY AVE	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1521 E GRAND AVE	2013, 2008, 2006, 2004, 2003, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1958, 1957, 1956, 1955, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

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Address Researched	Address Not Identified in Research Source
1521 Grand Avenue	2013, 2008, 2006, 2004, 2003, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1958, 1957, 1956, 1955, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1595 E HOLLY AVE	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1601 E GRAND AVE	2013, 2008, 2006, 2004, 2003, 1999, 1996, 1992, 1991, 1986, 1985, 1981, 1976, 1972, 1971, 1969, 1967, 1966, 1963, 1962, 1961, 1958, 1956, 1955, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1601 E GRAND AVE	2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1605 E GRAND AVE	2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1605 E GRAND AVE	2013, 2008, 2006, 2004, 2003, 1999, 1996, 1992, 1991, 1986, 1985, 1981, 1976, 1972, 1971, 1969, 1967, 1966, 1963, 1962, 1961, 1958, 1956, 1955, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1610 E HOLLY AVE	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1620 E HOLLY AVE	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1696 E HOLLY AVE	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1700 E GRAND AVE	2013, 2008, 2006, 2004, 2003, 1999, 1996, 1992, 1976, 1972, 1971, 1969, 1967, 1966, 1963, 1962, 1961, 1958, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1700 E GRAND AVE	2013, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

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Address Researched	Address Not Identified in Research Source
1700 E HOLLY AVE	2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1700 E HOLLY AVE	2013, 2008, 2006, 2004, 2003, 2000, 1999, 1996, 1992, 1991, 1985, 1976, 1972, 1971, 1970, 1969, 1967, 1966, 1964, 1963, 1962, 1961, 1958, 1956, 1955, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1700 HOLLY AVE	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1700 HOLLY AVE E	2013, 2008, 2006, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1707 E HOLLY AVE	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1711 E HOLLY AVE	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
202 ILLINOIS	2013, 2008, 2006, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
202 ILLINOIS ST	2013, 2008, 2006, 2004, 2003, 2000, 1999, 1996, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
202 ILLINOIS ST	2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
204 N ILLINOIS ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
206 ILLINOIS ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

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Address Researched	Address Not Identified in Research Source
208 ILLINOIS ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
212 ILLINOIS ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
216 ILLINOIS ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
222 ILLINOIS ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
228 ILLINOIS ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
232 CALIFORNIA	2013, 2008, 2006, 2004, 2003, 2001, 1999, 1996, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
232 CALIFORNIA ST	2013, 2008, 2006, 2004, 2003, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
232 CALIFORNIA ST	2013, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
232 CALIFORNIA TRL	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1976, 1972, 1971, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
233 CALIFORNIA ST	2013, 2008, 2006, 2004, 2003, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
233 CALIFORNIA TRL	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

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Address Researched	Address Not Identified in Research Source
233 KANSAS	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1992, 1991, 1985, 1980, 1976, 1975, 1972, 1970, 1969, 1966, 1965, 1964, 1963, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
233 KANSAS AVE	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1981, 1980, 1975, 1972, 1971, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
233 KANSAS ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1992, 1990, 1986, 1981, 1976, 1972, 1971, 1969, 1967, 1966, 1964, 1963, 1962, 1961, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
233 KANSAS ST	2013, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
234 CALIFORNIA ST	2013, 2008, 2006, 2004, 2003, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
234 CALIFORNIA TRL	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
235 CALIFORNIA	2013, 2008, 2006, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
235 CALIFORNIA ST	2013, 2008, 2006, 2004, 2003, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
235 CALIFORNIA ST	2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
236 CALIFORNIA	2013, 2008, 2006, 2004, 2003, 2001, 1999, 1996, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
236 CALIFORNIA ST	2013, 2008, 2006, 2004, 2003, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

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Address Researched	Address Not Identified in Research Source
236 CALIFORNIA ST	2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
236 CALIFORNIA TRL	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
237 CALIFORNIA ST	2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
247 KANSAS	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
247 KANSAS ST	2013, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
266 KANSAS AVE	2013, 2008, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
282 ILLINOIS ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
300 E WASHINGTON ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
300 W WASHINGTON ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
302 ILLINOIS ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
306 E WASHINGTON ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

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Address Researched	Address Not Identified in Research Source
310 E WASHINGTON ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
310 ILLINOIS ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
311 KANSAS	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
311 KANSAS ST	2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
312 E WASHINGTON ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
312 ILLINOIS ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
315 E WASHINGTON ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
316 E WASHINGTON ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
316 W WASHINGTON ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1964, 1963, 1962, 1961, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
316 WASHINGTON	2013, 2008, 2006, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
316 WASHINGTON PL	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

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Address Researched	Address Not Identified in Research Source
316 WASHINGTON ST	2013, 2008, 2006, 2004, 2003, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
316 WASHINGTON ST	2013, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
316 WASHINGTON WAY	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1972, 1971, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
318 Kansas Street	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
319 E WASHINGTON ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
320 ILLINOIS AVE	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
320 ILLINOIS ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
322 E WASHINGTON ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
324 W WASHINGTON ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1964, 1963, 1962, 1961, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
328 ILLINOIS ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

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Address Researched	Address Not Identified in Research Source
330 ILLINOIS	2013, 2008, 2006, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
330 ILLINOIS ST	2013, 2008, 2006, 2004, 2003, 2000, 1999, 1996, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
330 ILLINOIS ST	2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
332 ILLINOIS ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
332 WASHINGTON	2013, 2008, 2006, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1985, 1980, 1976, 1975, 1972, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
332 WASHINGTON ST	2013, 2008, 2006, 2004, 2003, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
332 WASHINGTON ST	2013, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
332 WASHINGTON WAY	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1976, 1972, 1971, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
333 W WASHINGTON ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
336 ILLINOIS ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
337 KANSAS	2013, 2008, 2006, 2004, 2003, 2001, 1999, 1996, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

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Address Researched	Address Not Identified in Research Source
337 KANSAS ST	2013, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
340 Kansas Street	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
345 KANSAS	2013, 2008, 2006, 2004, 2003, 2001, 1999, 1996, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
345 KANSAS AVE	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1961, 1960, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
345 KANSAS ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1964, 1963, 1962, 1961, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
345 KANSAS ST	2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
429 WASHINGTON	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
429 WASHINGTON ST	2013, 2008, 2006, 2004, 2003, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
429 WASHINGTON WAY	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1972, 1971, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
432 CALIFORNIA	2013, 2008, 2006, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

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Address Researched	Address Not Identified in Research Source
432 CALIFORNIA ST	2013, 2008, 2006, 2004, 2003, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
432 CALIFORNIA TRL	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
432 KANSAS	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
432 KANSAS ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1976, 1972, 1971, 1969, 1967, 1966, 1964, 1963, 1962, 1961, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
432 W WASHINGTON ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1964, 1963, 1962, 1961, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
432 WASHINGTON ST	2013, 2008, 2006, 2004, 2003, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
432 WASHINGTON WAY	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1976, 1972, 1971, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
433 KANSAS ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1976, 1972, 1971, 1969, 1967, 1966, 1964, 1963, 1962, 1961, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
433 W WASHINGTON ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1964, 1963, 1962, 1961, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
433 WASHINGTON	2013, 2008, 2006, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
433 WASHINGTON ST	2013, 2008, 2006, 2004, 2003, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

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Address Researched	Address Not Identified in Research Source
434 KANSAS	2013, 2008, 2006, 2004, 2003, 2001, 1999, 1996, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
434 KANSAS ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1976, 1972, 1971, 1969, 1967, 1966, 1964, 1963, 1962, 1961, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
434 W WASHINGTON ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1964, 1963, 1962, 1961, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
434 WASHINGTON	2013, 2008, 2006, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
434 WASHINGTON ST	2013, 2008, 2006, 2004, 2003, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
434 WASHINGTON WAY	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
435 W WASHINGTON ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1964, 1963, 1962, 1961, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
435 WASHINGTON ST	2013, 2008, 2006, 2004, 2003, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
435 WASHINGTON WAY	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1972, 1971, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
436 CALIFORNIA TRL	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1972, 1971, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
437 KANSAS ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1964, 1963, 1962, 1961, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

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Address Researched	Address Not Identified in Research Source
441 KANSAS	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
441 KANSAS ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1972, 1971, 1969, 1967, 1966, 1964, 1963, 1962, 1961, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
461 WASHINGTON ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
481 W WASHINGTON ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
483 W WASHINGTON ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
348 KANSAS	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
348 KANSAS AVE	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
348 KANSAS ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1992, 1990, 1986, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
348 Kansas Street	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1992, 1990, 1986, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
348 WASHINGTON	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1985, 1980, 1976, 1975, 1972, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
348 WASHINGTON ST	2013, 2008, 2006, 2004, 2003, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

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Address Researched	Address Not Identified in Research Source
348 WASHINGTON WAY	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1976, 1972, 1971, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
352 ILLINOIS AVE	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1921, 1920
392 ILLINOIS AVE	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1921, 1920
400 CALIFORNIA	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
400 CALIFORNIA ST	2013, 2008, 2006, 2004, 2003, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
400 CALIFORNIA TRL	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
400 E WASHINGTON ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
400 ILLINOIS AVE	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
400 ILLINOIS ST	2013, 2008, 2006, 2004, 2003, 2000, 1999, 1996, 1992, 1991, 1990, 1986, 1985, 1981, 1976, 1972, 1971, 1970, 1969, 1967, 1966, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
400 KANSAS	2013, 2008, 2006, 2004, 2003, 2001, 1999, 1996, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
400 KANSAS ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1976, 1972, 1971, 1969, 1967, 1966, 1964, 1963, 1962, 1961, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

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Address Researched	Address Not Identified in Research Source
400 W WASHINGTON ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1964, 1963, 1962, 1961, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
400 WASHINGTON ST	2013, 2008, 2006, 2004, 2003, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
401 CALIFORNIA	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
401 CALIFORNIA ST	2013, 2008, 2006, 2004, 2003, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
401 E WASHINGTON ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
401 W WASHINGTON ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1964, 1963, 1962, 1961, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
401 WASHINGTON	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
401 WASHINGTON ST	2013, 2008, 2006, 2004, 2003, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
402 ILLINOIS ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1963, 1962, 1961, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
403 WASHINGTON ST	2013, 2008, 2006, 2004, 2003, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
404 CALIFORNIA	2013, 2008, 2006, 2004, 2003, 2001, 1999, 1996, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

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404 CALIFORNIA ST	2013, 2008, 2006, 2004, 2003, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
404 ILLINOIS ST	2013, 2008, 2006, 2004, 2003, 2000, 1999, 1996, 1992, 1991, 1986, 1985, 1981, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1964, 1963, 1962, 1961, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
404 KANSAS ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1969, 1967, 1966, 1964, 1963, 1962, 1961, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
404 W WASHINGTON ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1964, 1963, 1962, 1961, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
404 WASHINGTON ST	2013, 2008, 2006, 2004, 2003, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
404 WASHINGTON WAY	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1972, 1971, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
405 CALIFORNIA	2013, 2008, 2006, 2004, 2003, 2001, 1999, 1996, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
405 CALIFORNIA ST	2013, 2008, 2006, 2004, 2003, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
405 CALIFORNIA ST	2013, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
405 CALIFORNIA TRL	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1976, 1972, 1971, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
405 W WASHINGTON ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1964, 1963, 1962, 1961, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

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Address Researched	Address Not Identified in Research Source
405 WASHINGTON	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
405 WASHINGTON ST	2013, 2008, 2006, 2004, 2003, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
405 WASHINGTON WAY	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
406 ILLINOIS ST	2013, 2008, 2006, 2004, 2003, 2000, 1999, 1996, 1995, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
407 E WASHINGTON ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
407 ILLINOIS CT	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
408 CALIFORNIA	2013, 2008, 2006, 2004, 2003, 2001, 1999, 1996, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
408 CALIFORNIA ST	2013, 2008, 2006, 2004, 2003, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
408 CALIFORNIA TRL	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
408 ILLINOIS	2013, 2008, 2006, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
408 ILLINOIS ST	2013, 2008, 2006, 2004, 2003, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1969, 1967, 1966, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

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Address Researched	Address Not Identified in Research Source
408 KANSAS ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1976, 1972, 1971, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
408 W WASHINGTON ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1964, 1963, 1962, 1961, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
408 WASHINGTON ST	2013, 2008, 2006, 2004, 2003, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
408 WASHINGTON WAY	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1972, 1971, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
409 CALIFORNIA	2013, 2008, 2006, 2004, 2003, 2001, 1999, 1996, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
409 CALIFORNIA ST	2013, 2008, 2006, 2004, 2003, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
409 CALIFORNIA TRL	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1976, 1972, 1971, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
409 E WASHINGTON ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
409 W WASHINGTON ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1964, 1963, 1962, 1961, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
409 WASHINGTON ST	2013, 2008, 2006, 2004, 2003, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
409 WASHINGTON WAY	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

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Address Researched	Address Not Identified in Research Source
410 W WASHINGTON ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
411 CALIFORNIA	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
411 CALIFORNIA TRL	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1976, 1972, 1971, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
411 W WASHINGTON ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
412 CALIFORNIA	2013, 2008, 2006, 2004, 2003, 2001, 1999, 1996, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
412 CALIFORNIA ST	2013, 2008, 2006, 2004, 2003, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
412 CALIFORNIA ST	2013, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
412 CALIFORNIA TRL	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1976, 1972, 1971, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
412 KANSAS	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
412 KANSAS ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1972, 1971, 1969, 1967, 1966, 1964, 1963, 1962, 1961, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
412 W WASHINGTON ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1964, 1963, 1962, 1961, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

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Address Researched	Address Not Identified in Research Source
412 WASHINGTON ST	2013, 2008, 2006, 2004, 2003, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
412 WASHINGTON ST	2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
412 WASHINGTON WAY	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1976, 1972, 1971, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
413 W WASHINGTON ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1964, 1963, 1962, 1961, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
413 WASHINGTON	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
413 WASHINGTON ST	2013, 2008, 2006, 2004, 2003, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
413 WASHINGTON WAY	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1976, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
415 CALIFORNIA ST	2013, 2008, 2006, 2004, 2003, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
415 CALIFORNIA TRL	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
416 CALIFORNIA	2013, 2008, 2006, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
416 CALIFORNIA ST	2013, 2008, 2006, 2004, 2003, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

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Address Researched	Address Not Identified in Research Source
416 CALIFORNIA ST	2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
416 CALIFORNIA TRL	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1976, 1972, 1971, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
416 KANSAS	2013, 2008, 2006, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
416 KANSAS ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1976, 1972, 1971, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
416 W WASHINGTON ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1964, 1963, 1962, 1961, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
416 WASHINGTON ST	2013, 2008, 2006, 2004, 2003, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
417 W WASHINGTON ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1964, 1963, 1962, 1961, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
417 WASHINGTON	2013, 2008, 2006, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
417 WASHINGTON ST	2013, 2008, 2006, 2004, 2003, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
418 ILLINOIS ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
419 CALIFORNIA	2013, 2008, 2006, 2004, 2003, 2001, 1999, 1996, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

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419 CALIFORNIA ST	2013, 2008, 2006, 2004, 2003, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
419 CALIFORNIA TRL	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1976, 1972, 1971, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
419 KANSAS ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1972, 1971, 1969, 1967, 1966, 1964, 1963, 1962, 1961, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
420 CALIFORNIA ST	2013, 2008, 2006, 2004, 2003, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
420 CALIFORNIA ST	2013, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
420 CALIFORNIA TRL	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
420 ILLINOIS	2013, 2008, 2006, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
420 ILLINOIS CT	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
420 ILLINOIS ST	2013, 2008, 2006, 2004, 2003, 2000, 1999, 1996, 1992, 1991, 1986, 1985, 1981, 1976, 1972, 1971, 1969, 1967, 1966, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
420 ILLINOIS ST	2013, 2008, 2006, 2004, 2003, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
420 KANSAS	2013, 2008, 2006, 2004, 2003, 2001, 1999, 1996, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

FINDINGS

Address Researched	Address Not Identified in Research Source
420 KANSAS ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1976, 1972, 1971, 1969, 1967, 1966, 1964, 1963, 1962, 1961, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
420 W WASHINGTON ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1964, 1963, 1962, 1961, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
420 WASHINGTON ST	2013, 2008, 2006, 2004, 2003, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
420 WASHINGTON WAY	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1972, 1971, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
421 W WASHINGTON ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1964, 1963, 1962, 1961, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
421 WASHINGTON	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
421 WASHINGTON ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
421 WASHINGTON WAY	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1976, 1972, 1971, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
422 ILLINOIS ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
423 CALIFORNIA	2013, 2008, 2006, 2004, 2003, 2001, 1999, 1996, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
423 CALIFORNIA ST	2013, 2008, 2006, 2004, 2003, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

FINDINGS

Address Researched	Address Not Identified in Research Source
423 CALIFORNIA TRL	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1976, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
423 KANSAS	2013, 2008, 2006, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
423 KANSAS ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
424 CALIFORNIA	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
424 CALIFORNIA ST	2013, 2008, 2006, 2004, 2003, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
424 CALIFORNIA TRL	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1976, 1972, 1971, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
424 KANSAS	2013, 2008, 2006, 2004, 2003, 2001, 1999, 1996, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
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424 W WASHINGTON ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1964, 1963, 1962, 1961, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
424 WASHINGTON ST	2013, 2008, 2006, 2004, 2003, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
424 WASHINGTON WAY	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1972, 1971, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

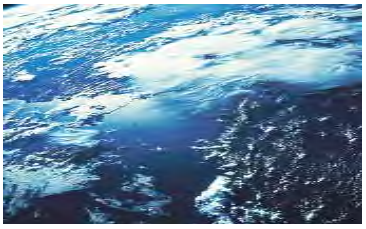
FINDINGS

Address Researched	Address Not Identified in Research Source
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425 WASHINGTON	2013, 2008, 2006, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
425 WASHINGTON ST	2013, 2008, 2006, 2004, 2003, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
425 WASHINGTON WAY	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1976, 1972, 1971, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
427 WASHINGTON ST	2013, 2008, 2006, 2004, 2003, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
428 CALIFORNIA	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
428 CALIFORNIA ST	2013, 2008, 2006, 2004, 2003, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
428 CALIFORNIA TRL	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1976, 1972, 1971, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
428 KANSAS	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
428 KANSAS ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1976, 1972, 1971, 1969, 1967, 1966, 1964, 1963, 1962, 1961, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
428 WASHINGTON	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

FINDINGS

Address Researched	Address Not Identified in Research Source
428 WASHINGTON ST	2013, 2008, 2006, 2004, 2003, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
428 WASHINGTON ST	2013, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
428 WASHINGTON WAY	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1976, 1972, 1971, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
429 KANSAS	2013, 2008, 2006, 2004, 2003, 2001, 1999, 1996, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
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429 W WASHINGTON ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1964, 1963, 1962, 1961, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

Appendix C
Hazardous Material Inventory



CAS No.	Chemical Name	Physical State	Specific Gravity	Container Size	Container UOM	Manufacturer	Material N.F.P.A. Rating H	F	R	S	pH	Segregation Profile	Compatability Index	Storage Location	Subject to Prop 65 Yes	Subject to Prop 65 No	MSDS Online Yes	MSDS Online No	Include in HMBP Yes	Include in HMBP No	Included on TSCA Listing Yes	Included on TSCA Listing No	Subject to EPCRA 302 Yes	Subject to EPCRA 302 No	Subject to EPCRA 304 Yes	Subject to EPCRA 304 No	Subject to CERCLA Yes	Subject to CERCLA No
	DIESEL FUEL	LIQUID	0.8	330	GALLONS	MARATHON (OR EQUIVILENT)	1	2	0		NA	Organics		Back-up Generator	X		X		X		X			X		X		X
	0.05 UG COLLOIDAL SILICA	LIQUID	NL	1	GALLON	ALLIED HI-TECH	1	0	0		10.5	Organics		Device & Analysis Lab		X	X			X	X			X		X		X
7631-86-9	Colloidal Silica	Average Percent			55.0%																							
	0.3 UG DEAGGLOMERATED ALUMINATED SUSPENSION	LIQUID	NL	1	GALLON	ALLIED HI-TECH	1	0	0		NA	Organics		Device & Analysis Lab		X	X			X	X			X		X		X
1344-28-1	Aluminum Oxide	Average Percent			None Listed																							
000057-55-6	Propylene Glycol	Average Percent			None Listed																							
	QUICKSET ACRYLIC LIQUID	LIQUID	0.89	64	OZ	ALLIED HI-TECH	2	2	0		NA	Organics		Device & Analysis Lab		X	X			X	X			X		X		X
97-86-9	Isobutyl Methacrylate	Average Percent			< 85.0%																							
3290-92-4	Trimethylolpropane Trimethacrylate	Average Percent			< 25.0%																							
	QUICKSET ACRYLIC POWDER	SOLID	NA	5	POUNDS	ALLIED HI-TECH	1	1	0		NA	Organics		Device & Analysis Lab		X	X			X	X			X		X		X
94-36-0	Benzoyl Peroxide	Average Percent			< 2.0%																							
None Listed	Polyethylmethacrylate	Average Percent			< 99.0%																							
	EDGEMET KIT PART A	LIQUID	1.009	1	QT	BUEHLER	3	0	0		NA	Organics		Device & Analysis Lab	X		X			X	X			X		X	X	
7718-54-9	Nickel chloride	Average Percent			7.5%																							
	EDGEMET KIT PART B	LIQUID	1.010	1	QT	BUEHLER	0	0	1		NA	Organics		Device & Analysis Lab		X	X			X	X			X		X		X
7681-53-0	Sodium hypophosphite	Average Percent			3.0%																							
None Listed	ALPHA MICROPOLISH	LIQUID	1.4	1	QT	BUEHLER	1	0	0		NA	Organics		Device & Analysis Lab		X	X			X	X			X		X		X
None Listed	HIGH VACUUM GREASE (silicone grease)	SEMI SOLID	NA	8	OZ	DOW CORNING	0	1	0		NA	Organics		Device & Analysis Lab		X	X			X	X			X		X		X
	7224 BLACK INK	LIQUID	NA	8	OZ	MARKEM SPECIALTY INKS	3	1	1		NA	Organics		Device & Analysis Lab	X		X			X	X			X		X	X	
1333-86-4	Carbon Black	Average Percent			7.5%																							
8001-78-3	Castor Oil	Average Percent			3.0%																							
50-00-0	Formaldehyde	Average Percent			0.5%																							
85-42-7	Cyclohexane-1,2-dicarboxylic anhydride	Average Percent			3.0%																							
71-36-3	N-butyl alcohol	Average Percent			3.00%																							
126-73-8	Tributyl phosphate	Average Percent			30.0%																							
78-83-1	2-methyl-1-propanol	Average Percent			0.5%																							
None Listed	METAL POLISH	LIQUID	NA	8	OZ	POL	1	0	0		9.5	Organics		Device & Analysis Lab		X	X			X	X			X		X		X
	EDGEMET KIT PRE-CLEAN	LIQUID	1.021	1	QT	BUEHLER	2	0	0		2.3	Acid Solution		Device & Analysis Lab		X	X			X	X			X		X		X
7647-01-0	Hydrochloric acid	Average Percent			< 1.0%																							
7646-78-8	Stannic chloride	Average Percent			< 1.0%																							
7681-52-9	BLEACH	LIQUID	1	1	GALLON	CLOROX CO	1	0	1		13.2	Basic Solution		Facilities Storage		X	X			X	X			X		X		X
	GERMICIDAL CLEANER	LIQUID	1.013	16	OZ	ITW DYMON	1	0	0		11.9	Basic Solution		Facilities Storage		X	X			X	X			X		X		X
7320-34-5	Tetrapotassium Pyrophosphate	Average Percent			3.0%																							
1643-20-5	Lauramide Oxide	Average Percent			3.0%																							
68391-01-5	n-Alkyl dimethyl benzyl ammonium chlorides	Average Percent			1.0%																							
68956-79-6	n-Alkyl dimethyl ethylbenzyl ammonium chlorides	Average Percent			1.0%																							
	BUFFER SOLUTION PH 11	LIQUID	1.000	500	ML	EKI Mnf. Does not have msds available Use Oakton msds	1	0	0		11	Basic Solution		Facilities Storage		X	X			X	X			X		X		X
497-19-8	Sodium Carbonate	Average Percent			< 1.0%																							
144-55-8	Sodium Bicarbonate	Average Percent			< 1.0%																							
	BUFFER SOLUTION PH 4	LIQUID	1.000	500	ML	EKI Mnf. Does not have msds available Use Oakton msds	1	0	0		4	Slightly Acidic Solution		Facilities Storage		X	X			X	X			X		X		X
877-24-7	Potassium Acid Phthalate	Average Percent			1.0%																							
	BUFFER SOLUTION PH 7	LIQUID	1.000	500	ML	EKI Mnf. Does not have msds available Use Oakton msds	1	0	0		7	Neutral Solution		Facilities Storage		X	X			X	X			X		X		X
7558-79-4	Sodium Phosphate, Dibasic	Average Percent			< 1.0%																							
7778-77-0	Potassium Phosphate, Monobasic	Average Percent			< 1.0%																							
	MOBIL XHP222 GREASE	SEMI SOLID	NA	14.1	OZ	EXXONMOBIL	0	1	0		NA	Organics		Facilities Storage		X	X			X	X			X		X		X
Not Listed	Petroleul Nydrocarbons	Average Percent			None Listed																							
68411-46-1	ALKYLATED DIPHENYL AMINES	Average Percent			< 1.0%																							
	TERMITE AND CARPENTER ANT KILLER	LIQUID	1.272	16	OZ	BONIDE	2	3	0		5.5	Organics		Facilities Storage		X	X			X	X			X		X		X
52645-53-1	Permethrin	Average Percent			13.3%																							
None Listed	Peroleum Distillates	Average Percent			None Listed																							
	MOLY GREASE	SEMI SOLID	NA	1	QT	CASTROL	1	1	0		NA	Organics		Facilities Storage		X	X			X	X			X		X		X
64742-65-0	Base oil - highly refined	Average Percent			65.5%																							
8052-42-4	Asphalt	Average Percent			37.5%																							
	RED HOT BLUE GLUE	LIQUID	1.000	1	PT	CHRISTY'S	2	3	1		NA	Organics		Facilities Storage		X	X			X	X			X		X		X
108-94-1	Cyclohexanone	Average Percent			8.0%																							
78-93-3	Methyl Ethyl Ketone	Average Percent			22.5%																							
109-99-9	Tetrahydrofuran	Average Percent			47.5%																							
Not Listed	Polyvinyl Chloride Resin	Average Percent			None Listed																							
	WELDO ON CPVC 2714	SEMI SOLID	1.000	1	QT	IPS	2	3	1		NA	Organics		Facilities Storage		X	X			X	X			X		X		X
108-94-1	Cyclohexanone	Average Percent			None Listed																							

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78-93-3	Methyl Ethyl Ketone	Average Percent			15.0%																								
109-99-9	Tetrahydrofuran	Average Percent			None Listed																								
Not Listed	Polyvinyl Chloride Resin	Average Percent			None Listed																								
	PURE SIGHT LENS CLEANING FLUID	LIQUID	0.965	16	OZ	MAGIC SAFETY PRODUCTS	0	2	0		NA	Organics		Facilities Storage		X	X			X	X			X		X	X	
67-63-0	Isopropyl Alcohol	Average Percent		12																									
5131-66-8	2-Propanol- 1-Butoxy Glycol Ether	Average Percent		4																									
15821-83-7	1-Propanol- 2 Butoxy Glycol Ether	Average Percent		3																									
3088-31-1	Alcohol Ethoxy Sulfate	Average Percent		4																									
	FLYING INSECT	LIQUID	0.860	16	OZ	RAID	1	4	0		NA	Organics		Facilities Storage		X	X			X	X			X		X		X
106-97-8	BUTANE	Average Percent			7.5%																								
64742-47-8	PETROLEUM DISTILLATES	Average Percent			7.5%																								
74-98-6	PROPANE	Average Percent			7.5%																								
75-28-5	ISOBUTANE	Average Percent			7.5%																								
7696-12-0	TETRAMETHRIN	Average Percent			0.35%																								
52645-53-1	PERMETHRIN	Average Percent			0.1%																								
7632-00-0	SODIUM NITRITE	Average Percent			0.1%																								
584-79-2	D-ALLETHRIN	Average Percent			0.1%																								
	WASP AND HORNET	LIQUID	0.810	16	OZ	RAID	1	2	0		NA	Organics		Facilities Storage		X	X			X	X			X		X		X
64742-47-8	PETROLEUM DISTILLATES	Average Percent			94.0%																								
74-98-6	PROPANE	Average Percent			7.5%																								
124-38-9	CARBON DIOXIDE	Average Percent			3.0%																								
7696-12-0	TETRAMETHRIN	Average Percent			0.2%																								
52645-53-1	PERMETHRIN	Average Percent			0.2%																								
	YARD GUARD	LIQUID	0.830	16	OZ	RAID	1	4	0		NA	Organics		Facilities Storage		X	X			X	X			X		X	X	
106-97-8	BUTANE	Average Percent			15.0%																								
64742-47-8	PETROLEUM DISTILLATES	Average Percent			3.0%																								
7632-00-0	SODIUM NITRITE	Average Percent			< 1.0%																								
74-98-6	PROPANE	Average Percent			7.5%																								
75-28-5	ISOBUTANE	Average Percent			7.5%																								
52645-53-1	PERMETHRIN	Average Percent			0.1%																								
584-79-2	D-ALLETHRIN	Average Percent			0.14%																								
	DRI ALL PURPOSE PENETRANT	LIQUID	0.74	16	OZ	STATE CHEMICAL	2	4	0		NA	Organics		Facilities Storage		X	X			X	X			X		X		X
106-97-8	Butane	Average Percent			< 7.0%																								
74-98-6	Propane	Average Percent			< 12.0%																								
64742-88-7	Mineral Spirits	Average Percent			< 35.0%																								
64742-47-8	Heavy Aliphatic Solvent	Average Percent			< 37.0%																								
64742-65-0	Petroleum Lubricating Oil	Average Percent			< 15.0%																								
57855-77-3	Calcium Dinonylnaphthalene Sulfonate	Average Percent			< 3.0%																								
	CHAIN AND CABLE LUBRICANT	LIQUID	0.865	15	OZ	UNISOURCE	1	1	0		NA	Organics		Facilities Storage		X	X			X	X			X		X		X
8042-47-5	White Mineral Oil	Average Percent			7.0%																								
Not Listed	Olefin Polymer	Average Percent			12.0%																								
Not Listed	Lithium Grease	Average Percent			35.0%																								
64741-88-4	Dipropylene Glycol Butyl Ether	Average Percent			37.0%																								
68476-85-7	Liquified Petroleum Gas	Average Percent			15.0%																								
7439-97-6	MERCURY	LIQUID	13.59	100	GRAMS	FISCHER SCIENTIFIC	3	0	0		NA	Keep away from acids		GaN Lab	X		X			X	X			X		X		X
	MERCURY ABSORB	SOLID		100	GRAMS	LAB SAFETY SUPPLIES	1	0	0		NA	Keep away from acids		GaN Lab		X	X			X	X			X		X		X
7440-66-6	Zinc Powder	Average Percent			95%																								
77-92-9	Citric Acid	Average Percent			5%																								
7704-34-9	SULFUR POWDER	SOLID		500	GRAMS	SIGMA ALDRICH	2	1	0		NA	Flammable		GaN Lab		X	X			X	X			X		X		X
74-98-6	PROPANE FUEL	LIQUID	NA	8	GALLON	VARIOUS	3	4	0		NA	Organics		Outside ERT Room		X	X		X		X			X		X	X	
	ULTRA WHITE LATEX PAINT	LIQUID	1.437	5	GALLON	BEHR	1	1	1		9	Organics		Wood Shop	X		X			X	X			X		X		X
None Listed	Styrene/Acrylic co-polymer	Average Percent			3.0%																								
112926-00-8	Silica	Average Percent			3.0%																								
None Listed	Polyethylene Glycol	Average Percent			3.0%																								
21645-51-2	Aluminum Hydroxide	Average Percent			3.0%																								
None Listed	Acrylic Copolymer	Average Percent			20.0%																								
25265-77-4	propanoic acid,	Average Percent			3.0%																								
107-21-1	Ethylene Glycol Monobutyl Ether	Average Percent			3.00%																								
13463-67-7	Titanium dioxide	Average Percent			20.0%																								
	PAINT THINNER	LIQUID	0.786	1	GALLON	BORTZ	2	2	0		NA	Organics		Wood Shop		X	X			X	X			X		X		X
64742-88-7	Medium Aliphatic Solvent, Mineral Spirits, Naphtha	Average Percent			93.0%																								
64742-95-6	Light Aromatic Solvent Naphtha	Average Percent			7.00%																								
25551 13-7	Trimethylbenzene	Average Percent			4.5%																								
	WATER BASED POLYURETHANE COATINGS	LIQUID	0.98	1	QT	DEFT	2	1	1		>8	Organics		Wood Shop	X		X			X	X			X		X		X

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Not Listed	WATERBORNE URETHANE	Average Percent			27.5%																								
872-50-4	N-METHYLPYRROLIDONE	Average Percent			5.0%																								
121-44-8	TRIETHYLAMINE	Average Percent			1.0%																								
	POLYURETHANE COATINGS	LIQUID	0.98	1	QT	DEFT	2	3	0		NA	Organics		Wood Shop		X	X			X	X			X		X		X
64742-88-7	Medium Aliphatic Solvent, Mineral Spirits, Naphtha	Average Percent			50.0%																								
	LATEX PAINT	LIQUID	1.25	1	GALLON	DELUX	2	2	1		NA	Organics		Wood Shop	X		X			X	X			X		X		X
111-46-6	diethylene glycol	Average Percent			3.0%																								
1317-65-3	Limestone	Average Percent			7.5%																								
13463-67-7	Titanium dioxide	Average Percent			15.0%																								
14808-60-7	quartz	Average Percent			15.0%																								
25067-01-0	2-propenoic acid	Average Percent			15.0%																								
25265-77-4	propanoic acid,	Average Percent			3.0%																								
25852-37-3	2-propenoic acid	Average Percent			25.0%																								
37244-96-5	feldspar-type minerals	Average Percent			15.0%																								
None Listed	LATEX PAINT	LIQUID	1.25	5	GALLON	DUN EDWARD	1	0	0		NA	Organics		Wood Shop		X	X			X	X			X		X		X
None Listed	430-TILE ADHESIVE	SEMI SOLID		1	GALLON	HENREYS	1	1	0		NA	Organics		Wood Shop		X	X			X	X			X		X		X
	PRIMER	LIQUID	1.102	1	GALLON	KILZ PRIMER	2	0	0		NA	Organics		Wood Shop		X	X			X	X			X		X		X
107-21-1	Ethylene Glycol Monobutyl Ether	Average Percent			2.87%																								
13463-67-7	Titanium dioxide	Average Percent			20.0%																								
1317-65-3	Calcium Carbonate	Average Percent			17.5%																								
	THINNER	LIQUID	0.78	1	GALLON	KLEAN STRIP	1	2	0		NA	Organics		Wood Shop		X	X			X	X			X		X		X
8052-41-3	Stoddard solvent (Mineral spirits; Aliphatic Petroleum Distillates)	Average Percent			100.0%																								
	SPRAY PAINT	LIQUID	0.79	16	OZ	KRYLON	2	3	1		NA	Organics		Wood Shop	X		X			X	X			X		X	X	
74-98-6	Propane	Average Percent			15.0%																								
106-97-8	Butane	Average Percent			7.0%																								
64742-89-8	V. M. & P. Naphtha	Average Percent			5.0%																								
108-88-3	Toluene	Average Percent			10.0%																								
100-41-4	Ethylbenzene	Average Percent			0.5%																								
1330-20-7	Xylene	Average Percent			3.0%																								
67-64-1	Acetone	Average Percent			37.0%																								
108-10-1	Methyl Isobutyl Ketone	Average Percent			5.0%																								
13463-67-7	Titanium dioxide	Average Percent			0.4%																								
	WOOD FINISH VARIOUS COLORS	LIQUID	0.79	1	QT	MINWAX	2	2	0		NA	Organics		Wood Shop	X		X			X	X			X		X		X
64742-88-7	Medium Aliphatic Solvent, Mineral Spirits, Naphtha	Average Percent			53.0%																								
64741-65-7	Mineral Spirits (Odorless)	Average Percent			4.5%																								
64742-52-5	Heavy Naphthenic Petroleum Oil.	Average Percent			7.5%																								
64742-53-6	Highly refined Naphthenic Oil	Average Percent			7.5%																								
14807-96-6	Talc	Average Percent			1.0%																								
13463-67-7	Titanium dioxide	Average Percent			2.0%																								
1333-86-4	Carbon Black	Average Percent			0.4%																								
	LATEX PAINT	LIQUID	1.17	1	GALLON	PPG MANOR HALL	2	1	0		NA	Organics		Wood Shop	X		X			X	X			X		X		X
107-21-1	Ethylene Glycol Monobutyl Ether	Average Percent			1.0%																								
13463-67-7	Titanium dioxide	Average Percent			20.0%																								
29911-28-2	1-(2-butoxy-1-methylethoxy)propan-2-ol	Average Percent			2.5%																								
26530-20-1	octhilinone (ISO)	Average Percent			0.5%																								
	ENAMEL PAINT	LIQUID	1.047	1	QT	RUSTOLEUM	2	2	0		NA	Organics		Wood Shop	X		X			X	X			X		X		X
64742-88-7	Medium Aliphatic Solvent, Mineral Spirits, Naphtha	Average Percent			55.0%																								
14807-96-6	Magnesium Silicate	Average Percent			25.0%																								
13463-67-7	Titanium dioxide	Average Percent			20.0%																								
1332 -58-7	Calcined Aluminum Silicate	Average Percent			20.0%																								
1333 -86-4	Pigment Black 7	Average Percent			5.0%																								
1344 -28-1	Aluminum Oxide	Average Percent			5.0%																								
14808-60-7	Quartz (Crystalline Silica)	Average Percent			1.0%																								
100-41 -4	Ethylbenzene	Average Percent			1.0%																								
	LATEX PAINT	LIQUID	1	1	GALLON	SPECTRUM PAINT & SEALER	1	1	0		NA	Organics		Wood Shop	X		X			X	X			X		X		X
107-21-1	Ethylene Glycol Monobutyl Ether	Average Percent			5.0%																								
13463-67-7	Titanium dioxide	Average Percent			25.00%																								
	THINNER	LIQUID	0.769	1	GALLON	SUNNYSIDE	1	2	0		NA	Organics		Wood Shop	X		X			X	X			X		X		X
64742-88-7	Medium Aliphatic Solvent, Mineral Spirits, Naphtha	Average Percent			100.0%																								
	WOOD FINISH VARIOUS COLORS	LIQUID	0.79	1	QT	WATCO	2	2	0		NA	Organics		Wood Shop	X		X			X	X			X		X		X
64742-88-7	Medium Aliphatic Solvent, Mineral Spirits, Naphtha	Average Percent			51.2%																								
8052-41-3	Stoddard Solvent	Average Percent			0.78%																								
8001-26-1	Linseed Oil	Average Percent			Not Listed																								
13463-67-7	Titanium Dioxide	Average Percent			Not Listed																								
	WD4O	LIQUID	0.832	16	OZ	WD40	2	2	0		NA	Organics		Wood Shop		X	X			X	X			X		X		X
8052-41-3	Aliphatic Petroleum Distillates	Average Percent			47.5%																								
64742-65-0	Petroleum Base Oil	Average Percent			32.5%																								
64742-47-8	LVP Hydrocarbon Fluid	Average Percent			15.0%																								
	CONTACT CEMENT NON-FLAMMABLE	LIQUID	1.1	1	GALLON	WELDWOOD	1	2	0		NA	Organics			X		X			X	X			X		X		X
108-88-3	Toluene	Average Percent			2.5%																								
Not Listed	Carbamide	Average Percent			2.5%																								
	GERMICIDAL CLEANER	LIQUID	1.013	16	OZ	ITW DYMON	1	0	0		11.9	Basic Solution		Wood Shop		X	X			X	X			X		X		X
7320-34-5	Tetrapotassium Pyrophosphate	Average Percent			3.0%																								
1643-20-5	Lauramide Oxide	Average Percent			3.0%																								
68391-01-5	n-Alkyl dimethyl benzyl ammonium chlorides	Average Percent			1.0%																								
68956-79-6	n-Alkyl dimethyl ethylbenzyl ammonium chlorides	Average Percent			1.0%																								

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	5:1 MIXED ACID ETCH	LIQUID	1.3	1	GALLON	KMG	3	0	1		1	Oxidizing Acid-Nitric		Chemical Storage Area		X	X			X	X		X		X		X	
7697-37-2	Nitric Acid	Average Percent			65%																							
7664-39-3	Hydrofluoric Acid	Average Percent			7.5%																							
	PIC II PRE-MIX POLY ETCH	LIQUID	1.3	1	GALLON	FUJI FILM	3	0	0		1	Oxidizing Acid-Nitric		Chemical Storage Area		X	X		X		X		X		X		X	
7697-37-2	Nitric Acid	Average Percent			50%																							
12125-01-8	Ammonium fluoride	Average Percent			3%																							
	CLASS 10 NITRIC ACID	LIQUID	1.42	7	POUNDS	GENERAL CHEMICAL	3	0	1		< 1	Oxidizing Acid-Nitric		Chemical Storage Area		X	X			X	X		X		X		X	
7697-37-2	Nitric Acid	Average Percent			70%																							
	FRECKLE ETCH	LIQUID	1.6	1	GALLON	FUJI FILM	3	0	0		< 2	Acid Solution		Chemical Storage Area		X	X		X		X		X		X		X	
7664-38-2	Phoshoric Acid	Average Percent			75%																							
64-19-7	Acetic Acid	Average Percent			10%																							
7697-37-2	Nitric Acid	Average Percent			3%																							
	HYDROFLUORIC ACID 50:1	LIQUID	1.153	1	GALLON	FUJI FILM	3	0	0		< 2	Acid Solution		Chemical Storage Area		X	X			X	X		X		X		X	
7664-39-3	Hydrofluoric Acid	Average Percent			8%																							
	HYDROFLUORIC ACID 100:1	LIQUID	1.153	1	GALLON	FUJI FILM	3	0	0		< 2	Acid Solution		Chemical Storage Area		X	X			X	X		X		X		X	
7664-39-3	Hydrofluoric Acid	Average Percent			0.5%																							
	PHOSPHORIC ACID	LIQUID	1.84	1	GALLON	GENERAL CHEMICAL	3	0	0		1.5	Acid Solution		Chemical Ctorage Area		X	X			X	X		X		X		X	
7664-38-2	Phosphoric Acid	Average Percent			86%																							
	SULFURIC ACID	LIQUID	1.84	55	GALLON	GENERAL CHEMICAL	3	0	0	W	0.3	Acid Solution		Chemical Storage Area		X	X		X		X		X		X		X	
7664-93-9	Sulfuric Acid	Average Percent			98%																							
	SULFURIC ACID	LIQUID	1.84	1	GALLON	GENERAL CHEMICAL	3	0	0	W	0.3	Acid Solution		Chemical Storage Area		X	X		X		X		X		X		X	
7664-93-9	Sulfuric Acid	Average Percent			98%																							
	HYDROFLUORIC ACID 10:1	LIQUID	1.153	55	GALLON	GENERAL CHEMICAL	3	0	0		< 2	Acid Solution		Chemical Storage Area		X	X			X	X		X		X		X	
7664-39-3	Hydrofluoric Acid	Average Percent			5%																							
	ULTRA ETCH LFE 600 NP	LIQUID	1.1	1	GALLON	KMG	3	0	0		2	Acid Solution		Chemical Storage Area		X	X		X		X		X		X		X	
12125-01-8	Ammonium fluoride	Average Percent			25%																							
7664-39-3	Hydrofluoric Acid	Average Percent			5%																							
	ALUMINUM ETCH W/SURFACTANT	LIQUID	1.57	1	GALLON	KMG	3	0	0		< 1	Acid Solution		Chemical Storage Area		X	X		X		X		X		X		X	
7664-38-2	Phoshoric Acid	Average Percent			75%																							
64-19-7	Acetic Acid	Average Percent			8%																							
7697-37-2	Nitric Acid	Average Percent			3%																							
	NANOSTRIP	LIQUID	1.83	1	GALLON	OMG CYANOTEK	3	0	0	W	< 1	Acid Solution		Chemical Storage Area		X	X		X		X		X		X		X	
7664-93-9	Sulfuric Acid	Average Percent			90%																							
7722-86-3	Peroxymonosulfuric acid	Average Percent			5%																							
7722-84-1	Hydrogen Peroxide	Average Percent			90%																							
	HYDROCHLORIC ACID	LIQUID	1.2	1	GALLON	GENERAL CHEMICAL	3	0	1		1.1	Acid Solution		Chemical Storage Area		X	X		X		X			X		X	X	
7647-01-0	Hydrochloric Acid	Average Percent			37%																							
	HYDROCHLORIC ACID	LIQUID	1.2	55	GALLON	GENERAL CHEMICAL	3	0	1		1.1	Acid Solution		Chemical Storage Area		X	X		X		X			X		X	X	
7647-01-0	Hydrochloric Acid	Average Percent			37%																							
	HYDROFLUORIC ACID 49%	LIQUID	1.2	55	GALLON	GENERAL CHEMICAL	3	0	0		< 1	Acid Solution		Chemical Storage Area		X	X		X		X		X		X		X	
7664-39-3	Hydrofluoric Acid	Average Percent			49%																							
	HYDROFLUORIC ACID 49%	LIQUID	1.2	1	GALLON	GENERAL CHEMICAL	3	0	0		< 1	Acid Solution		Chemical Storage Area		X	X		X		X		X		X		X	
7664-39-3	Hydrofluoric Acid	Average Percent			49%																							
75-59-2	MF-321 DEVELOPER (Teramethylammonium-2%, 95% H20)	LIQUID	1.001	55	GALLON	RHOM HAAS	3	0	0		13	Basic Solution		Chemical Storage Area		X	X		X		X			X		X		X
7664-41-7	AMMONIUM HYDROXIDE 28-30%	LIQUID	0.9	55	GALLON	GENERAL CHEMICAL	3	0	0		11.6	Basic Solution		Chemical Storage Area		X	X		X		X			X		X	X	
7664-41-7	AMMONIUM HYDROXIDE 28-30%	LIQUID	0.9	1	GALLON	GENERAL CHEMICAL	3	0	0		11.6	Basic Solution		Chemical Storage Area		X	X		X		X			X		X	X	
1310-58-3	POTASSIUM HYDROXIDE	SOLID	NA	12	KILOGRAM	SPECTRUM CHEMICAL	3	0	1		13	Basic Solid		Chemical Storage Area		X	X			X	X			X		X	X	
75-59-2	MF-321 DEVELOPER (Teramethylammonium-2%, 95% H20)	LIQUID	1.001	55	GALLON	RHOM HAAS	3	0	0		13	Basic Solution		Chemical Storage Area		X	X		X		X			X		X		X
75-59-2	MF-321 DEVELOPER (Teramethylammonium-2%, 95% H20)	LIQUID	1.001	1	GALLON	RHOM HAAS	3	0	0		13	Basic Solution		Chemical Storage Area		X	X		X		X			X		X		X
7722-84-1	HYDROGEN PEROXIDE 30%	LIQUID	1.11	55	GALLON	GENERAL CHEMICAL	3	2	0	OX	3.5	Oxidizer		Chemical Storage Area		X	X		X		X			X		X		X

CAS No.	Chemical Name	Physical State	Specific Gravity	Container Size	Container UOM	Manufacturer	Material N.F.P.A. Rating H	F	R	S	pH	Segregation Profile	Compatability Index	Storage Location	Subject to Prop 65 Yes	Subject to Prop 65 No	MSDS Online Yes	MSDS Online No	Include in HMBP Yes	Include in HMBP No	Included on TSCA Listing Yes	Included on TSCA Listing No	Subject to EPCRA 302 Yes	Subject to EPCRA 302 No	Subject to EPCRA 304 Yes	Subject to EPCRA 304 No	Subject to CERCLA Yes	Subject to CERCLA No
7722-84-1	HYDROGEN PEROXIDE 30%	LIQUID	1.11	1	GALLON	GENERAL CHEMICAL	3	2	0	OX	3.5	Oxidizer		Chemical Storage Area		X	X		X		X			X		X		X
	EKC 830 POSISTRIP	LIQUID	1.10	1	GALLON	EKC TECHNOLOGY	2	1	0		NA	Organics		Chemical Storage Area	X		X		X		X			X		X		X
872-50-4	N-Methylpyrrlidone	Average Percent			None Listed																							
929-06-6	2-Amiono ethoxy ethanol	Average Percent			None Listed																							
67-63-0	CLASS 10 ISOPROPYL ALCOHOL	LIQUID	0.785	1	GALLON	GENERAL CHEMICAL	1	3	0		NA	Organics		Chemical Storage Area		X	X			X	X			X		X		X
67-56-1	METHANOL	LIQUID	0.793	1	GALLON	GENERAL CHEMICAL	1	3	0		NA	Organics		Chemical Storage Area		X	X			X	X			X		X	X	
872-50-4	NMP (1-Methyl-2-pyrrolidone)	LIQUID	1.03	1	GALLON	GENERAL CHEMICAL	2	2	0		NA	Organics		Chemical Storage Area		X	X			X	X			X		X	X	
67-64-1	ACETONE	LIQUID	0.79	1	GALLON	GENERAL CHEMICAL	1	3	0		NA	Organics		Chemical Storage Area		X	X			X	X			X		X	X	
	PAD ETCH 4	LIQUID	1.056	1	GALLON	KMG	3	2	0		2	Organic Acid		Chemical Storage Area		X	X		X		X		X		X		X	
64-19-7	Acetic Acid	Average Percent			35%																							
12125-01-8	Ammonium fluoride	Average Percent			15%																							
57-55-6	Propylene Glycol	Average Percent			8%																							
97-64-3	EC-11 SOLVENT (Ethyl Lactate)	LIQUID	1.04	1	GALLON	RHOM HAAS	3	2	0		NA	Organics		Chemical Storage Area		X	X		X		X			X		X		X
	SYSTEM 818	LIQUID	1.074	2.5	GALLON	RHOM HAAS	2	2	0		NA	Organics		Chemical Storage Area		X	X			X	X			X		X		X
97-64-3	Ethyl Lactate	Average Percent			43%																							
NA	Cresol Novolak Resin	Average Percent			25%																							
100-66-3	anisole	Average Percent			22%																							
624-41-9	2-Methyl Butyl Acetate	Average Percent			3.0%																							
1319-77-3	Creosol	Average Percent			<1%																							
628-63-7	n-amyl acetate	Average Percent			6%																							
	SYSTEM 815	LIQUID	1.074	2.5	GALLON	RHOM HAAS	2	2	0		NA	Organics		Chemical Storage Area		X	X			X	X			X		X		X
97-64-3	Ethyl Lactate	Average Percent			43%																							
NA	Cresol Novolak Resin	Average Percent			25%																							
100-66-3	anisole	Average Percent			22%																							
624-41-9	2-Methyl Butyl Acetate	Average Percent			2.5%																							
1319-77-3	Creosol	Average Percent			<1%																							
628-63-7	n-amyl acetate	Average Percent			6%																							
69991-67-9	GALDEN-DET (1-Propene, 1,1,2,3,3,3-hexafluoro-, oxidized, polymd)	LIQUID	1.7	1	GALLON	SOLVAY SOLEXIS	1	0	0		NA	Organic Perflouro-carbon		Chemical Storage Area		X	X			X	X			X		X		X
69991-67-9	GALDEN D-03 (1-Propene, 1,1,2,3,3,3-hexafluoro-, oxidized, polymd)	LIQUID	1.79	1	GALLON	SOLVAY SOLEXIS	1	0	0		NA	Organic Perflouro-carbon		Chemical Storage Area		X	X			X	X			X		X		X
	SULFURIC ACID	LIQUID	1.84	15	GALLONS	CHEM PRO LABS	3	0	0	W	0.3	Acid Solution		Mechanical Room		X	X		X		X		X		X		X	
7664-93-9	Sulfuric Acid	Average Percent			98%																							
	CHEM PRO 3160	LIQUID	1.1	10	GALLON	CHEM PRO LABS	1	0	0		10.5	Basic Solution		Mechanical Room		X	X		X		X			X		X		X
7631950	Molybdenum	Average Percent			1.74%																							
75-69-4	FREON R11 Trichlorofluoromethane Compressed Liquid in Chiller	LIQUID		640	GALLONS	AIR PRODUCTS	2	0	0		NA	Gas		Mechanical Room		X	X		X		X						X	
811-97-2	Freon 134a Tetrafluorethane Compressed Liquid in Chiller	LIQUID		840	GALLONS	Various Vendors	2	1	0		NA	Gas		Mechanical Room		X	X		X		X						X	
	SODIUM HYDROXIDE PELLETS	LIQUID	NA	50	Pound	GENERAL CHEMICAL	3	0	1		Caustic	Basic Solid		Outside by Water Treatment area		X	X		X		X			X		X	X	
1310-73-2	Sodium Hydroxide	Average Percent			97%																							
	SODIUM HYDROXIDE SOLUTION	LIQUID	1.2	200	GALLON	GENERAL CHEMICAL	3	0	1		>12.5	Basic Solution		Outside by Water Treatment area		X	X		X		X			X		X	X	
1310-73-2	Sodium Hydroxide	Average Percent			25%																							

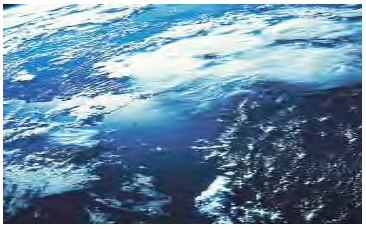
CAS No.	Chemical Name	Physical State	Specific Gravity	Container Size	Container UOM	Manufacturer	NFPA Rating H	NFPA Rating F	NFPA Rating R	NFPA Rating S	pH	Segregation Profile	Compatability Index	Current Storage Location
	PIC II PRE-MIX POLY ETCH	LIQUID	1.3	1	GALLON	FUJI FILM	3	0	0		1	Oxidizing Acid-Nitric		Pad 2 C
7697-37-2	Nitric Acid	Average Percent			50%									
12125-01-8	Ammonium fluoride	Average Percent			3%									
	CLASS 10 NITRIC ACID	LIQUID	1.42	7	POUNDS	GENERAL CHEMICAL	3	0	1		< 1	Oxidizing Acid-Nitric		Pad 3 C
7697-37-2	Nitric Acid	Average Percent			70%									
	Chrome Etch	LIQUID	1.2	1	GALLON	FUJI FILM	3	0	1		< 2	Acid		B1
16774-21-3	Ceric ammonium nitrate	Average Percent			15%									
7697-37-2	Nitric Acid	Average Percent			5%									
	FRECKLE ETCH	LIQUID	1.6	1	GALLON	FUJI FILM	3	0	0		< 2	Acid		B1
7664-38-2	Phoshoric Acid	Average Percent			75%									
64-19-7	Acetic Acid	Average Percent			10%									
7697-37-2	Nitric Acid	Average Percent			3%									
	HYDROFLUORIC ACID 50:1	LIQUID	1.153	1	GALLON	FUJI FILM	3	0	0		< 2	Acid		Pad 2 B
7664-39-3	Hydrofluoric Acid	Average Percent			8%									
	PHOSPHORIC ACID	LIQUID	1.685	1	GALLON	GENERAL CHEMICAL	3	0	0		1.5	Acid		B1
7664-38-2	Phoshoric Acid	Average Percent			86%									
	SULFURIC ACID	LIQUID	1.84	55	GALLON	GENERAL CHEMICAL	3	0	0	W	0.3	Acid		Drum Skid # 1-4
7664-93-9	Sulfuric Acid	Average Percent			98%									
	SULFURIC ACID	LIQUID	1.84	1	GALLON	GENERAL CHEMICAL	3	0	0	W	0.3	Acid		Pad 2 A
7664-93-9	Sulfuric Acid	Average Percent			98%									
	HYDROFLUORIC ACID 10:1	LIQUID	1.153	55	GALLON	GENERAL CHEMICAL	3	0	0		< 2	Acid		Pad 3 D
7664-39-3	Hydrofluoric Acid	Average Percent			5%									
	HYDROFLUORIC ACID 49%	LIQUID	1.2	1	GALLON	GENERAL CHEMICAL	3	0	0		< 1	Acid		B1
7664-39-3	Hydrofluoric Acid	Average Percent			49%									
	HYDROCHLORIC ACID	LIQUID	1.19	1	GALLON	GENERAL CHEMICAL	3	0	1		1.1	Acid		B1
7647-01-0	Hydrochloric Acid	Average Percent			37%									
	HYDROCHLORIC ACID	LIQUID	1.19	55	GALLON	GENERAL CHEMICAL	3	0	1		1.1	Acid		Not in Area
7647-01-0	Hydrochloric Acid	Average Percent			37%									
	ULTRA ETCH LFE 600 NP	LIQUID	1.1	1	GALLON	KMG	3	0	0		2	Acid		Pad 1 A
12125-01-8	Ammonium fluoride	Average Percent			25%									
7664-39-3	Hydrofluoric Acid	Average Percent			5%									
	ALUMINUM ETCH W/SURFACTANT	LIQUID	1.57	1	GALLON	KMG	3	0	0		< 1	Acid		Pad 1 C
7664-38-2	Phoshoric Acid	Average Percent			75%									
64-19-7	Acetic Acid	Average Percent			8%									
7697-37-2	Nitric Acid	Average Percent			3%									
	NANOSTRIP	LIQUID	1.83	1	GALLON	OMG CYANOTEK	3	0	0	W	< 1	Acid		Pad 3 B
7664-93-9	Sulfuric Acid	Average Percent			90%									
7722-86-3	Peroxymonosulfuric acid	Average Percent			5%									
7722-84-1	Hydrogen Peroxide	Average Percent			90%									
	Wright Etch Pt A	LIQUID	1.056	1	GALLON	KMG	3	0	1		2	Dillute Organic Acid		B1
64-19-7	Acetic Acid	Average Percent			35%									
7664-39-3	Hydrofluoric Acid	Average Percent			18%									
7697-37-2	Nitric Acid	Average Percent			18%									
	Wright Etch Pt B	LIQUID	1.056	1	GALLON	KMG	3	0	1		2	Dillute Oxidizing Acid		B1
7738-94-5	Chromic acid	Average Percent			10%									
3251-23-8	Copper(II) Nitrate	Average Percent			3%									
	PAD ETCH 4	LIQUID	1.056	1	GALLON	KMG	3	2	0		2	Organic Acid		Pad 1 C
64-19-7	Acetic Acid	Average Percent			35%									
12125-01-8	Ammonium fluoride	Average Percent			15%									
57-55-6	Propylene Glycol	Average Percent			8%									
	EKC 830 POSISTRIP	LIQUID	1.10	1	GALLON	EKC TECHNOLOGY	3	2	0		NA	Organics		Y1
872-50-4	N-Methylpyrrlidone													
929-06-6	2-Amiono ethoxy ethanol													
67-63-0	CLASS 10 ISOPROPYL ALCOHOL	LIQUID	0.785	1	GALLON	GENERAL CHEMICAL	1	3	0		NA	Organics		Flammable Room Pad 2, Y3
67-56-1	METHANOL	LIQUID	0.793	1	GALLON	GENERAL CHEMICAL	1	3	0		NA	Organics		Flammable Room Pad 1, Y3
872-50-4	NMP (1-Methyl-2-pyrrolidone)	LIQUID	1.03	1	GALLON	GENERAL CHEMICAL	2	2	0		NA	Organics		Flammable Room Pad 2, Y2, Y3
107-21-1	Ethylene Glycol	LIQUID	1.16	1	GALLON	GENERAL CHEMICAL					NA	Organics		Not In Area
67-64-1	ACETONE	LIQUID	0.79	1	GALLON	GENERAL CHEMICAL	1	3	0		NA	Organics		Flammable Room Pad 1, Y2,
97-64-3	EC-11 SOLVENT (Ethyl Lactate)	LIQUID	1.04	1	GALLON	RHOM HAAS	3	2	0		NA	Organics		Y2
	SYSTEM 818	LIQUID	1.074	2.5	GALLON	RHOM HAAS	2	2	0		NA	Organics		Not In Area
97-64-3	Ethyl Lactate	Average Percent			43%									
NA	Cresol Novolak Resin	Average Percent			25%									
100-66-3	anisole	Average Percent			22%									
624-41-9	2-Methyl Butyl Acetate	Average Percent			3.0%									

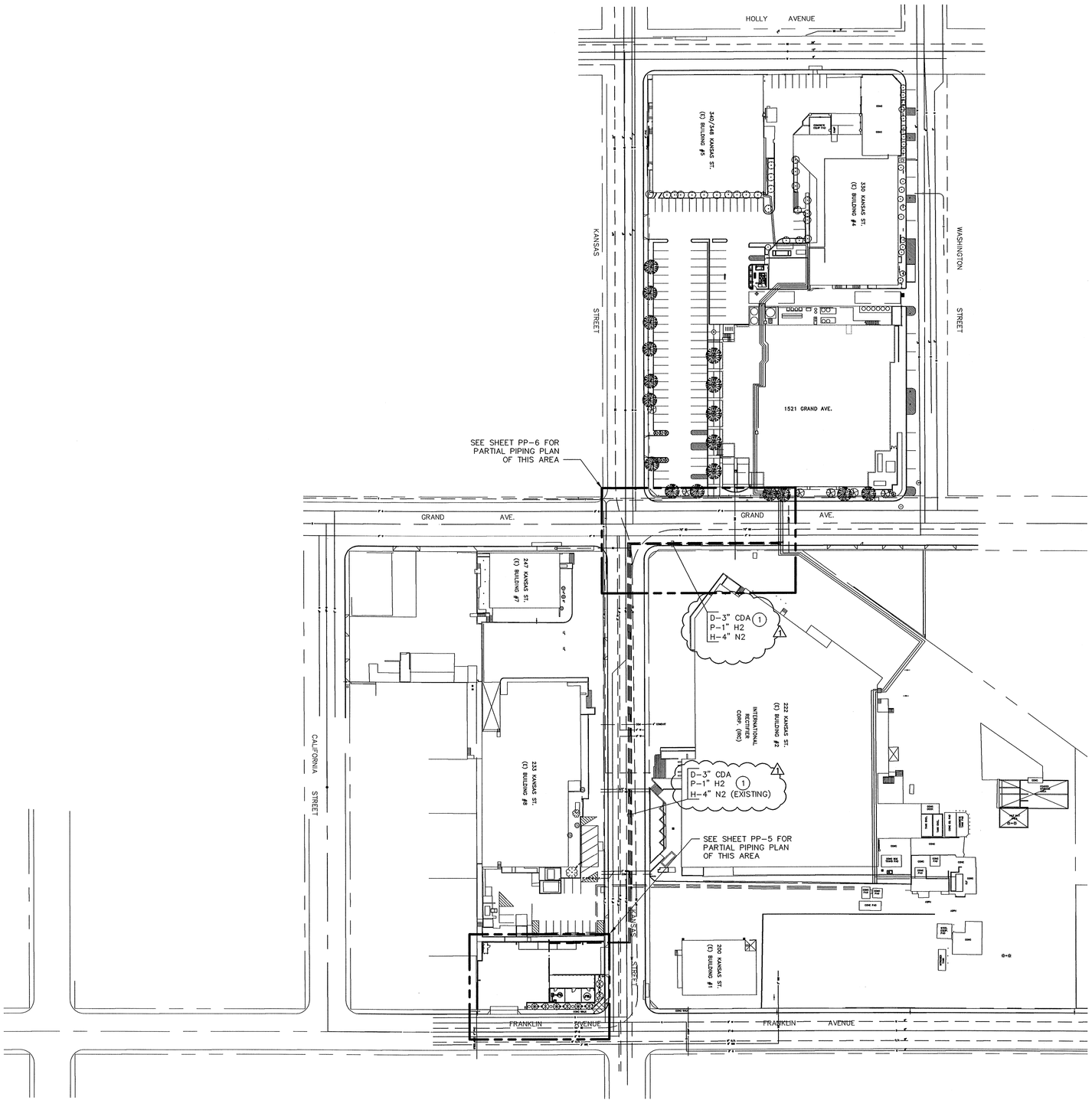
1319-77-3	Creosol	Average Percent		<1%										
628-63-7	n-amyl acetate	Average Percent		6%										
	SYSTEM 815	LIQUID	1.074	2.5	GALLON	RHOM HAAS	2	2	0		NA	Organics		Y3
97-64-3	Ethyl Lactate	Average Percent		43%										
NA	Cresol Novolak Resin	Average Percent		25%										
100-66-3	anisole	Average Percent		22%										
624-41-9	2-Methyl Butyl Acetate	Average Percent		2.5%										
1319-77-3	Creosol	Average Percent		<1%										
628-63-7	n-amyl acetate	Average Percent		6%										
69991-67-9	GALDEN-DET (1-Propene, 1,1,2,3,3,3-hexafluoro-, oxidized, polymd)	LIQUID	1.7	1	GALLON	SOLVAY SOLEXIS	1	0	0		NA	Organic Perflourocarbon		Not In Area
69991-67-9	GALDEN D-03 (1-Propene, 1,1,2,3,3,3-hexafluoro-, oxidized, polymd)	LIQUID	1.79	1	GALLON	SOLVAY SOLEXIS	1	0	0		NA	Organic Perflourocarbon		Not In Area
999-97-3	Hexamethyldisilazane	LIQUID	NA	0.25	GALLON	CLARIANT	1	3	1		NA	Flammable Corrosive		Flammable Room Pad 2, Y2,
7722-84-1	HYDROGEN PEROXIDE 30%	LIQUID	1.11	55	GALLON	GENERAL CHEMICAL	3	2	0	OX	3.5	Oxidizer		Drum Skid # 6 & #5
7722-84-1	HYDROGEN PEROXIDE 30%	LIQUID	1.11	1	GALLON	GENERAL CHEMICAL	3	2	0	OX	3.5	Oxidizer		Pad 3 A
7664-41-7	AMMONIUM HYDROXIDE 28-30%	LIQUID	0.9	1	GALLON	GENERAL CHEMICAL	3	0	0		11.6	Basic Solution		Y1
75-59-2	MF-321 DEVELOPER (Teramethylammonium-2%, 95% H20)	LIQUID	1.001	55	GALLON	RHOM HAAS	3	0	0		13	Basic Solution		Drum Skid # 7 & # 8
75-59-2	MF-321 DEVELOPER (Teramethylammonium-2%, 95% H20)	LIQUID	1.001	1	GALLON	RHOM HAAS	3	0	0		13	Basic Solution		Y2 & Flammable Room Pad 4
75-59-2	MF-319 DEVELOPER (Teramethylammonium-2%, 95% H20)	LIQUID	1.001	1	GALLON	RHOM HAAS	3	0	0		13	Basic Solution		Not In Area
1310-58-3	POTASSIUM HYDROXIDE	SOLID	NA	12	KILOGRAM	SPECTRUM CHEMICAL	3	0	1		13	Basic Solid		Not In Area

INTERNATIONAL RECTIFIER EL SEGUNGO, CA
LIST OF HAZARDOUS CHEMICALS USED AT 348 KANSAS FACILITY

Max Amt./Day	Chemical Name	CAS Number	PS	Container Size	Container UOM	Container Type	Manufacturer	N.F.P.A. Rating H	F	R	S	Storage & Location	MSDS Online Yes	MSDS Online No	Include in HMBP Yes	Include in HMBP No	Subject to Prop 65 Yes	Subject to Prop 65 No	Included on TSCA Listing Yes	Included on TSCA Listing No	Subject to EPCRA 302 Yes	Subject to EPCRA 302 No	Subject to EPCRA 304 Yes	Subject to EPCRA 304 No	Subject to CERCLA Yes	Subject to CERCLA No
2	ISOPROPYL ALCOHOL	109-60-4	LIQUID	1	GAL	PLASTIC BTL	GENERAL CHEMICAL	1	3	0		348 K PAM'S LAB	X			X		X	X			X		X		X
1	979 VOC FREE NO CLEAN SOLDERING FLUX	110-15-6 143-24-8	LIQUID	1	GAL	PLASTIC BTL	KESTER	1	0	0		348 K PAM'S LAB	X			X	X		X			X		X		X
1	FLUX-OFF SOUBLE ES 1530	67-63-0 107-46-0 109-60-4 75-37-6 124-38-9	LIQUID	1	GAL	CAN	Chemtronics	1	3	1		348 K PAM'S LAB	X			X		X	X			X		X		X
2	44 FLUX CORE LEAD SOLDER	7440-36-0 7440-69-9 7440-50-8 7439-92-1 7440-22-4 7440-31-5 7440-66-6 8050-09-7	SOLID	1	POUNDS	WIRE	KESTER	2	1	1		348 K PAM'S LAB & TEST LAB	X			X	X		X			X		X		X
2	LEAD SOLDER	7440-36-0 7440-69-9 7440-66-6 7440-50-8 7439-92-1 7440-31-5 7440-22-4	SOLID	1	POUNDS	WIRE	KESTER	2	1	1		348 K PAM'S LAB & TEST LAB	X			X	X		X			X		X		X
2	LEAD FREE SOLDER	7440-22-4 7440-31-5 65997-05-9 55934-93-5	SOLID	1	POUNDS	WIRE	KESTER	2	1	0		348 K PAM'S LAB & TEST LAB	X			X	X		X			X		X		X
1	FLUX REMOVER	811-97-2 67-63-0 64-17-5 67-64-1 67-56-1	LIQUID	12	OZ	AEROSOL	Techni-Tool	1	3	1		348 K PAM'S LAB & TEST LAB	X			X		X	X			X		X		X
1	FREEZER	811-97-2	LIQUID	12	OZ	AEROSOL	Techni-Tool	1	0	1		PROBE ROOM	X			X		X	X			X		X		X
1	TABLE TOP CLEANER 1733-G	7732-18-5 67-63-0 13235-36-4 1310-73-2 68071-95-4 68584-22-5 66455-15-0	LIQUID	2	OZ	PLASTIC BTL	Techspray	1	1	0		PROBE ROOM	X			X	X		X			X		X		X
2	FLUX CORE LEAD SOLDER	7439-92-1 7440-31-5 8050-09-7	SOLID	1	POUNDS	WIRE	SPC TECHNOLOGIES	2	1	1		348 K PAM'S LAB & TEST LAB	X			X	X		X			X		X		X
20	PIG Pre_Moistened Ha	7732-18-5 5989-27-5 64-17-5 61827-42-7 9005-64-5 9003-01-0	WIPE	72	WIPES	PLASTIC BTL	PIG	1	0	0		PROBE ROOM, 348 K PAM'S LAB, TEST LAB, FINAL LAB	X			X		X	X			X		X		X
5	NITROGEN DEWAR	7727-37-9	LIQUID	3930	CU FT	CYLINDER	AIR PRODUCTS	3	0	0		FINAL LAB	X		X			X	X			X		X		X

Appendix D
Other Pertinent Documents





SITE PIPING PLAN

SCALE: 1"=60'-0"

GENERAL NOTES

A. CONTRACTOR SHALL FIELD VERIFY ALL ROUTING PRIOR TO CONSTRUCTION.

KEYED NOTES

(1) BULK GAS PIPING TO BE INSTALLED IN STREET SHALL BE INSTALLED IN STRICT ACCORDANCE WITH CITY OF EL SEGUNDO PUBLIC WORKS DEPARTMENT REQUIREMENTS.

Piping Systems Engineering PSE

1905 S. LINDSAY ROAD
MESA, ARIZONA, 85204
PHONE: (480) 345-0052
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NOT FOR CONSTRUCTION

INTERNATIONAL RECTIFIER

BULK GAS YARD RELOCATION

PRELIMINARY SITE PLAN SUBMITTAL

PROJECT TITLE

REV	DATE	DESCRIPTION
1	3/22/07	OWNER/CITY COMMENTS

REVISIONS

PROJECT NO.	**07012**
CAD FILE NO.	07012pp-4
CHECKED BY	CDB
DESIGNED BY	CDB
DRAWN BY	DJB
DATE	3/22/07
SCALE	1"=60'-0"

PROJECT INFORMATION

SITE PIPING PLAN

SHEET TITLE

PP-4

SHEET NUMBER

GENERAL NOTES

A. CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS.

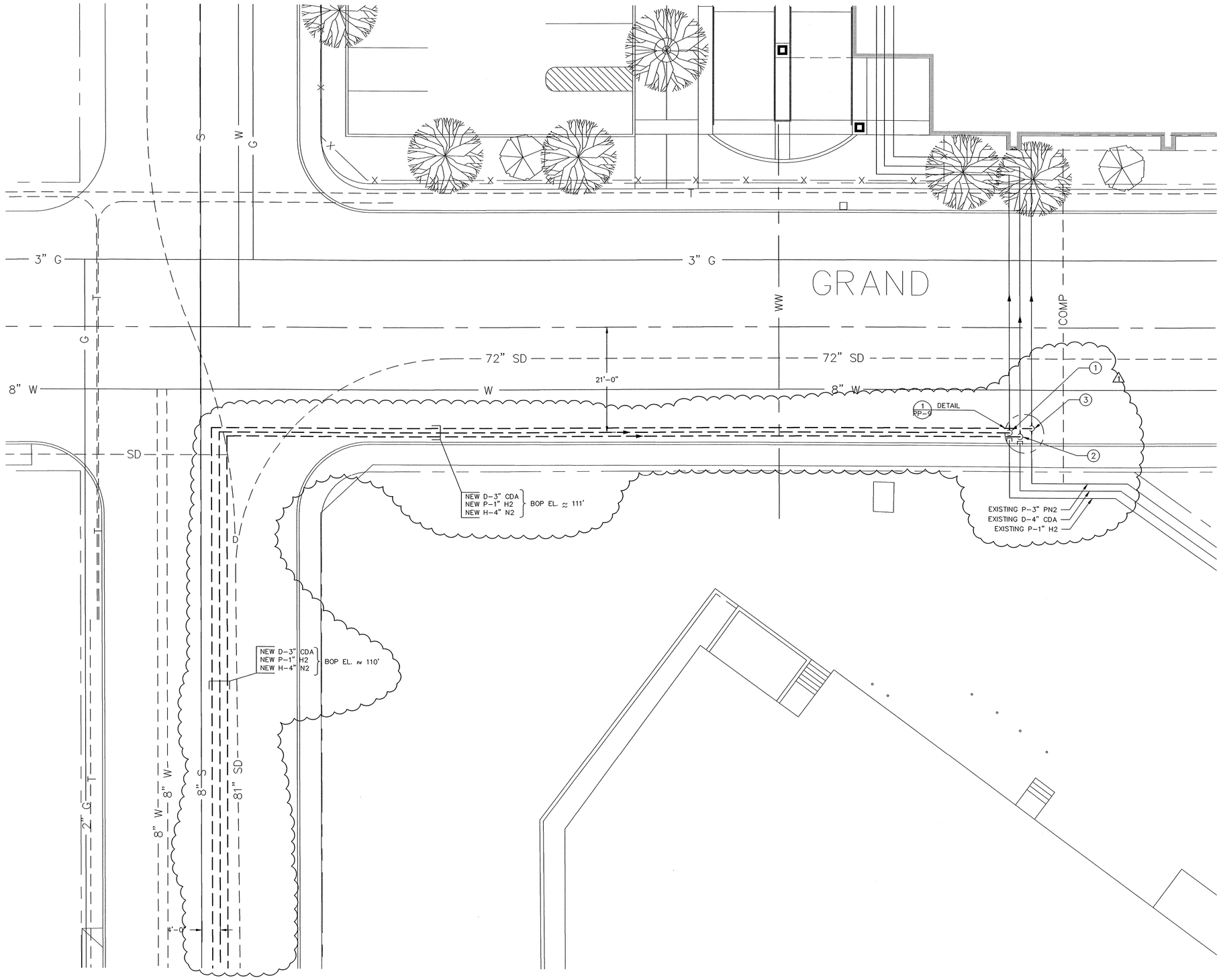
B. ALL PIPING INSTALLED IN STREET SHALL BE INSTALLED IN STRICT ACCORDANCE WITH CITY OF EL SEGUNDO PUBLIC WORKS DEPARTMENT REQUIREMENTS.

KEYED NOTES

(1) TIE NEW P-1" H2 INTO EXISTING P-1" H2. CAP PIPING UPSTREAM OF TIE IN TO DECOMMISSION PREVIOUS SOURCE.

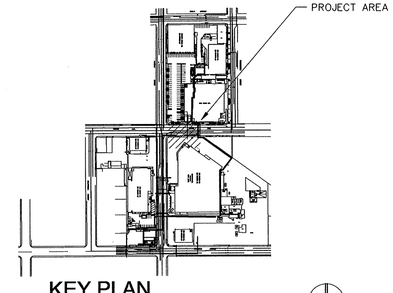
(2) TIE NEW H-4" N2 INTO EXISTING D-4" CDA TO USE AS A SOURCE OF N2 TO 1521 GRAND. CAP CDA PIPING DOWNSTREAM OF TIE IN TO DECOMMISSION PIPING DOWNSTREAM.

(3) TIE NEW D-3" CDA INTO EXISTING P-3" PN2 AFTER PN2 SYSTEM HAS BEEN SHUTDOWN. CAP EXISTING P-3" PN2 PIPING UPSTREAM OF TIE IN TO DECOMMISSION SYSTEM.



PARTIAL PIPING PLAN

SCALE: 1"=10'-0"



KEY PLAN

SCALE: NONE

Piping Systems Engineering **PSE**

1905 S. LINDSAY ROAD
MESA, ARIZONA, 85204
PHONE: (480) 345-0052
FAX: (480) 491-0486

THIS DRAWING IS AN INSTRUMENT OF SERVICE ONLY AND IS AND SHALL REMAIN, THE EXCLUSIVE PROPERTY OF PIPING SYSTEMS ENGINEERING. NO REPRODUCTION OR OTHER USE SHALL BE MADE BY ANY PERSON OR FIRM WITHOUT THE EXPRESS WRITTEN PERMISSION OF PIPING SYSTEMS ENGINEERING. ANY UNAUTHORIZED USE SHALL VOID THE ENGINEER'S SEAL AND SIGNATURE HEREON AND NO PROFESSIONAL LIABILITY WILL REMAIN.

NOT FOR CONSTRUCTION

INTERNATIONAL RECTIFIER

BULK GAS YARD RELOCATION

PRELIMINARY SITE PLAN SUBMITTAL

PROJECT TITLE

REV	DATE	DESCRIPTION
1	3/22/07	OWNER/CITY COMMENTS

REVISIONS

PROJECT NO.	**07012**
CAD FILE NO.	07012pp-6
CHECKED BY	CDB
DESIGNED BY	CDB
DRAWN BY	DJB
DATE	3/22/07
SCALE	1"=10'-0"

PROJECT INFORMATION

PARTIAL PIPING PLAN

SHEET TITLE

PP-6

SHEET NUMBER

City of El Segundo

Craig S. Pedego, *Fire Chief*

March 25, 1999

Troy Schulze, Environmental Health and Safety Engineer
International Rectifier
233 Kansas Street
El Segundo, CA 90245
Certified Mail: Z 435 533 676

Hazardous Materials Underground Storage Tank Closure Certification - 330 Kansas Street, El Segundo (010118)

Dear Mr. Schulze:

The El Segundo Fire Department has reviewed the final closure report for the underground storage tanks dated November 4, 1998. Based on the information submitted, we find that all closure requirements have been completed. With the provision that the information provided to this agency was accurate and representative of existing conditions, it is our position that no further action is required at this time.

Please be advised that this letter does not relieve you of any liability under the California Health and Safety Code or Water Code for past, present, or future operations at this site. In addition, it does not relieve you of the responsibility to clean up existing, additional, or previously unidentified conditions at the site, which may cause or threaten to cause pollution or otherwise pose a threat to water quality.

Additionally, be advised that changes in the present or proposed use of the site may require further site characterization and mitigation activity. It is the property owner's responsibility to notify this agency of any changes in report content, future contamination findings or site usage.

If you have any questions regarding this matter, please contact Fire Inspector James Carver at jcarver@elsegundo.org, or, by telephone at (310) 607-2239.

Sincerely,

CRAIG S. PEDEGO
FIRE CHIEF

James J. Carver
Fire Inspector

cc: Don Pratt, SECOR International, Inc.
314 Main Street
El Segundo, CA 90245
Phone (310) 322-4311 Fax (310) 414-0929

Elected Officials:
Mike Gordon,
Mayor
Sandra Jacobs,
Mayor Pro Tem
Nancy Wernick
Councilmember
John Gaines
Councilmember
Kelly McDowell,
Councilmember
Cindy Mortesen,
City Clerk
Bill Bue,
City Treasurer

Appointed Officials:
Mary Strenn,
City Manager
Mark D. Hensley,
City Attorney

Department Directors:
James Hansen,
Economic Development
Bret Plumlee
Finance Director
Craig S. Pedego,
Fire Chief
Robert Hyland,
Human Resources
Barbara Pearson,
Library
Bret Bernard,
Planning/Building Safety
Timothy Grimmond,
Police Chief
Eduard Schroder,
Public Works
James Fauk,
Recreation & Parks

URGENT and CONFIDENTIAL E-MAIL BACK TO **xxxx.xxx@erm.com**

ENVIRONMENTAL QUESTIONNAIRE for PHASE I ESA

To: _____ From: _____

At: _____ At: _____

Fax: _____ Pages: _____

Phone: _____ Date: _____

Site Name: El Segundo Site

Address: Block 2: 1521 Grand Ave., 330 Kansas, and 348 Kansas,

The Site Owner and Key Site Manager should provide the following information. Please fill in this form to the best of your ability, explaining any Yes answers on a separate sheet of paper.

We need these answers before we conduct the site visit.

1. **Environmental Cleanup Liens.** These include environmental liens that may be filed or recorded against the subject property under federal, tribal, state or local law. Such liens might be listed in the "exceptions to coverage" in the property's title insurance commitment or policy.
   Are you aware of any such liens against the subject property? ☐ Yes ☒ No

2. **Activity and Use Limitations (AULs).** These include engineering controls (e.g., slurry walls, caps) and land use restrictions or institutional controls (e.g., deed restrictions, covenants) that may be in place at the site or filed under federal, tribal, state or local law. The title commitment or policy might also list AULs.
   Are you aware of any possible AULs involving the subject site? ☒ Yes ☐ No

3. **Specialized Knowledge.** This involves personal knowledge or experience related to the subject property or nearby properties. For example, if you are involved in the same line of business as the current or former occupants of the property or an adjoining property, you would probably know of any chemicals, oil, degreasers, gasoline, or other hazardous substances commonly used in that type of business.
   Do you have any specialized knowledge that might indicate the past or present use or release of such substances on the subject or nearby properties? ☐ Yes ☒ No

4. **Obvious Indicators.** This involves past or present spills, stains, releases, cleanups, etc. on or near the site.
   Do you know of any obvious indicators of possible contamination on or near the site? ☐ Yes ☒ No

5. **Common Knowledge.** Please use a separate sheet if necessary.
   a. Describe the past uses of the property: Semiconductor manufacturing and R&D facilities at 330 Kansas and 1521 Grand. Decommissioned (Decommission project executive report attached). 1521 Grand is currently an application lab and office space. 330 Kansas is vacant. Semiconductor probe lab at 348 Kansas – currently vacant.

      Phase 1 & 2 ESA was performed for 1521 Grand and 318 Kansas in 1996 (report attached)

      _____

   b. Describe any specific chemicals that may have been present at the property: Past usage of chemicals: HMI s available _____

      _____

   c. Describe any historical releases, leaking tanks, hazardous material responses, flooding, or fires at the subject property: none _____

      _____

   d. Describe any other information that may help us identify possible contamination: _____

      _____

6. **Previous Owners/Occupants of the Property.** Please list previous owners, operators, and/or occupants and their contact information, if available. Long-term company owned_____

7. **Historical USTs at the Property.**

   Have there been any USTs at the property in the past? ☒ Yes ☐ No

8. **Historical Water Use Wells at the Property.**

   Have there been groundwater monitoring wells or water use wells at the Property? ☐ Yes ☒ No

9. **Artificial fill or dumping at the Property.**

   Has artificial fill or dumping taken place at the property? ☐ Yes ☒ No

10. **Historical Utilities at the Property.**

    Have utilities changed at the property (i.e. septic system or private well)? ☐ Yes ☒ No

_____ _____ **# of separate sheets attached**: _____

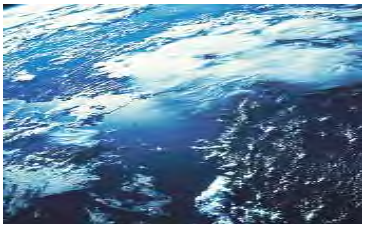
Your Signature **Date** Explain Yes answers on a separate sheet.

Appendix:

2. Parking covenant – Off-site parking at 240 Kansas (check address?) per resolution 2381 City of El Segundo regarding construction of 1521 Grand building September, 1996

7. UST removed in 1998

Appendix E
Environmental Regulatory Database Report



Infineon Block 2
330 Kansas Street
El Segundo, CA 90245

Inquiry Number: 4656401.2s
June 23, 2016

The EDR Radius Map™ Report with GeoCheck®

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

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GEOCHECK ADDENDUM

Physical Setting Source Addendum	A-1
Physical Setting Source Summary	A-2
Physical Setting Source Map	A-9
Physical Setting Source Map Findings	A-10
Physical Setting Source Records Searched	PSGR-1

Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

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EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E 1527-13) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

TARGET PROPERTY INFORMATION

ADDRESS

330 KANSAS STREET
EL SEGUNDO, CA 90245

COORDINATES

Latitude (North):	33.9203510 - 33° 55' 13.26''
Longitude (West):	118.3996760 - 118° 23' 58.83''
Universal Tranverse Mercator:	Zone 11
UTM X (Meters):	370614.6
UTM Y (Meters):	3754012.5
Elevation:	120 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map:	5640438 VENICE, CA
Version Date:	2012

AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from:	20140513
Source:	USDA

MAPPED SITES SUMMARY

Target Property Address:
330 KANSAS STREET
EL SEGUNDO, CA 90245

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
A1	INTERNATIONAL RECTIF	330 KANSAS ST	CA LOS ANGELES CO. HMS		TP
A2	INTERNATIONAL RECTIF	330 KANSAS ST	CA HIST UST		TP
A3		INTERNATIONAL RECTIF	CA CHMIRS		TP
A4	INTERNATIONAL RECTIF	330 KANSAS ST	CA LOS ANGELES CO. HMS		TP
A5		330 KANSAS ST.	CA CHMIRS		TP
A6	INTERNAIONAL RECTIFI	330 KANSAS ST	CA CHMIRS, CA HAZNET		TP
B7	INTERNATIONAL RECTIF	1521 GRAND	RCRA-LQG	Lower	12, 0.002, SSW
A8	INTERNATIONAL RECTIF	233 KANSAS STREET	SEMS-ARCHIVE, RCRA-LQG, CA LUST, CA SWEEPS UST, US	Lower	13, 0.002, West
B9	JIM & JACK INC	1601 E GRAND AVE	RCRA-SQG, FINDS, ECHO	Lower	15, 0.003, SSE
A10	SPARKLING AIRLINE LI	332 WASHINGTON ST	RCRA-SQG, FINDS, ECHO	Higher	18, 0.003, NE
A11	JIM AND JACKS AUTO B	348 WASHINGTON STREE	RCRA-SQG, FINDS, ECHO	Higher	18, 0.003, NE
B12		1605 E GRAND AVE	EDR Hist Auto	Lower	24, 0.005, SSE
B13	JIM & JACK'S COLLISI	1605 E GRAND AVE	RCRA-SQG, FINDS, CA EMI, CA HAZNET, ECHO	Lower	24, 0.005, SSE
B14	HYEPER SILK SCREENIN	1415 E GRAND AVE	RCRA-SQG, FINDS, ECHO	Higher	237, 0.045, SW
B15		1415 E GRAND AVE	EDR Hist Auto	Higher	237, 0.045, SW
C16	PILLACK PROPERTY	1410 GRAND AVE	CA LUST	Higher	330, 0.062, WSW
C17	PILLACK PROPERTY	1410 GRAND	CA HIST CORTESE	Higher	330, 0.062, WSW
D18	SPIN FORGE A DIV OF	1700 E GRAND AVE	RCRA-SQG, FINDS, CA HAZNET, CA WDS, ECHO	Lower	332, 0.063, SE
D19	AIRITE A DOVER SARGE	1700 E GRAND AVE	RCRA-LQG, CA HAZNET	Lower	332, 0.063, SE
C20	RUSSO TRUCKING	1410 E GRAND AVE	CA SWEEPS UST, CA LOS ANGELES CO. HMS	Higher	341, 0.065, WSW
D21	CITY OF EL SEGUNDO	150 ILLINOIS	CA LUST, CA CHMIRS, CA HIST CORTESE	Lower	346, 0.066, SE
D22	CITY OF EL SEGUNDO	150 ILLINOIS ST	CA LUST, CA SWEEPS UST	Lower	346, 0.066, SE
D23	EL SEGUNDO CITY	150 ILLINOIS ST	CA HIST UST, FINDS, CA EMI, ECHO	Lower	346, 0.066, SE
D24	CITY OF EL SEGUNDO	150 ILLINOIS ST.	CA UST	Lower	346, 0.066, SE
E25	INT RECTIFIER CORP E	233 KANSAS ST	CA ENVIROSTOR, CA LUST, CA SLIC, CA HIST CORTESE,...	Lower	357, 0.068, SSW
E26	INTERNATIONAL RECTIF	233 KANSAS	CA SLIC	Lower	357, 0.068, SSW
27	SPECTRUM METAL FINIS	1720 E HOLLY AVE	RCRA-SQG, CA EMI, CA HAZNET, CA LOS ANGELES CO....	Lower	487, 0.092, ENE
C28	DEUTSCH FASTENER COR	1315 EAST GRAND AVE	RCRA-SQG, CA SWEEPS UST, CA HIST UST, FINDS, ECHO	Higher	522, 0.099, WSW
C29	TOWN SQUARE GRAND	1315 GRAND AVE	RCRA-SQG	Higher	522, 0.099, WSW
C30	MATSUI INTERNATIONAL	1310 E GRAND AVE	RCRA-SQG, FINDS, CA LOS ANGELES CO. HMS, ECHO	Higher	529, 0.100, WSW
F31		1661 E FRANKLIN AVE	EDR Hist Auto	Lower	592, 0.112, SSE
G32	R B H CORP	211 CALIFORNIA ST	CA SWEEPS UST, CA LOS ANGELES CO. HMS	Higher	661, 0.125, SW
G33	HERBER AIRCRAFT SVC	1401 E FRANKLIN AVE	RCRA-SQG, FINDS, CA HAZNET, ECHO	Higher	672, 0.127, SSW
G34	TASHKEN AUTO SERVICE	224 OREGON STREET	RCRA-SQG, FINDS, ECHO	Higher	713, 0.135, SW
F35	ELECTROPLY, INC	139 ILLINOIS ST	RCRA-SQG, CA HIST UST, CA EMI	Lower	713, 0.135, SSE
F36	ELECTROPLY INC	139 ILLINOIS ST	CA SWEEPS UST, CA EMI	Lower	713, 0.135, SSE
H37	PACIFIC CLARK AIKEN	225 OREGON ST	CA SWEEPS UST, CA LOS ANGELES CO. HMS	Higher	784, 0.148, SW
H38	PACIFIC CLARK-AIKEN	225 OREGON STREET	CA HIST UST, CA HAZNET	Higher	784, 0.148, SW
F39	ELECTROPLY, INC.	140 WASHINGTON STREE	CA UST	Lower	784, 0.148, South

MAPPED SITES SUMMARY

Target Property Address:
330 KANSAS STREET
EL SEGUNDO, CA 90245

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
40	CUNNINGHAM RACING IN	140 KANSAS ST	RCRA-SQG, FINDS, ECHO	Lower	853, 0.162, South
G41	CHEMICAL MILLING INT	1330 E. FRANKLIN AVE	RCRA NonGen / NLR, FINDS, ECHO	Higher	873, 0.165, SW
I42	AURA CORP	1201 E GRAND	RCRA-SQG, FINDS, ECHO	Higher	904, 0.171, WSW
J43	JIM & JACK AUTO BODY	307 SEPULVEDA BLVD N	CA LUST, CA HIST CORTESE	Lower	958, 0.181, East
J44	KEVORK TEXACO	307 N SEPULVEDA BLVD	CA SWEEPS UST, CA LOS ANGELES CO. HMS	Lower	964, 0.183, ESE
J45	HAGOP KIZIRIAN	307 N SEPULVEDA BLVD	CA HIST UST	Lower	964, 0.183, ESE
I46	MECHMETALS CORPORATI	230 NEVADA ST	RCRA-SQG, FINDS, CA LOS ANGELES CO. HMS, ECHO	Lower	998, 0.189, WSW
J47	LAX BUSINESS CENTER	300 360 AND 390 N SE	CA HIST UST	Higher	1014, 0.192, East
J48	HUGHES AIRCRAFT CO E	360 N. SEPULVEDA BLV	RCRA-SQG, FINDS, ECHO	Higher	1019, 0.193, East
J49	LAX BUSINESS CENTER	360 N SEPULVEDA BLVD	CA SWEEPS UST, CA LOS ANGELES CO. HMS	Higher	1019, 0.193, East
J50	TRW INC	300 N SEPULVEDA BLVD	RCRA NonGen / NLR, FINDS, ECHO	Lower	1035, 0.196, East
K51	AIRFIX INTL	141 OREGON ST	RCRA-SQG, FINDS, ECHO	Higher	1056, 0.200, SW
K52	SOLID GOLD CO	129 OREGON ST	RCRA-SQG, FINDS, ECHO	Higher	1135, 0.215, SW
53	RADIANT SERVICES	200 NEVADA STREET	CA ENVIROSTOR, CA VCP	Lower	1149, 0.218, SW
L54	HUGHES AIRCRAFT CO S	200 N SEPULVEDA BLVD	RCRA-SQG, FINDS, ECHO	Lower	1183, 0.224, ESE
L55	PACIFIC CORPORATE TO	100-222 N. SEPULVEDA	CA AST	Lower	1183, 0.224, ESE
L56	PACIFIC CORPORATE TO	222 N. SEPULVEDA BL.	CA UST	Lower	1183, 0.224, ESE
L57	PACIFIC BUILDING MGM	200 N SEPULVEDA BLVD	CA SWEEPS UST	Lower	1183, 0.224, ESE
L58	PACIFIC CORPORATE TO	100 N. SEPULVEDA BL.	CA UST	Lower	1183, 0.224, ESE
L59	ING	200 N SEPULVEDA BLVD	CA AST	Lower	1183, 0.224, ESE
60	DOD - LAAFB BLDG 241	EL SEGUNDO BLVD	CA SLIC, CA CHMIRS, CA WDS	Lower	1187, 0.225, SSE
61	HUGHES AIRCRAFT CO.	101 NORTH SEPULVEDA	RCRA-SQG, FINDS, ECHO	Lower	1200, 0.227, SSE
M62	VENICE T SHIRTS AND	1325 E EL SEGUNDO BL	RCRA-SQG, FINDS, ECHO	Higher	1271, 0.241, SSW
K63	JIM & JACK INC	124 NEVADA ST	RCRA-SQG, FINDS, CA HAZNET, ECHO	Higher	1271, 0.241, SW
M64	EYECATCHER SCREENPRI	1301 E EL SEGUNDO BL	RCRA-SQG, FINDS, ECHO	Higher	1308, 0.248, SSW
65	A & A WASTE & ROLLOF	139 NEVADA STREET	CA SWF/LF	Higher	1385, 0.262, SW
66	CHEVRON #9-7879	101 SEPULVEDA BLVD S	CA LUST, CA SWEEPS UST, CA HIST CORTESE, CA LOS...	Lower	1534, 0.291, SE
67	CITY OF EL SEGUNDO	FRANKLIN AVE	CA LUST	Higher	1612, 0.305, West
68	UNOCAL #5866	603 SEPULVEDA BLVD N	CA LUST, CA HIST CORTESE	Higher	1614, 0.306, NE
N69	MATTEL INC	1955 E GRAND AVE	RCRA-SQG, CA LUST, FINDS, CA EMI, CA HIST CORTESE,...	Lower	1882, 0.356, East
N70	GLOBAL SOLUTIONS	1955 GRAND AVE	CA LUST	Lower	1882, 0.356, East
O71	HUGHES AIRCRAFT COMP	2000 EL SEGUNDO BLVD	CA LUST, CA HIST CORTESE	Lower	2044, 0.387, SE
O72	RAYTHEON SPACE AND A	2000 E EL SEGUNDO BL	CA ENVIROSTOR, CA CHMIRS, CA NPDES	Lower	2044, 0.387, SE
P73	DEVLIN PHARMACEUTICA	700 N SEPULVEDA BLVD	SEMS-ARCHIVE	Lower	2057, 0.390, NE
P74	DEVLIN PHARMACEUTICA	700 NORTH SEPULVEDA	CA ENVIROSTOR	Lower	2057, 0.390, NE
Q75	ALLIED SALES & SALVA	160 S SEPULVEDA BLVD	SEMS-ARCHIVE	Lower	2160, 0.409, SSE
Q76	ALLIED SALES & SALVA	160 SOUTH SEPULVEDA	CA ENVIROSTOR, CA HIST CORTESE	Lower	2160, 0.409, SSE
R77	UNOCAL #4613	770 SEPULVEDA BLVD N	CA LUST, CA SWEEPS UST, CA LOS ANGELES CO. HMS	Higher	2290, 0.434, NNE
78	HUGHES AIRCRAFT CO C	1990 GRAND AVE E	CA LUST, CA SWEEPS UST, CA HIST CORTESE	Lower	2433, 0.461, East

MAPPED SITES SUMMARY

Target Property Address:
330 KANSAS STREET
EL SEGUNDO, CA 90245

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
R79	HUGHES AIRCRAFT CO/	1925 MAPLE ST E	CA LUST, CA HIST CORTESE	Higher	2531, 0.479, NNE
80	HUGHES AIRCRAFT/GILB	800 N. SEPULVEDA BLV	CA ENVIROSTOR, CA VCP	Higher	2616, 0.495, NNE
81	MATTELL INC.	2031 MARIPOSA AVENUE	RCRA-LQG, FINDS, CA HWP, CA NPDES, CA WDS, ECHO	Lower	2805, 0.531, ENE
S82	RAYTHEON COMPANY - E	2000 EAST EL SEGUNDO	CA SWEEPS UST, CA CHMIRS, CA Financial Assurance,...	Higher	2894, 0.548, ESE
S83	RAYTHEON COMPANY	2000 E EL SEGUNDO BL	SEMS-ARCHIVE, CORRACTS, RCRA-TSDF, RCRA-LQG, US...	Higher	2894, 0.548, ESE
84	NORTHROP CORP AIRCRA	2043 E MARIPOSA AVEN	SEMS-ARCHIVE, CORRACTS, RCRA-TSDF, RCRA NonGen /..	Lower	3098, 0.587, ENE
T85	EL SEGUNDO STORAGE A		CA ENVIROSTOR	Higher	3135, 0.594, NNE
T86	NWRIP DOD #26		CA ENVIROSTOR	Higher	3135, 0.594, NNE
87	RAYTHEON CO	2030 MAPLE AVENUE	CA ENVIROSTOR, CA HWP	Lower	3148, 0.596, NE
88	STANDARD OIL CO.		CA ENVIROSTOR	Lower	3224, 0.611, WSW
89	HILTON GARDEN INN	MARIPOSA AVENUE AND	CA ENVIROSTOR, CA VCP	Lower	3787, 0.717, ENE
U90	BOEING SATELLITE SYS	1920 E IMPERIAL HWY	CA ENVIROSTOR	Lower	4011, 0.760, NNE
U91	THE BOEING COMPANY	1920 E. IMPERIAL HWY	SEMS-ARCHIVE, CORRACTS, RCRA-TSDF, RCRA-LQG, CA...	Lower	4011, 0.760, NNE
92	FORMER NORTH AMERICA	400 DULEY ROAD	CA ENVIROSTOR, CA VCP, CA NPDES	Lower	4308, 0.816, East
93	MIRRA COTE COMPANY I	140 STANDARD STREET	CA ENVIROSTOR, CA SLIC, CA ENF	Lower	4421, 0.837, WSW
94	NORTH AMERICAN AIRCR		CA ENVIROSTOR	Lower	4428, 0.839, NE
95	GARRETT AVIATION SVC	6201 W. IMPERIAL HIG	CA ENVIROSTOR, CA EMI, LA Co. Site Mitigation	Lower	4766, 0.903, NNE
V96	FORT MCARTHUR	200 NORTH DOUGLAS ST	CA BOND EXP. PLAN	Lower	4942, 0.936, East
V97	201 N. DOUGLAS PROPE	201 N. DOUGLAS STREE	CA ENVIROSTOR, CA SCH	Lower	4947, 0.937, East

EXECUTIVE SUMMARY

TARGET PROPERTY SEARCH RESULTS

The target property was identified in the following records. For more information on this property see page 8 of the attached EDR Radius Map report:

Site	Database(s)	EPA ID
INTERNATIONAL RECTIF 330 KANSAS ST EL SEGUNDO, CA 90245	CA LOS ANGELES CO. HMS Facility ID: 008437-I10118	N/A
INTERNATIONAL RECTIF 330 KANSAS ST EL SEGUNDO, CA 90245	CA HIST UST	N/A
INTERNATIONAL RECTIF INTERNATIONAL RECTIF EL SEGUNDO, CA 90245	CA CHMIRS OES Incident Number: 11356	N/A
INTERNATIONAL RECTIF 330 KANSAS ST EL SEGUNDO, CA 90245	CA LOS ANGELES CO. HMS Facility ID: 008437-010118	N/A
330 KANSAS ST. 330 KANSAS ST. EL SEGUNDO, CA 90245	CA CHMIRS OES Incident Number: 5-7083 OES Incident Number: 08-2750	N/A
INTERNAIONAL RECTIFI 330 KANSAS ST EL SEGUNDO, CA 90245	CA CHMIRS OES Incident Number: 5-4157 CA HAZNET GEPAID: CAC002754425	N/A

DATABASES WITH NO MAPPED SITES

No mapped sites were found in EDR's search of available ("reasonably ascertainable ") government records either on the target property or within the search radius around the target property for the following databases:

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL ---------- National Priority List

Proposed NPL ---------- Proposed National Priority List Sites
NPL LIENS ---------- Federal Superfund Liens

Federal Delisted NPL site list

Delisted NPL ---------- National Priority List Deletions

Federal CERCLIS list

FEDERAL FACILITY ---------- Federal Facility Site Information listing
SEMS ---------- Superfund Enterprise Management System

Federal RCRA generators list

RCRA-CESQG ---------- RCRA - Conditionally Exempt Small Quantity Generator

Federal institutional controls / engineering controls registries

LUCIS ---------- Land Use Control Information System
US ENG CONTROLS ---------- Engineering Controls Sites List
US INST CONTROL ---------- Sites with Institutional Controls

Federal ERNS list

ERNS ---------- Emergency Response Notification System

State- and tribal - equivalent NPL

CA RESPONSE ---------- State Response Sites

State and tribal leaking storage tank lists

INDIAN LUST ---------- Leaking Underground Storage Tanks on Indian Land

State and tribal registered storage tank lists

FEMA UST ---------- Underground Storage Tank Listing
INDIAN UST ---------- Underground Storage Tanks on Indian Land

State and tribal voluntary cleanup sites

INDIAN VCP ---------- Voluntary Cleanup Priority Listing

State and tribal Brownfields sites

CA BROWNFIELDS ---------- Considered Brownfieds Sites Listing

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS ---------- A Listing of Brownfields Sites

Local Lists of Landfill / Solid Waste Disposal Sites

CA WMUDS/SWAT ---------- Waste Management Unit Database

CA SWRCY	Recycler Database
CA HAULERS	Registered Waste Tire Haulers Listing
INDIAN ODI	Report on the Status of Open Dumps on Indian Lands
DEBRIS REGION 9	Torres Martinez Reservation Illegal Dump Site Locations
ODI	Open Dump Inventory

Local Lists of Hazardous waste / Contaminated Sites

CA AOCONCERN	San Gabriel Valley Areas of Concern
US HIST CDL	Delisted National Clandestine Laboratory Register
CA HIST Cal-Sites	Historical Calsites Database
CA CDL	Clandestine Drug Labs
CA Toxic Pits	Toxic Pits Cleanup Act Sites
US CDL	National Clandestine Laboratory Register

Local Lists of Registered Storage Tanks

CA FID UST	Facility Inventory Database

Local Land Records

CA LIENS	Environmental Liens Listing
LIENS 2	CERCLA Lien Information
CA DEED	Deed Restriction Listing

Records of Emergency Release Reports

HMIRS	Hazardous Materials Information Reporting System
CA LDS	Land Disposal Sites Listing
CA MCS	Military Cleanup Sites Listing
CA SPILLS 90	SPILLS 90 data from FirstSearch

Other Ascertainable Records

FUDS	Formerly Used Defense Sites
DOD	Department of Defense Sites
SCRD DRYCLEANERS	State Coalition for Remediation of Drycleaners Listing
EPA WATCH LIST	EPA WATCH LIST
TSCA	Toxic Substances Control Act
TRIS	Toxic Chemical Release Inventory System
SSTS	Section 7 Tracking Systems
ROD	Records Of Decision
RMP	Risk Management Plans
RAATS	RCRA Administrative Action Tracking System
PRP	Potentially Responsible Parties
PADS	PCB Activity Database System
ICIS	Integrated Compliance Information System
FTTS	FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
MLTS	Material Licensing Tracking System
COAL ASH DOE	Steam-Electric Plant Operation Data
COAL ASH EPA	Coal Combustion Residues Surface Impoundments List
PCB TRANSFORMER	PCB Transformer Registration Database
RADINFO	Radiation Information Database
HIST FTTS	FIFRA/TSCA Tracking System Administrative Case Listing

DOT OPS Incident and Accident Data
CONSENT Superfund (CERCLA) Consent Decrees
INDIAN RESERV Indian Reservations
FUSRAP Formerly Utilized Sites Remedial Action Program
UMTRA Uranium Mill Tailings Sites
LEAD SMELTERS Lead Smelter Sites
US MINES Mines Master Index File
UXO Unexploded Ordnance Sites
DOCKET HWC Hazardous Waste Compliance Docket Listing
CA Cortese "Cortese" Hazardous Waste & Substances Sites List
CA CUPA Listings CUPA Resources List
CA DRYCLEANERS Cleaner Facilities
CA HWT Registered Hazardous Waste Transporter Database
CA MINES Mines Site Location Listing
CA MWMP Medical Waste Management Program Listing
CA PEST LIC Pesticide Regulation Licenses Listing
CA PROC Certified Processors Database
CA Notify 65 Proposition 65 Records
CA UIC UIC Listing
CA WASTEWATER PITS Oil Wastewater Pits Listing
CA WIP Well Investigation Program Case List
FUELS PROGRAM EPA Fuels Program Registered Listing

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP EDR Proprietary Manufactured Gas Plants
EDR Hist Cleaner EDR Exclusive Historic Dry Cleaners

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

CA RGA LF Recovered Government Archive Solid Waste Facilities List
CA RGA LUST Recovered Government Archive Leaking Underground Storage Tank

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

Elevations have been determined from the USGS Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property.
Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

Sites listed in ***bold italics*** are in multiple databases.

Unmappable (orphan) sites are not considered in the foregoing analysis.

EXECUTIVE SUMMARY

STANDARD ENVIRONMENTAL RECORDS

Federal CERCLIS NFRAP site list

SEMS-ARCHIVE: SEMS-ARCHIVE (Superfund Enterprise Management System Archive) tracks sites that have no further interest under the Federal Superfund Program based on available information. The list was formerly known as the CERCLIS-NFRAP, renamed to SEMS ARCHIVE by the EPA in 2015. EPA may perform a minimal level of assessment work at a site while it is archived if site conditions change and/or new information becomes available. Archived sites have been removed and archived from the inventory of SEMS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list the site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. The 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 potential NPL site.

A review of the SEMS-ARCHIVE list, as provided by EDR, and dated 03/07/2016 has revealed that there are 3 SEMS-ARCHIVE sites within approximately 0.5 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
INTERNATIONAL RECTIF	***233 KANSAS STREET***	***W 0 - 1/8 (0.002 mi.)***	***A8***	***21***
DEVLIN PHARMACEUTICA	700 N SEPULVEDA BLVD	NE 1/4 - 1/2 (0.390 mi.)	P73	158
ALLIED SALES & SALVA	160 S SEPULVEDA BLVD	SSE 1/4 - 1/2 (0.409 mi.)	Q75	160

Federal RCRA CORRACTS facilities list

CORRACTS: CORRACTS is a list of handlers with RCRA Corrective Action Activity. This report shows which nationally-defined corrective action core events have occurred for every handler that has had corrective action activity.

A review of the CORRACTS list, as provided by EDR, and dated 12/09/2015 has revealed that there are 3 CORRACTS sites within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
RAYTHEON COMPANY	***2000 E EL SEGUNDO BL***	***ESE 1/2 - 1 (0.548 mi.)***	***S83***	***204***

Lower Elevation	Address	Direction / Distance	Map ID	Page
NORTHROP CORP AIRCRA	***2043 E MARIPOSA AVEN***	***ENE 1/2 - 1 (0.587 mi.)***	***84***	***246***
THE BOEING COMPANY	***1920 E. IMPERIAL HWY***	***NNE 1/2 - 1 (0.760 mi.)***	***U91***	***265***

Federal RCRA generators list

RCRA-LQG: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month.

A review of the RCRA-LQG list, as provided by EDR, and dated 12/09/2015 has revealed that there are 3

RCRA-LQG sites within approximately 0.25 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
INTERNATIONAL RECTIF	1521 GRAND	SSW 0 - 1/8 (0.002 mi.)	B7	16
INTERNATIONAL RECTIF	***233 KANSAS STREET***	***W 0 - 1/8 (0.002 mi.)***	***A8***	***21***
AIRITE A DOVER SARGE	***1700 E GRAND AVE***	***SE 0 - 1/8 (0.063 mi.)***	***D19***	***52***

RCRA-SQG: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

A review of the RCRA-SQG list, as provided by EDR, and dated 12/09/2015 has revealed that there are 24 RCRA-SQG sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
SPARKLING AIRLINE LI	***332 WASHINGTON ST***	***NE 0 - 1/8 (0.003 mi.)***	***A10***	***36***
JIM AND JACKS AUTO B	***348 WASHINGTON STREE***	***NE 0 - 1/8 (0.003 mi.)***	***A11***	***38***
HYEPER SILK SCREENIN	***1415 E GRAND AVE***	***SW 0 - 1/8 (0.045 mi.)***	***B14***	***44***
DEUTSCH FASTENER COR	***1315 EAST GRAND AVE***	***WSW 0 - 1/8 (0.099 mi.)***	***C28***	***75***
TOWN SQUARE GRAND	1315 GRAND AVE	WSW 0 - 1/8 (0.099 mi.)	C29	78
MATSUI INTERNATIONAL	***1310 E GRAND AVE***	***WSW 0 - 1/8 (0.100 mi.)***	***C30***	***79***
HERBER AIRCRAFT SVC	***1401 E FRANKLIN AVE***	***SSW 1/8 - 1/4 (0.127 mi.)***	***G33***	***82***
TASHKEN AUTO SERVICE	***224 OREGON STREET***	***SW 1/8 - 1/4 (0.135 mi.)***	***G34***	***85***
AURA CORP	***1201 E GRAND***	***WSW 1/8 - 1/4 (0.171 mi.)***	***I42***	***102***
HUGHES AIRCRAFT CO E	***360 N. SEPULVEDA BLV***	***E 1/8 - 1/4 (0.193 mi.)***	***J48***	***110***
AIRFIX INTL	***141 OREGON ST***	***SW 1/8 - 1/4 (0.200 mi.)***	***K51***	***114***
SOLID GOLD CO	***129 OREGON ST***	***SW 1/8 - 1/4 (0.215 mi.)***	***K52***	***116***
VENICE T SHIRTS AND	***1325 E EL SEGUNDO BL***	***SSW 1/8 - 1/4 (0.241 mi.)***	***M62***	***127***
JIM & JACK INC	***124 NEVADA ST***	***SW 1/8 - 1/4 (0.241 mi.)***	***K63***	***128***
EYECATCHER SCREENPRI	***1301 E EL SEGUNDO BL***	***SSW 1/8 - 1/4 (0.248 mi.)***	***M64***	***131***

Lower Elevation	Address	Direction / Distance	Map ID	Page
JIM & JACK INC	***1601 E GRAND AVE***	***SSE 0 - 1/8 (0.003 mi.)***	***B9***	***34***
JIM & JACK'S COLLISI	***1605 E GRAND AVE***	***SSE 0 - 1/8 (0.005 mi.)***	***B13***	***40***
SPIN FORGE A DIV OF	***1700 E GRAND AVE***	***SE 0 - 1/8 (0.063 mi.)***	***D18***	***48***
SPECTRUM METAL FINIS	***1720 E HOLLY AVE***	***ENE 0 - 1/8 (0.092 mi.)***	***27***	***72***
ELECTROPLY, INC	***139 ILLINOIS ST***	***SSE 1/8 - 1/4 (0.135 mi.)***	***F35***	***87***
CUNNINGHAM RACING IN	***140 KANSAS ST***	***S 1/8 - 1/4 (0.162 mi.)***	***40***	***99***
MECHMETALS CORPORATI	***230 NEVADA ST***	***WSW 1/8 - 1/4 (0.189 mi.)***	***I46***	***108***
HUGHES AIRCRAFT CO S	***200 N SEPULVEDA BLVD***	***ESE 1/8 - 1/4 (0.224 mi.)***	***L54***	***119***
HUGHES AIRCRAFT CO.	***101 NORTH SEPULVEDA***	***SSE 1/8 - 1/4 (0.227 mi.)***	***61***	***125***

State- and tribal - equivalent CERCLIS

CA ENVIROSTOR: The Department of Toxic Substances Control's (DTSC's) Site Mitigation and Brownfields Reuse Program's (SMBRP's) EnviroStor database identifes sites that have known contamination or sites for which there may be reasons to investigate further. The database includes the following site types: Federal Superfund sites (National Priorities List (NPL)); State Response, including Military Facilities and State

Superfund; Voluntary Cleanup; and School sites. EnviroStor provides similar information to the information that was available in CalSites, and provides additional site information, including, but not limited to, identification of formerly-contaminated properties that have been released for reuse, properties where environmental deed restrictions have been recorded to prevent inappropriate land uses, and risk characterization information that is used to assess potential impacts to public health and the environment at contaminated sites.

A review of the CA ENVIROSTOR list, as provided by EDR, and dated 05/02/2016 has revealed that there are 17 CA ENVIROSTOR sites within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
HUGHES AIRCRAFT/GILB Facility Id: 19370368 Status: No Further Action	***800 N. SEPULVEDA BLV***	***NNE 1/4 - 1/2 (0.495 mi.)***	***80***	***172***
EL SEGUNDO STORAGE A Facility Id: 80000076 Status: Inactive - Needs Evaluation		NNE 1/2 - 1 (0.594 mi.)	T85	252
NWRIP DOD #26 Facility Id: 80000638 Status: Inactive - Needs Evaluation		NNE 1/2 - 1 (0.594 mi.)	T86	253

Lower Elevation	Address	Direction / Distance	Map ID	Page
INT RECTIFIER CORP E Facility Id: 19360533 Status: Refer: RWQCB	***233 KANSAS ST***	***SSW 0 - 1/8 (0.068 mi.)***	***E25***	***65***
RADIANT SERVICES Facility Id: 19130119 Status: Inactive - Action Required	***200 NEVADA STREET***	***SW 1/8 - 1/4 (0.218 mi.)***	***53***	***117***
RAYTHEON SPACE AND A Facility Id: 80001335 Status: Active	***2000 E EL SEGUNDO BL***	***SE 1/4 - 1/2 (0.387 mi.)***	***O72***	***151***
DEVLIN PHARMACEUTICA Facility Id: 19280313 Status: No Further Action	700 NORTH SEPULVEDA	NE 1/4 - 1/2 (0.390 mi.)	P74	159
ALLIED SALES & SALVA Facility Id: 19500011 Status: Refer: Other Agency	***160 SOUTH SEPULVEDA***	***SSE 1/4 - 1/2 (0.409 mi.)***	***Q76***	***161***
RAYTHEON CO Facility Id: 60001344 Status: Active	***2030 MAPLE AVENUE***	***NE 1/2 - 1 (0.596 mi.)***	***87***	***254***
STANDARD OIL CO. Facility Id: 80001144 Status: Inactive - Needs Evaluation		WSW 1/2 - 1 (0.611 mi.)	88	257
HILTON GARDEN INN Facility Id: 19130106 Status: No Further Action	***MARIPOSA AVENUE AND***	***ENE 1/2 - 1 (0.717 mi.)***	***89***	***258***
BOEING SATELLITE SYS Facility Id: 80001440 Status: Active	1920 E IMPERIAL HWY	NNE 1/2 - 1 (0.760 mi.)	U90	260
FORMER NORTH AMERICA	***400 DULEY ROAD***	***E 1/2 - 1 (0.816 mi.)***	***92***	***305***

Facility Id: 60000905 Status: No Further Action				
MIRRA COTE COMPANY I Facility Id: 19340277 Status: Refer: Other Agency	***140 STANDARD STREET***	***WSW 1/2 - 1 (0.837 mi.)***	***93***	***315***
NORTH AMERICAN AIRCR Facility Id: 80000838 Facility Id: 80000839 Status: Inactive - Needs Evaluation		NE 1/2 - 1 (0.839 mi.)	94	321
GARRETT AVIATION SVC Facility Id: 71003574 Status: Refer: Other Agency	***6201 W. IMPERIAL HIG***	***NNE 1/2 - 1 (0.903 mi.)***	***95***	***323***
201 N. DOUGLAS PROPE Facility Id: 60001802 Status: Active	***201 N. DOUGLAS STREE***	***E 1/2 - 1 (0.937 mi.)***	***V97***	***326***

State and tribal landfill and/or solid waste disposal site lists

CA SWF/LF: The Solid Waste Facilities/Landfill Sites records typically contain an inventory of solid waste disposal facilities or landfills in a particular state. The data come from the Integrated Waste Management Board's Solid Waste Information System (SWIS) database.

A review of the CA SWF/LF list, as provided by EDR, and dated 05/16/2016 has revealed that there is 1 CA SWF/LF site within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
A & A WASTE & ROLLOF Site ID: 804 Status: Closed	139 NEVADA STREET	SW 1/4 - 1/2 (0.262 mi.)	65	133

State and tribal leaking storage tank lists

CA LUST: The Leaking Underground Storage Tank Incident Reports contain an inventory of reported leaking underground storage tank incidents. The data come from the State Water Resources Control Board Leaking Underground Storage Tank Information System.

A review of the CA LUST list, as provided by EDR, and dated 03/14/2016 has revealed that there are 15 CA LUST sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
PILLACK PROPERTY Status: Completed - Case Closed Facility Id: I-14091 Status: Case Closed Global Id: T0603704135 Global ID: T0603704135	1410 GRAND AVE	WSW 0 - 1/8 (0.062 mi.)	C16	46
CITY OF EL SEGUNDO	FRANKLIN AVE	W 1/4 - 1/2 (0.305 mi.)	67	139

Status: Completed - Case Closed
Global Id: T0603701266

UNOCAL #5866	***603 SEPULVEDA BLVD N***	***NE 1/4 - 1/2 (0.306 mi.)***	***68***	***140***

Status: Completed - Case Closed
Facility Id: I-09969
Status: Case Closed
Global Id: T0603703539
Global ID: T0603703539

UNOCAL #4613	***770 SEPULVEDA BLVD N***	***NNE 1/4 - 1/2 (0.434 mi.)***	***R77***	***163***

Status: Completed - Case Closed
Facility Id: I-09970
Status: Case Closed
Global Id: T0603792957
Global ID: T0603792957

HUGHES AIRCRAFT CO/	***1925 MAPLE ST E***	***NNE 1/4 - 1/2 (0.479 mi.)***	***R79***	***169***

Status: Completed - Case Closed
Facility Id: R-13531
Status: Case Closed
Global Id: T0603705197
Global ID: T0603705197

Lower Elevation	Address	Direction / Distance	Map ID	Page
INTERNATIONAL RECTIF	***233 KANSAS STREET***	***W 0 - 1/8 (0.002 mi.)***	***A8***	***21***
CITY OF EL SEGUNDO	***150 ILLINOIS***	***SE 0 - 1/8 (0.066 mi.)***	***D21***	***55***

Status: Completed - Case Closed
Global Id: T0603705310

CITY OF EL SEGUNDO	***150 ILLINOIS ST***	***SE 0 - 1/8 (0.066 mi.)***	***D22***	***57***

Facility Id: R-20565
Status: Leak being confirmed
Global ID: T0603705310

INT RECTIFIER CORP E	***233 KANSAS ST***	***SSW 0 - 1/8 (0.068 mi.)***	***E25***	***65***

Facility Id: I-15781
Status: Preliminary site assessment underway
Global ID: T0603704349

JIM & JACK AUTO BODY	***307 SEPULVEDA BLVD N***	***E 1/8 - 1/4 (0.181 mi.)***	***J43***	***103***

Status: Completed - Case Closed
Facility Id: I-13092
Status: Case Closed
Global Id: T0603704033
Global ID: T0603704033

CHEVRON #9-7879	***101 SEPULVEDA BLVD S***	***SE 1/4 - 1/2 (0.291 mi.)***	***66***	***134***

Status: Completed - Case Closed
Facility Id: I-09890
Status: Case Closed
Global Id: T0603703512
Global ID: T0603703512

MATTEL INC	***1955 E GRAND AVE***	***E 1/4 - 1/2 (0.356 mi.)***	***N69***	***142***

Status: Completed - Case Closed
Global Id: T0603701269

GLOBAL SOLUTIONS	1955 GRAND AVE	E 1/4 - 1/2 (0.356 mi.)	N70	148

Facility Id: 902450089

Status: Case Closed
Global ID: T0603701269

HUGHES AIRCRAFT COMP	***2000 EL SEGUNDO BLVD***	***SE 1/4 - 1/2 (0.387 mi.)***	***O71***	***149***
Status: Completed - Case Closed Facility Id: R-10917 Status: Case Closed Global Id: T0603792958 Global ID: T0603792958				
HUGHES AIRCRAFT CO C	***1990 GRAND AVE E***	***E 1/4 - 1/2 (0.461 mi.)***	***78***	***167***
Status: Completed - Case Closed Facility Id: R-13532 Status: Case Closed Global Id: T0603705198 Global ID: T0603705198				

CA SLIC: SLIC Region comes from the California Regional Water Quality Control Board.

A review of the CA SLIC list, as provided by EDR, and dated 03/14/2016 has revealed that there are 3 CA SLIC sites within approximately 0.5 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
INT RECTIFIER CORP E	***233 KANSAS ST***	***SSW 0 - 1/8 (0.068 mi.)***	***E25***	***65***
Facility Status: Completed - Case Closed Global Id: SL184571440				
INTERNATIONAL RECTIF	233 KANSAS	SSW 0 - 1/8 (0.068 mi.)	E26	71
Facility Status: No further action required				
DOD - LAAFB BLDG 241	***EL SEGUNDO BLVD***	***SSE 1/8 - 1/4 (0.225 mi.)***	***60***	***123***
Facility Status: Completed - Case Closed Global Id: SL599992902				

State and tribal registered storage tank lists

CA UST: The Underground Storage Tank database contains registered USTs. USTs are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA). The data come from the State Water Resources Control Board's Hazardous Substance Storage Container Database.

A review of the CA UST list, as provided by EDR, and dated 03/14/2016 has revealed that there are 4 CA UST sites within approximately 0.25 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
CITY OF EL SEGUNDO Facility Id: 300071 Permit Number: 30-0071 Tank Status: Change of Information	150 ILLINOIS ST.	SE 0 - 1/8 (0.066 mi.)	D24	64
ELECTROPLY, INC. Facility Id: 300089	140 WASHINGTON STREE	S 1/8 - 1/4 (0.148 mi.)	F39	99
PACIFIC CORPORATE TO Facility Id: 300212	222 N. SEPULVEDA BL.	ESE 1/8 - 1/4 (0.224 mi.)	L56	121

Permit Number: 30-0212
Permit Number: 30-0211
Tank Status: UST Removal

PACIFIC CORPORATE TO — 100 N. SEPULVEDA BL. — ESE 1/8 - 1/4 (0.224 mi.) — L58 — 122
Facility Id: 300211

CA AST: A listing of aboveground storage tank petroleum storage tank locations.

A review of the CA AST list, as provided by EDR, and dated 08/01/2009 has revealed that there are 2 CA AST sites within approximately 0.25 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
PACIFIC CORPORATE TO	100-222 N. SEPULVEDA	ESE 1/8 - 1/4 (0.224 mi.)	L55	121
ING	200 N SEPULVEDA BLVD	ESE 1/8 - 1/4 (0.224 mi.)	L59	122

State and tribal voluntary cleanup sites

CA VCP: Contains low threat level properties with either confirmed or unconfirmed releases and the project proponents have request that DTSC oversee investigation and/or cleanup activities and have agreed to provide coverage for DTSC's costs.

A review of the CA VCP list, as provided by EDR, and dated 05/02/2016 has revealed that there are 2 CA VCP sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
HUGHES AIRCRAFT/GILB	***800 N. SEPULVEDA BLV***	***NNE 1/4 - 1/2 (0.495 mi.)***	***80***	***172***
Status: No Further Action				
Facility Id: 19370368				

Lower Elevation	Address	Direction / Distance	Map ID	Page
RADIANT SERVICES	***200 NEVADA STREET***	***SW 1/8 - 1/4 (0.218 mi.)***	***53***	***117***
Status: Inactive - Action Required				
Facility Id: 19130119				

ADDITIONAL ENVIRONMENTAL RECORDS

Local Lists of Registered Storage Tanks

CA SWEEPS UST: Statewide Environmental Evaluation and Planning System. This underground storage tank listing was updated and maintained by a company contacted by the SWRCB in the early 1990's. The listing is no longer updated or maintained. The local agency is the contact for more information on a site on the SWEEPS list.

A review of the CA SWEEPS UST list, as provided by EDR, and dated 06/01/1994 has revealed that there

are 10 CA SWEEPS UST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
RUSSO TRUCKING	***1410 E GRAND AVE***	***WSW 0 - 1/8 (0.065 mi.)***	***C20***	***54***
Status: A				
Comp Number: 14091				
DEUTSCH FASTENER COR	***1315 EAST GRAND AVE***	***WSW 0 - 1/8 (0.099 mi.)***	***C28***	***75***
Status: A				
Comp Number: 12431				
R B H CORP	***211 CALIFORNIA ST***	***SW 1/8 - 1/4 (0.125 mi.)***	***G32***	***81***
Status: A				
Comp Number: 14701				
PACIFIC CLARK AIKEN	***225 OREGON ST***	***SW 1/8 - 1/4 (0.148 mi.)***	***H37***	***96***
Status: A				
Comp Number: 10490				
LAX BUSINESS CENTER	***360 N SEPULVEDA BLVD***	***E 1/8 - 1/4 (0.193 mi.)***	***J49***	***112***
Status: A				
Comp Number: 12164				

Lower Elevation	Address	Direction / Distance	Map ID	Page
INTERNATIONAL RECTIF	***233 KANSAS STREET***	***W 0 - 1/8 (0.002 mi.)***	***A8***	***21***
CITY OF EL SEGUNDO	***150 ILLINOIS ST***	***SE 0 - 1/8 (0.066 mi.)***	***D22***	***57***
Status: A				
Tank Status: A				
Comp Number: 10045				
ELECTROPLY INC	***139 ILLINOIS ST***	***SSE 1/8 - 1/4 (0.135 mi.)***	***F36***	***94***
Status: A				
Tank Status: A				
Comp Number: 10251				
KEVORK TEXACO	***307 N SEPULVEDA BLVD***	***ESE 1/8 - 1/4 (0.183 mi.)***	***J44***	***105***
Status: A				
Tank Status: A				
Comp Number: 13092				
PACIFIC BUILDING MGM	200 N SEPULVEDA BLVD	ESE 1/8 - 1/4 (0.224 mi.)	L57	122
Status: A				
Tank Status: A				
Comp Number: 13278				

CA HIST UST: Historical UST Registered Database.

A review of the CA HIST UST list, as provided by EDR, and dated 10/15/1990 has revealed that there are 6 CA HIST UST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
DEUTSCH FASTENER COR	***1315 EAST GRAND AVE***	***WSW 0 - 1/8 (0.099 mi.)***	***C28***	***75***
Facility Id: 00000017599				
PACIFIC CLARK-AIKEN	***225 OREGON STREET***	***SW 1/8 - 1/4 (0.148 mi.)***	***H38***	***96***
LAX BUSINESS CENTER	300 360 AND 390 N SE	E 1/8 - 1/4 (0.192 mi.)	J47	110

Lower Elevation	Address	Direction / Distance	Map ID	Page
EL SEGUNDO CITY	***150 ILLINOIS ST***	***SE 0 - 1/8 (0.066 mi.)***	***D23***	***60***

Lower Elevation	Address	Direction / Distance	Map ID	Page
ELECTROPLY, INC Facility Id: 00000065957	***139 ILLINOIS ST***	***SSE 1/8 - 1/4 (0.135 mi.)***	***F35***	***87***
HAGOP KIZIRIAN Facility Id: 00000040022	307 N SEPULVEDA BLVD	ESE 1/8 - 1/4 (0.183 mi.)	J45	107

Other Ascertainable Records

RCRA NonGen / NLR: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

A review of the RCRA NonGen / NLR list, as provided by EDR, and dated 12/09/2015 has revealed that there are 2 RCRA NonGen / NLR sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
CHEMICAL MILLING INT	***1330 E. FRANKLIN AVE***	***SW 1/8 - 1/4 (0.165 mi.)***	***G41***	***100***

Lower Elevation	Address	Direction / Distance	Map ID	Page
TRW INC	***300 N SEPULVEDA BLVD***	***E 1/8 - 1/4 (0.196 mi.)***	***J50***	***113***

CA BOND EXP. PLAN: Department of Health Services developed a site-specific expenditure plan as the basis for an appropriation of Hazardous Substance Cleanup Bond Act funds. It is not updated.

A review of the CA BOND EXP. PLAN list, as provided by EDR, and dated 01/01/1989 has revealed that there is 1 CA BOND EXP. PLAN site within approximately 1 mile of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
FORT MCARTHUR	200 NORTH DOUGLAS ST	E 1/2 - 1 (0.936 mi.)	V96	326

CA HIST CORTESE: The sites for the list are designated by the State Water Resource Control Board [LUST], the Integrated Waste Board [SWF/LS], and the Department of Toxic Substances Control [CALSITES]. This listing is no longer updated by the state agency.

A review of the CA HIST CORTESE list, as provided by EDR, and dated 04/01/2001 has revealed that there are 12 CA HIST CORTESE sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
PILLACK PROPERTY Reg Id: I-14091	1410 GRAND	WSW 0 - 1/8 (0.062 mi.)	C17	48
UNOCAL #5866 Reg Id: I-09969	***603 SEPULVEDA BLVD N***	***NE 1/4 - 1/2 (0.306 mi.)***	***68***	***140***
HUGHES AIRCRAFT CO/ Reg Id: R-13531	***1925 MAPLE ST E***	***NNE 1/4 - 1/2 (0.479 mi.)***	***R79***	***169***

Lower Elevation	Address	Direction / Distance	Map ID	Page
INTERNATIONAL RECTIF	***233 KANSAS STREET***	***W 0 - 1/8 (0.002 mi.)***	***A8***	***21***

Lower Elevation	Address	Direction / Distance	Map ID	Page
CITY OF EL SEGUNDO Reg Id: R-20565 Reg Id: 263	***150 ILLINOIS***	***SE 0 - 1/8 (0.066 mi.)***	***D21***	***55***
INT RECTIFIER CORP E Reg Id: I-15781	***233 KANSAS ST***	***SSW 0 - 1/8 (0.068 mi.)***	***E25***	***65***
JIM & JACK AUTO BODY Reg Id: I-13092	***307 SEPULVEDA BLVD N***	***E 1/8 - 1/4 (0.181 mi.)***	***J43***	***103***
CHEVRON #9-7879 Reg Id: I-09890	***101 SEPULVEDA BLVD S***	***SE 1/4 - 1/2 (0.291 mi.)***	***66***	***134***
MATTEL INC Reg Id: 902450089	***1955 E GRAND AVE***	***E 1/4 - 1/2 (0.356 mi.)***	***N69***	***142***
HUGHES AIRCRAFT COMP Reg Id: R-10917X	***2000 EL SEGUNDO BLVD***	***SE 1/4 - 1/2 (0.387 mi.)***	***O71***	***149***
ALLIED SALES & SALVA Reg Id: 19500011	***160 SOUTH SEPULVEDA***	***SSE 1/4 - 1/2 (0.409 mi.)***	***Q76***	***161***
HUGHES AIRCRAFT CO C Reg Id: R-13532	***1990 GRAND AVE E***	***E 1/4 - 1/2 (0.461 mi.)***	***78***	***167***

CA HWP: Detailed information on permitted hazardous waste facilities and corrective action ("cleanups") tracked in EnviroStor.

A review of the CA HWP list, as provided by EDR, and dated 02/22/2016 has revealed that there are 5 CA HWP sites within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
RAYTHEON COMPANY - E EPA Id: CAD000633230 Cleanup Status: OPERATING PERMIT	***2000 EAST EL SEGUNDO***	***ESE 1/2 - 1 (0.548 mi.)***	***S82***	***183***

Lower Elevation	Address	Direction / Distance	Map ID	Page
MATTELL INC. EPA Id: CAD009687336 Cleanup Status: PROTECTIVE FILER	***2031 MARIPOSA AVENUE***	***ENE 1/2 - 1 (0.531 mi.)***	***81***	***174***
NORTHROP CORP AIRCRA EPA Id: CAD000627216 Cleanup Status: CLOSED	***2043 E MARIPOSA AVEN***	***ENE 1/2 - 1 (0.587 mi.)***	***84***	***246***
RAYTHEON CO EPA Id: CAT080010853 Cleanup Status: UNDERGOING CLOSURE	***2030 MAPLE AVENUE***	***NE 1/2 - 1 (0.596 mi.)***	***87***	***254***
THE BOEING COMPANY EPA Id: CAD060897063 Cleanup Status: CLOSED	***1920 E. IMPERIAL HWY***	***NNE 1/2 - 1 (0.760 mi.)***	***U91***	***265***

WI MANIFEST: Hazardous waste manifest information.

A review of the WI MANIFEST list, as provided by EDR, has revealed that there is 1 WI MANIFEST site within approximately 0.25 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
INTERNATIONAL RECTIF	***233 KANSAS STREET***	***W 0 - 1/8 (0.002 mi.)***	***A8***	***21***
ACT Status: A				
FID: 0				
EPA ID: CAD076208313				

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR Hist Auto: EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

A review of the EDR Hist Auto list, as provided by EDR, has revealed that there are 3 EDR Hist Auto sites within approximately 0.125 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
Not reported	1415 E GRAND AVE	SW 0 - 1/8 (0.045 mi.)	B15	45

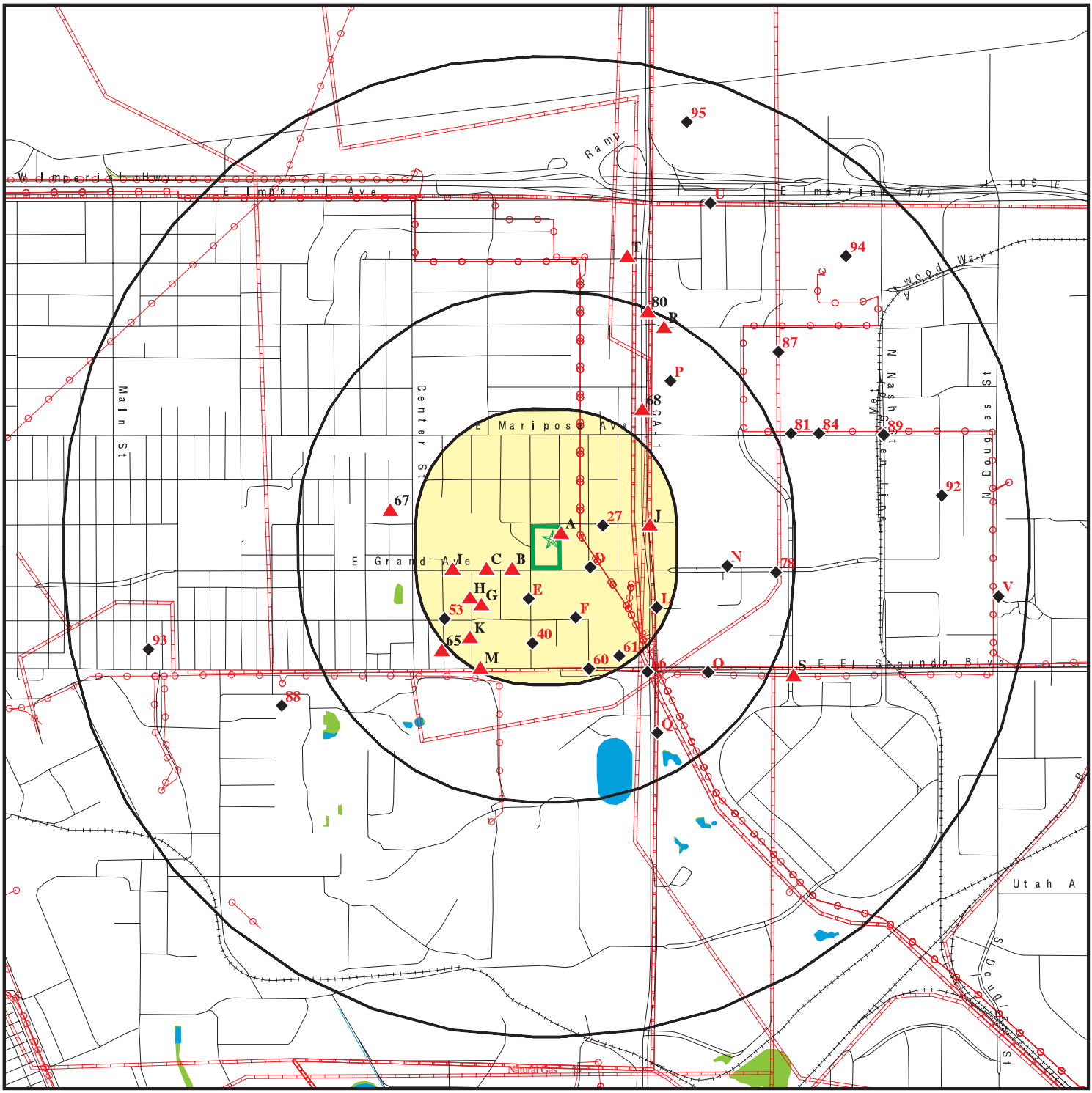
Lower Elevation	Address	Direction / Distance	Map ID	Page
Not reported	1605 E GRAND AVE	SSE 0 - 1/8 (0.005 mi.)	B12	39
Not reported	1661 E FRANKLIN AVE	SSE 0 - 1/8 (0.112 mi.)	F31	81

EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped. Count: 4 records.

Site Name	Database(s)
CITY OF EL SEGUNDO	CA LUST, CA HIST CORTESE CA CDL
DOD - LOS ANGELES AIRFORCE BASE	CA SLIC
JONDA ENTERPRISES	CA SLIC

OVERVIEW MAP - 4656401.2S



Target Property

Sites at elevations higher than or equal to the target property

Sites at elevations lower than the target property

Manufactured Gas Plants

National Priority List Sites

Dept. Defense Sites

0 1/4 1/2 1 Miles

Indian Reservations BIA

Power transmission lines

Pipelines

100-year flood zone

500-year flood zone

National Wetland Inventory

State Wetlands

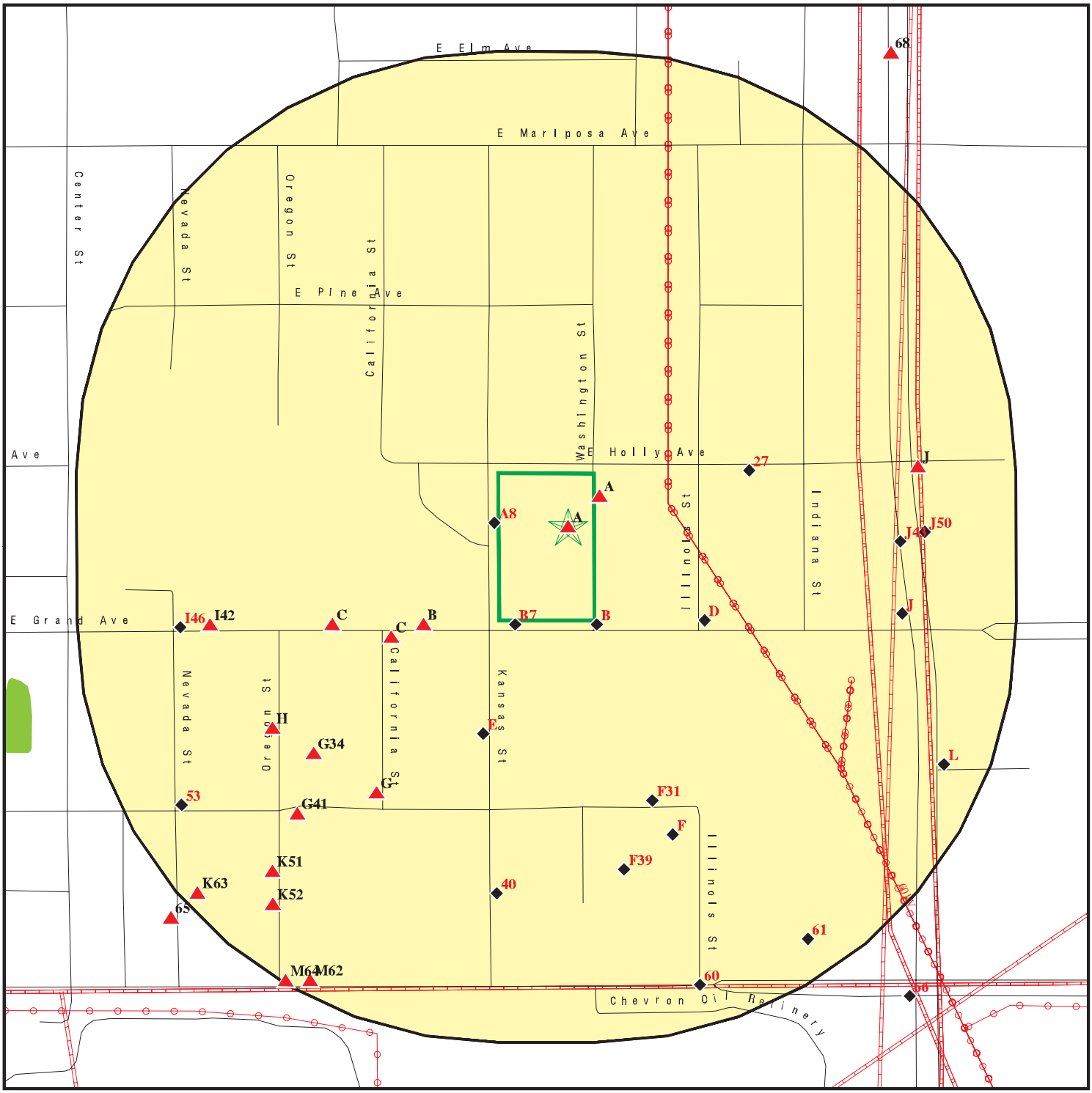
Areas of Concern

This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME:	Infineon Block 2	CLIENT:	ERM - West, Inc.
ADDRESS:	330 Kansas Street El Segundo CA 90245	CONTACT:	Maggie Tymkow
LAT/LONG:	33.920351 / 118.399676	INQUIRY #:	4656401.2s
		DATE:	June 23, 2016 4:18 pm

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DETAIL MAP - 4656401.2S



Target Property

Sites at elevations higher than or equal to the target property

Sites at elevations lower than the target property

Manufactured Gas Plants

Sensitive Receptors

National Priority List Sites

Dept. Defense Sites

Indian Reservations BIA

Power transmission lines

Pipelines

100-year flood zone

500-year flood zone

National Wetland Inventory

State Wetlands

Areas of Concern

This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME:	Infineon Block 2	CLIENT:	ERM - West, Inc.
ADDRESS:	330 Kansas Street El Segundo CA 90245	CONTACT:	Maggie Tymkow
		INQUIRY #:	4656401.2s
LAT/LONG:	33.920351 / 118.399676	DATE:	June 23, 2016 4:19 pm

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MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
STANDARD ENVIRONMENTAL RECORDS								
Federal NPL site list								
NPL	1.000		0	0	0	0	NR	0
Proposed NPL	1.000		0	0	0	0	NR	0
NPL LIENS	TP		NR	NR	NR	NR	NR	0
Federal Delisted NPL site list								
Delisted NPL	1.000		0	0	0	0	NR	0
Federal CERCLIS list								
FEDERAL FACILITY	0.500		0	0	0	NR	NR	0
SEMS	0.500		0	0	0	NR	NR	0
Federal CERCLIS NFRAP site list								
SEMS-ARCHIVE	0.500		1	0	2	NR	NR	3
Federal RCRA CORRACTS facilities list								
CORRACTS	1.000		0	0	0	3	NR	3
Federal RCRA non-CORRACTS TSD facilities list								
RCRA-TSDF	0.500		0	0	0	NR	NR	0
Federal RCRA generators list								
RCRA-LQG	0.250		3	0	NR	NR	NR	3
RCRA-SQG	0.250		10	14	NR	NR	NR	24
RCRA-CESQG	0.250		0	0	NR	NR	NR	0
Federal institutional controls / engineering controls registries								
LUCIS	0.500		0	0	0	NR	NR	0
US ENG CONTROLS	0.500		0	0	0	NR	NR	0
US INST CONTROL	0.500		0	0	0	NR	NR	0
Federal ERNS list								
ERNS	TP		NR	NR	NR	NR	NR	0
State- and tribal - equivalent NPL								
CA RESPONSE	1.000		0	0	0	0	NR	0
State- and tribal - equivalent CERCLIS								
CA ENVIROSTOR	1.000		1	1	4	11	NR	17
State and tribal landfill and/or solid waste disposal site lists								
CA SWF/LF	0.500		0	0	1	NR	NR	1
State and tribal leaking storage tank lists								
CA LUST	0.500		5	1	9	NR	NR	15

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
INDIAN LUST	0.500		0	0	0	NR	NR	0
CA SLIC	0.500		2	1	0	NR	NR	3
State and tribal registered storage tank lists								
FEMA UST	0.250		0	0	NR	NR	NR	0
CA UST	0.250		1	3	NR	NR	NR	4
CA AST	0.250		0	2	NR	NR	NR	2
INDIAN UST	0.250		0	0	NR	NR	NR	0
State and tribal voluntary cleanup sites								
CA VCP	0.500		0	1	1	NR	NR	2
INDIAN VCP	0.500		0	0	0	NR	NR	0
State and tribal Brownfields sites								
CA BROWNFIELDS	0.500		0	0	0	NR	NR	0
ADDITIONAL ENVIRONMENTAL RECORDS								
Local Brownfield lists								
US BROWNFIELDS	0.500		0	0	0	NR	NR	0
Local Lists of Landfill / Solid Waste Disposal Sites								
CA WMUDS/SWAT	0.500		0	0	0	NR	NR	0
CA SWRCY	0.500		0	0	0	NR	NR	0
CA HAULERS	TP		NR	NR	NR	NR	NR	0
INDIAN ODI	0.500		0	0	0	NR	NR	0
DEBRIS REGION 9	0.500		0	0	0	NR	NR	0
ODI	0.500		0	0	0	NR	NR	0
Local Lists of Hazardous waste / Contaminated Sites								
CA AOCONCERN	1.000		0	0	0	0	NR	0
US HIST CDL	TP		NR	NR	NR	NR	NR	0
CA HIST Cal-Sites	1.000		0	0	0	0	NR	0
CA SCH	0.250		0	0	NR	NR	NR	0
CA CDL	TP		NR	NR	NR	NR	NR	0
CA Toxic Pits	1.000		0	0	0	0	NR	0
US CDL	TP		NR	NR	NR	NR	NR	0
Local Lists of Registered Storage Tanks								
CA SWEEPS UST	0.250		4	6	NR	NR	NR	10
CA HIST UST	0.250	1	2	4	NR	NR	NR	7
CA FID UST	0.250		0	0	NR	NR	NR	0
Local Land Records								
CA LIENS	TP		NR	NR	NR	NR	NR	0
LIENS 2	TP		NR	NR	NR	NR	NR	0
CA DEED	0.500		0	0	0	NR	NR	0
Records of Emergency Release Reports								
HMIRS	TP		NR	NR	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
CA CHMIRS	TP	3	NR	NR	NR	NR	NR	3
CA LDS	TP		NR	NR	NR	NR	NR	0
CA MCS	TP		NR	NR	NR	NR	NR	0
CA SPILLS 90	TP		NR	NR	NR	NR	NR	0
Other Ascertainable Records								
RCRA NonGen / NLR	0.250		0	2	NR	NR	NR	2
FUDS	1.000		0	0	0	0	NR	0
DOD	1.000		0	0	0	0	NR	0
SCRD DRYCLEANERS	0.500		0	0	0	NR	NR	0
US FIN ASSUR	TP		NR	NR	NR	NR	NR	0
EPA WATCH LIST	TP		NR	NR	NR	NR	NR	0
2020 COR ACTION	0.250		0	0	NR	NR	NR	0
TSCA	TP		NR	NR	NR	NR	NR	0
TRIS	TP		NR	NR	NR	NR	NR	0
SSTS	TP		NR	NR	NR	NR	NR	0
ROD	1.000		0	0	0	0	NR	0
RMP	TP		NR	NR	NR	NR	NR	0
RAATS	TP		NR	NR	NR	NR	NR	0
PRP	TP		NR	NR	NR	NR	NR	0
PADS	TP		NR	NR	NR	NR	NR	0
ICIS	TP		NR	NR	NR	NR	NR	0
FTTS	TP		NR	NR	NR	NR	NR	0
MLTS	TP		NR	NR	NR	NR	NR	0
COAL ASH DOE	TP		NR	NR	NR	NR	NR	0
COAL ASH EPA	0.500		0	0	0	NR	NR	0
PCB TRANSFORMER	TP		NR	NR	NR	NR	NR	0
RADINFO	TP		NR	NR	NR	NR	NR	0
HIST FTTS	TP		NR	NR	NR	NR	NR	0
DOT OPS	TP		NR	NR	NR	NR	NR	0
CONSENT	1.000		0	0	0	0	NR	0
INDIAN RESERV	1.000		0	0	0	0	NR	0
FUSRAP	1.000		0	0	0	0	NR	0
UMTRA	0.500		0	0	0	NR	NR	0
LEAD SMELTERS	TP		NR	NR	NR	NR	NR	0
US AIRS	TP		NR	NR	NR	NR	NR	0
US MINES	0.250		0	0	NR	NR	NR	0
FINDS	TP		NR	NR	NR	NR	NR	0
UXO	1.000		0	0	0	0	NR	0
DOCKET HWC	TP		NR	NR	NR	NR	NR	0
CA BOND EXP. PLAN	1.000		0	0	0	1	NR	1
CA Cortese	0.500		0	0	0	NR	NR	0
CA CUPA Listings	0.250		0	0	NR	NR	NR	0
CA DRYCLEANERS	0.250		0	0	NR	NR	NR	0
CA EMI	TP		NR	NR	NR	NR	NR	0
CA ENF	TP		NR	NR	NR	NR	NR	0
CA Financial Assurance	TP		NR	NR	NR	NR	NR	0
CA HAZNET	TP	1	NR	NR	NR	NR	NR	1
CA HIST CORTESE	0.500		4	1	7	NR	NR	12
CA LOS ANGELES CO. HMS	TP	2	NR	NR	NR	NR	NR	2
CA HWP	1.000		0	0	0	5	NR	5

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
CA HWT	0.250		0	0	NR	NR	NR	0
NY MANIFEST	0.250		0	0	NR	NR	NR	0
WI MANIFEST	0.250		1	0	NR	NR	NR	1
CA MINES	TP		NR	NR	NR	NR	NR	0
CA MWMP	0.250		0	0	NR	NR	NR	0
CA NPDES	TP		NR	NR	NR	NR	NR	0
CA PEST LIC	TP		NR	NR	NR	NR	NR	0
CA PROC	0.500		0	0	0	NR	NR	0
CA Notify 65	1.000		0	0	0	0	NR	0
LA Co. Site Mitigation	TP		NR	NR	NR	NR	NR	0
CA UIC	TP		NR	NR	NR	NR	NR	0
CA WASTEWATER PITS	0.500		0	0	0	NR	NR	0
CA WDS	TP		NR	NR	NR	NR	NR	0
CA WIP	0.250		0	0	NR	NR	NR	0
ECHO	TP		NR	NR	NR	NR	NR	0
FUELS PROGRAM	0.250		0	0	NR	NR	NR	0
EDR HIGH RISK HISTORICAL RECORDS								
EDR Exclusive Records								
EDR MGP	1.000		0	0	0	0	NR	0
EDR Hist Auto	0.125		3	NR	NR	NR	NR	3
EDR Hist Cleaner	0.125		0	NR	NR	NR	NR	0
EDR RECOVERED GOVERNMENT ARCHIVES								
Exclusive Recovered Govt. Archives								
CA RGA LF	TP		NR	NR	NR	NR	NR	0
CA RGA LUST	TP		NR	NR	NR	NR	NR	0
- Totals --		7	37	36	24	20	0	124

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

A1 **INTERNATIONAL RECTIFIER** **CA LOS ANGELES CO. HMS** **S118495645**
Target **330 KANSAS ST** **N/A**
Property **EL SEGUNDO, CA 90245**

Site 1 of 9 in cluster A

Actual:
120 ft.

LOS ANGELES CO. HMS:
Region: LA
Permit Category: I
Facility Id: 008437-I10118
Facility Type: 01
Facility Status: Removed
Area: 2N
Permit Number: 000012484
Permit Status: Removed

A2 **INTERNATIONAL RECTIFIRE** **CA HIST UST** **S118411370**
Target **330 KANSAS ST** **N/A**
Property **EL SEGUNDO, CA 90245**

Site 2 of 9 in cluster A

Actual:
120 ft.

HIST UST:
File Number: 00026FCE
URL: http://geotracker.waterboards.ca.gov/ustpdfs/pdf/00026FCE.pdf
Region: Not reported
Facility ID: Not reported
Facility Type: Not reported
Other Type: Not reported
Contact Name: Not reported
Telephone: Not reported
Owner Name: Not reported
Owner Address: Not reported
Owner City,St,Zip: Not reported
Total Tanks: Not reported

Tank Num: Not reported
Container Num: Not reported
Year Installed: Not reported
Tank Capacity: Not reported
Tank Used for: Not reported
Type of Fuel: Not reported
Container Construction Thickness: Not reported
Leak Detection: Not reported

Click here for Geo Tracker PDF:

A3 **CA CHMIRS** **S105637922**
Target **INTERNATIONAL RECTIFIER 330 KANSAS STREET** **N/A**
Property **EL SEGUNDO, CA 90245**

Site 3 of 9 in cluster A

Actual:
120 ft.

CHMIRS:
OES Incident Number: 11356
OES notification: Not reported
OES Date: 12/15/1995
OES Time: 06:27:11 PM

(Continued) **S105637922**

Date Completed:	**Not reported**
Property Use:	Not reported
Agency Id Number:	Not reported
Agency Incident Number:	Not reported
Time Notified:	Not reported
Time Completed:	Not reported
Surrounding Area:	Not reported
Estimated Temperature:	Not reported
Property Management:	Not reported
More Than Two Substances Involved?:	Not reported
Resp Agncy Personel # Of Decontaminated:	Not reported
Responding Agency Personel # Of Injuries:	Not reported
Responding Agency Personel # Of Fatalities:	Not reported
Others Number Of Decontaminated:	Not reported
Others Number Of Injuries:	Not reported
Others Number Of Fatalities:	Not reported
Vehicle Make/year:	Not reported
Vehicle License Number:	Not reported
Vehicle State:	Not reported
Vehicle Id Number:	Not reported
CA DOT PUC/ICC Number:	Not reported
Company Name:	Not reported
Reporting Officer Name/ID:	Not reported
Report Date:	Not reported
Facility Telephone:	Not reported
Waterway Involved:	YES
Waterway:	Not reported
Spill Site:	Not reported
Cleanup By:	pressure vessil service, inc
Containment:	Not reported
What Happened:	Not reported
Type:	CHEMICAL
Measure:	Not reported
Other:	Not reported
Date/Time:	Not reported
Year:	1995
Agency:	el segundo fd
Incident Date:	0916/15dec95
Admin Agency:	Not reported
Amount:	10gals
Contained:	NO
Site Type:	IND PLT
E Date:	Not reported
Substance:	sulfiric acid 28%
Unknown:	Not reported
Substance #2:	Not reported
Substance #3:	Not reported
Evacuations:	NO
Number of Injuries:	NO
Number of Fatalities:	NO
#1 Pipeline:	Not reported
#2 Pipeline:	Not reported
#3 Pipeline:	Not reported
#1 Vessel >= 300 Tons:	Not reported
#2 Vessel >= 300 Tons:	Not reported
#3 Vessel >= 300 Tons:	Not reported
Evacs:	Not reported

(Continued) **S105637922**

Injuries:	Not reported
Fatals:	Not reported
Comments:	Not reported
Description:	offloading acid into tank, fill tube broke, causing spill, operator shut down transfer pump

---

A4 **INTERNATIONAL RECTIFIER** **CA LOS ANGELES CO. HMS** **S118495644**
Target Property **330 KANSAS ST** **N/A**
EL SEGUNDO, CA 90245

Site 4 of 9 in cluster A

Actual: 120 ft.

LOS ANGELES CO. HMS:

Region:	LA
Permit Category:	T
Facility Id:	008437-010118
Facility Type:	0
Facility Status:	Closed
Area:	2N
Permit Number:	00001570T
Permit Status:	Closed

A5 **CA CHMIRS** **S108406452**
Target Property **330 KANSAS ST.** **N/A**
EL SEGUNDO, CA 90245

Site 5 of 9 in cluster A

Actual: 120 ft.

CHMIRS:

OES Incident Number:	5-7083
OES notification:	12/07/2005
OES Date:	Not reported
OES Time:	Not reported
Date Completed:	**Not reported**
Property Use:	Not reported
Agency Id Number:	Not reported
Agency Incident Number:	Not reported
Time Notified:	Not reported
Time Completed:	Not reported
Surrounding Area:	Not reported
Estimated Temperature:	Not reported
Property Management:	Not reported
More Than Two Substances Involved?:	Not reported
Resp Agncy Personel # Of Decontaminated:	Not reported
Responding Agency Personel # Of Injuries:	Not reported
Responding Agency Personel # Of Fatalities:	Not reported
Others Number Of Decontaminated:	Not reported
Others Number Of Injuries:	Not reported
Others Number Of Fatalities:	Not reported
Vehicle Make/year:	Not reported
Vehicle License Number:	Not reported
Vehicle State:	Not reported
Vehicle Id Number:	Not reported
CA DOT PUC/ICC Number:	Not reported
Company Name:	Not reported
Reporting Officer Name/ID:	Not reported

(Continued) **S108406452**

Report Date:	Not reported
Facility Telephone:	Not reported
Waterway Involved:	Not reported
Waterway:	Not reported
Spill Site:	Not reported
Cleanup By:	None
Containment:	Not reported
What Happened:	Not reported
Type:	Not reported
Measure:	Not reported
Other:	Not reported
Date/Time:	Not reported
Year:	2005
Agency:	International Rectifier
Incident Date:	12/7/200512:00:00 AM
Admin Agency:	El Segundo Fire Department
Amount:	Not reported
Contained:	Yes
Site Type:	Industrial Plant
E Date:	Not reported
Substance:	Caustic liquid
Gallons:	900
Unknown:	0
Substance #2:	Not reported
Substance #3:	Not reported
Evacuations:	0
Number of Injuries:	0
Number of Fatalities:	0
#1 Pipeline:	Not reported
#2 Pipeline:	Not reported
#3 Pipeline:	Not reported
#1 Vessel >= 300 Tons:	Not reported
#2 Vessel >= 300 Tons:	Not reported
#3 Vessel >= 300 Tons:	Not reported
Evacs:	Not reported
Injuries:	Not reported
Fatals:	Not reported
Comments:	Not reported
Description:	Human error allowed this release during maintenance.
OES Incident Number:	08-2750
OES notification:	04/12/2008
OES Date:	Not reported
OES Time:	Not reported
Date Completed:	**Not reported**
Property Use:	Not reported
Agency Id Number:	Not reported
Agency Incident Number:	Not reported
Time Notified:	Not reported
Time Completed:	Not reported
Surrounding Area:	Not reported
Estimated Temperature:	Not reported
Property Management:	Not reported
More Than Two Substances Involved?:	Not reported
Resp Agncy Personel # Of Decontaminated:	Not reported
Responding Agency Personel # Of Injuries:	Not reported

(Continued) **S108406452**

Responding Agency Personel # Of Fatalities:	Not reported
Others Number Of Decontaminated:	Not reported
Others Number Of Injuries:	Not reported
Others Number Of Fatalities:	Not reported
Vehicle Make/year:	Not reported
Vehicle License Number:	Not reported
Vehicle State:	Not reported
Vehicle Id Number:	Not reported
CA DOT PUC/ICC Number:	Not reported
Company Name:	Not reported
Reporting Officer Name/ID:	Not reported
Report Date:	Not reported
Facility Telephone:	Not reported
Waterway Involved:	Yes
Waterway:	storm drain
Spill Site:	Merchant/Business
Cleanup By:	Reporting Party
Containment:	Not reported
What Happened:	Not reported
Type:	Not reported
Measure:	Gal(s)
Other:	Not reported
Date/Time:	1720
Year:	2008
Agency:	International Rectifiers
Incident Date:	4/12/2008
Admin Agency:	El Segundo Fire Department
Amount:	Not reported
Contained:	Yes
Site Type:	storm drain
E Date:	Not reported
Substance:	Dilute 15% Potassium Hydroxide
Quantity Released:	100
Unknown:	Not reported
Substance #2:	Not reported
Substance #3:	Not reported
Evacuations:	0
Number of Injuries:	0
Number of Fatalities:	0
#1 Pipeline:	Not reported
#2 Pipeline:	Not reported
#3 Pipeline:	Not reported
#1 Vessel >= 300 Tons:	Not reported
#2 Vessel >= 300 Tons:	Not reported
#3 Vessel >= 300 Tons:	Not reported
Evacs:	Not reported
Injuries:	Not reported
Fatals:	Not reported
Comments:	Not reported
Description:	An overflow tank on a scrubber system failed resulting in product flooding a room and then it flowed outside and into a storm drain. This product has an elevated PH of about 9-11. Per caller: this is not a reportable amount but called due to a release.

A6 **INTERNAIONAL RECTIFIER** **CA CHMIRS** **S108404151**
Target **330 KANSAS ST** **CA HAZNET** **N/A**
Property **EL SEGUNDO, CA 90245**

Site 6 of 9 in cluster A

Actual:
120 ft.

CHMIRS:

OES Incident Number:	5-4157
OES notification:	07/14/2005
OES Date:	Not reported
OES Time:	Not reported
Date Completed:	**Not reported**
Property Use:	Not reported
Agency Id Number:	Not reported
Agency Incident Number:	Not reported
Time Notified:	Not reported
Time Completed:	Not reported
Surrounding Area:	Not reported
Estimated Temperature:	Not reported
Property Management:	Not reported
More Than Two Substances Involved?:	Not reported
Resp Agncy Personel # Of Decontaminated:	Not reported
Responding Agency Personel # Of Injuries:	Not reported
Responding Agency Personel # Of Fatalities:	Not reported
Others Number Of Decontaminated:	Not reported
Others Number Of Injuries:	Not reported
Others Number Of Fatalities:	Not reported
Vehicle Make/year:	Not reported
Vehicle License Number:	Not reported
Vehicle State:	Not reported
Vehicle Id Number:	Not reported
CA DOT PUC/ICC Number:	Not reported
Company Name:	Not reported
Reporting Officer Name/ID:	Not reported
Report Date:	Not reported
Facility Telephone:	Not reported
Waterway Involved:	Not reported
Waterway:	storm drain
Spill Site:	Not reported
Cleanup By:	Contractor
Containment:	Not reported
What Happened:	Not reported
Type:	Not reported
Measure:	Not reported
Other:	Not reported
Date/Time:	Not reported
Year:	2005
Agency:	International Rectifier
Incident Date:	7/13/200512:00:00 AM
Admin Agency:	El Segundo Fire Department
Amount:	Not reported
Contained:	Unknown
Site Type:	Other
E Date:	Not reported
Substance:	Compressor Oil
Gallons:	5
Unknown:	0
Substance #2:	Not reported
Substance #3:	Not reported

INTERNAIONAL RECTIFIER (Continued) **S108404151**

Evacuations:	0
Number of Injuries:	0
Number of Fatalities:	0
#1 Pipeline:	Not reported
#2 Pipeline:	Not reported
#3 Pipeline:	Not reported
#1 Vessel >= 300 Tons:	Not reported
#2 Vessel >= 300 Tons:	Not reported
#3 Vessel >= 300 Tons:	Not reported
Evacs:	Not reported
Injuries:	Not reported
Fatals:	Not reported
Comments:	Not reported
Description:	A valve blew on air compressor. The storm drain is being cleaned by a contractor.

HAZNET:

envid:	S108404151
Year:	2014
GEPAID:	CAC002754425
Contact:	RO GUNETILLEKE
Telephone:	3107268974
Mailing Name:	Not reported
Mailing Address:	101 N SEPULVEDA BLVD
Mailing City,St,Zip:	EL SEGUNDO, CA 90245
Gen County:	Los Angeles
TSD EPA ID:	CAD097030993
TSD County:	Los Angeles
Waste Category:	Liquids with arsenic >= 500 Mg./L
Disposal Method:	Discharge To Sewer/Potw Or Npdes(With Prior Storage--With Or Without Treatment)
Tons:	0.1251
Cat Decode:	Liquids with arsenic >= 500 Mg./L
Method Decode:	Discharge To Sewer/Potw Or Npdes(With Prior Storage--With Or Without Treatment)
Facility County:	Los Angeles

envid:	S108404151
Year:	2014
GEPAID:	CAC002754425
Contact:	RO GUNETILLEKE
Telephone:	3107268974
Mailing Name:	Not reported
Mailing Address:	101 N SEPULVEDA BLVD
Mailing City,St,Zip:	EL SEGUNDO, CA 90245
Gen County:	Los Angeles
TSD EPA ID:	CAD008252405
TSD County:	Los Angeles
Waste Category:	Other organic solids
Disposal Method:	Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.3
Cat Decode:	Other organic solids
Method Decode:	Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Facility County:	Los Angeles

INTERNAIONAL RECTIFIER (Continued) **S108404151**

envid: S108404151
Year: 2014
GEPAID: CAC002754425
Contact: RO GUNETILLEKE
Telephone: 3107268974
Mailing Name: Not reported
Mailing Address: 101 N SEPULVEDA BLVD
Mailing City,St,Zip: EL SEGUNDO, CA 90245
Gen County: Los Angeles
TSD EPA ID: UTD981552177
TSD County: 99
Waste Category: Other organic solids
Disposal Method: Incineration--Thermal Destruction Other Than Use As A Fuel
Tons: 0.045
Cat Decode: Other organic solids
Method Decode: Incineration--Thermal Destruction Other Than Use As A Fuel
Facility County: Los Angeles

envid: S108404151
Year: 2014
GEPAID: CAC002754425
Contact: RO GUNETILLEKE
Telephone: 3107268974
Mailing Name: Not reported
Mailing Address: 101 N SEPULVEDA BLVD
Mailing City,St,Zip: EL SEGUNDO, CA 90245
Gen County: Los Angeles
TSD EPA ID: NVT330010000
TSD County: 99
Waste Category: Other inorganic solid waste
Disposal Method: Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Tons: 12.5
Cat Decode: Other inorganic solid waste
Method Decode: Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Facility County: Los Angeles

envid: S108404151
Year: 2013
GEPAID: CAC002754425
Contact: RO GUNETILLEKE
Telephone: 3107268974
Mailing Name: Not reported
Mailing Address: 101 N SEPULVEDA BLVD
Mailing City,St,Zip: EL SEGUNDO, CA 90245
Gen County: Los Angeles
TSD EPA ID: CAD009007626
TSD County: Los Angeles
Waste Category: Not reported
Disposal Method: Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Tons: 16
Cat Decode: Not reported
Method Decode: Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Facility County: Not reported

INTERNAIONAL RECTIFIER (Continued) **S108404151**

Click this hyperlink while viewing on your computer to access additional CA_HAZNET: detail in the EDR Site Report.

B7 **INTERNATIONAL RECTIFIER EL SEGUNDO** **RCRA-LQG** **1010314119**
SSW **1521 GRAND** **CAR000182261**
< 1/8 **EL SEGUNDO, CA 90245**
0.002 mi.
12 ft. **Site 1 of 6 in cluster B**

Relative:
Lower

Actual:
115 ft.

RCRA-LQG:

Date form received by agency:	03/01/2014
Facility name:	INTERNATIONAL RECTIFIER EL SEGUNDO
Facility address:	1521 GRAND EL SEGUNDO, CA 90245
EPA ID:	CAR000182261
Mailing address:	GRAND EL SEGUNDO, CA 90245
Contact:	RO GUNTILLEKE
Contact address:	GRAND EL SEGUNDO, CA 90245
Contact country:	Not reported
Contact telephone:	(310) 726-8974
Contact email:	RGUNETIL@IRF.COM
EPA Region:	09
Classification:	Large Quantity Generator
Description:	Handler: generates 1,000 kg or more of hazardous waste during any calendar month; or generates more than 1 kg of acutely hazardous waste during any calendar month; or generates more than 100 kg of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month; or generates 1 kg or less of acutely hazardous waste during any calendar month, and accumulates more than 1 kg of acutely hazardous waste at any time; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates more than 100 kg of that material at any time

Owner/Operator Summary:

Owner/operator name:	INTERNATIONAL RECTIFIER
Owner/operator address:	SEPULVEDA BLVD EL SEGUNDO, CA 90245
Owner/operator country:	Not reported
Owner/operator telephone:	(310) 726-8974
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	01/01/1948
Owner/Op end date:	Not reported

Owner/operator name:	INTERNATIONAL RECTIFIER
Owner/operator address:	Not reported Not reported
Owner/operator country:	Not reported
Owner/operator telephone:	Not reported
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	01/01/1948

INTERNATIONAL RECTIFIER EL SEGUNDO (Continued) **1010314119**

Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: D002
. Waste name: CORROSIVE WASTE

. Waste code: D003
. Waste name: REACTIVE WASTE

. Waste code: D004
. Waste name: ARSENIC

. Waste code: D008
. Waste name: LEAD

. Waste code: D009
. Waste name: MERCURY

. Waste code: F003
. Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: U134
. Waste name: HYDROFLUORIC ACID (C,T) (OR) HYDROGEN FLUORIDE (C,T)

Historical Generators:
Date form received by agency: 02/13/2012
Site name: INTERNATIONAL RECTIFIER EL SEGUNDO
Classification: Large Quantity Generator

INTERNATIONAL RECTIFIER EL SEGUNDO (Continued) **1010314119**

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: D002
. Waste name: CORROSIVE WASTE

. Waste code: D003
. Waste name: REACTIVE WASTE

. Waste code: D004
. Waste name: ARSENIC

. Waste code: D005
. Waste name: BARIUM

. Waste code: D007
. Waste name: CHROMIUM

. Waste code: D008
. Waste name: LEAD

. Waste code: D009
. Waste name: MERCURY

. Waste code: F003
. Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Date form received by agency: 06/15/2010
Site name: INTERNATIONAL RECTIFIER
Classification: Large Quantity Generator

. Waste code: 135
. Waste name: 135

. Waste code: 181
. Waste name: 181

. Waste code: 221
. Waste name: 221

. Waste code: 331
. Waste name: 331

. Waste code: 343
. Waste name: 343

. Waste code: 551
. Waste name: 551

INTERNATIONAL RECTIFIER EL SEGUNDO (Continued) **1010314119**

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: D002
. Waste name: CORROSIVE WASTE

. Waste code: D004
. Waste name: ARSENIC

. Waste code: D008
. Waste name: LEAD

. Waste code: D009
. Waste name: MERCURY

. Waste code: D011
. Waste name: SILVER

. Waste code: F003
. Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Date form received by agency: 04/17/2008
Site name: INTERNATIONAL RECTIFIER
Classification: Large Quantity Generator

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: D002
. Waste name: CORROSIVE WASTE

. Waste code: D003
. Waste name: REACTIVE WASTE

. Waste code: D004
. Waste name: ARSENIC

. Waste code: D009
. Waste name: MERCURY

. Waste code: F003
. Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR

INTERNATIONAL RECTIFIER EL SEGUNDO (Continued) **1010314119**

MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Date form received by agency: 03/07/2007
Site name: INTERNATIONAL RECTIFIER
Classification: Large Quantity Generator

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: D002
. Waste name: CORROSIVE WASTE

. Waste code: D004
. Waste name: ARSENIC

. Waste code: D009
. Waste name: MERCURY

. Waste code: F003
. Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Biennial Reports:

Last Biennial Reporting Year: 2013

Annual Waste Handled:
Waste code: D001
Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.
Amount (Lbs): 34296.5

Waste code: D002
Waste name: A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.
Amount (Lbs): 1651

Waste code: D003

INTERNATIONAL RECTIFIER EL SEGUNDO (Continued) **1010314119**

Waste name: A MATERIAL IS CONSIDERED TO BE A REACTIVE HAZARDOUS WASTE IF IT IS NORMALLY UNSTABLE, REACTS VIOLENTLY WITH WATER, GENERATES TOXIC GASES WHEN EXPOSED TO WATER OR CORROSIVE MATERIALS, OR IF IT IS CAPABLE OF DETONATION OR EXPLOSION WHEN EXPOSED TO HEAT OR A FLAME. ONE EXAMPLE OF SUCH WASTE WOULD BY WASTE GUNPOWDER.
Amount (Lbs): 436

Waste code: D004
Waste name: ARSENIC
Amount (Lbs): 1095

Waste code: D005
Waste name: BARIUM
Amount (Lbs): 416

Waste code: D007
Waste name: CHROMIUM
Amount (Lbs): 416

Waste code: D008
Waste name: LEAD
Amount (Lbs): 416

Waste code: D009
Waste name: MERCURY
Amount (Lbs): 12

Waste code: F003
Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NON-HALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS, AND, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
Amount (Lbs): 35199.5

Violation Status: No violations found

A8 **INTERNATIONAL RECTIFIER** **SEMS-ARCHIVE** **1000216983**
West **233 KANSAS STREET** **RCRA-LQG** **CAD076208313**
< 1/8 **EL SEGUNDO, CA 90245** **CA LUST**
0.002 mi. **CA SWEEPS UST**
13 ft. **Site 7 of 9 in cluster A** **US AIRS**
FINDS
Relative: **CA HIST CORTESE**
Lower **WI MANIFEST**
ECHO

Actual:
102 ft.

SEMS-ARCHIVE:
Site ID: 905276
EPA ID: CAD076208313
Federal Facility: N
NPL: Not on the NPL
Non NPL Status: NFRAP-Site does not qualify for the NPL based on existing information

INTERNATIONAL RECTIFIER (Continued) **1000216983**

Following information was gathered from the prior CERCLIS update completed in 10/2013:
Site ID: 0905276
Federal Facility: Not a Federal Facility
NPL Status: Not on the NPL
Non NPL Status: NFRAP-Site does not qualify for the NPL based on existing information

CERCLIS-NFRAP Site Contact Details:
Contact Sequence ID: 13285338.00000
Person ID: 13003854.00000

Contact Sequence ID: 13290933.00000
Person ID: 13003858.00000

Contact Sequence ID: 13296791.00000
Person ID: 13004003.00000

CERCLIS-NFRAP Assessment History:
Action: DISCOVERY
Date Started: / /
Date Completed: 08/23/95
Priority Level: Not reported

Action: ARCHIVE SITE
Date Started: / /
Date Completed: 09/24/96
Priority Level: Not reported

Action: PRELIMINARY ASSESSMENT
Date Started: / /
Date Completed: 09/24/96
Priority Level: NFRAP-Site does not qualify for the NPL based on existing information

RCRA-LQG:
Date form received by agency: 04/17/2008
Facility name: INTERNATIONAL RECTIFIER
Facility address: 233 KANSAS STREET
EL SEGUNDO, CA 90245
EPA ID: CAD076208313
Contact: DIANE E NIX
Contact address: Not reported
Not reported
Contact country: US
Contact telephone: (310) 726-8291
Contact email: DNIX1@IRF.COM
EPA Region: 09
Classification: Large Quantity Generator
Description: Handler: generates 1,000 kg or more of hazardous waste during any calendar month; or generates more than 1 kg of acutely hazardous waste during any calendar month; or generates more than 100 kg of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month; or generates 1 kg or less of acutely hazardous waste during any calendar month, and accumulates more than 1 kg of acutely hazardous waste at any time; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely

INTERNATIONAL RECTIFIER (Continued) **1000216983**

hazardous waste during any calendar month, and accumulates more than 100 kg of that material at any time

Owner/Operator Summary:

Owner/operator name:	INTERNATIONAL RECTFIER
Owner/operator address:	233 KANSAS STREET
	EL SEGUNDO, CA 90245
Owner/operator country:	US
Owner/operator telephone:	Not reported
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	01/01/1948
Owner/Op end date:	Not reported
Owner/operator name:	INTERNATIONAL RECTIFIER
Owner/operator address:	Not reported
	Not reported
Owner/operator country:	US
Owner/operator telephone:	Not reported
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	01/01/1948
Owner/Op end date:	Not reported

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No
Used oil Specification marketer:	No
Used oil transfer facility:	No
Used oil transporter:	No

. Waste code:	D001
. Waste name:	IGNITABLE WASTE
. Waste code:	D002
. Waste name:	CORROSIVE WASTE
. Waste code:	D003
. Waste name:	REACTIVE WASTE
. Waste code:	D004
. Waste name:	ARSENIC
. Waste code:	D008
. Waste name:	LEAD

INTERNATIONAL RECTIFIER (Continued) **1000216983**

. Waste code: D009
. Waste name: MERCURY

. Waste code: F003
. Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: U219
. Waste name: THIOUREA

Historical Generators:
Date form received by agency: 04/06/2007
Site name: INTERNATIONAL RECTIFIER
Classification: Large Quantity Generator

. Waste code: D011
. Waste name: SILVER

Date form received by agency: 02/28/2006
Site name: INTERNATIONAL RECTIFIER
Classification: Large Quantity Generator

. Waste code: 212
. Waste name: 212

. Waste code: 352
. Waste name: 352

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: D002
. Waste name: CORROSIVE WASTE

. Waste code: D004
. Waste name: ARSENIC

. Waste code: D009
. Waste name: MERCURY

Date form received by agency: 03/01/2004
Site name: INTERNATIONAL RECTIFIER
Classification: Large Quantity Generator

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: D002
. Waste name: CORROSIVE WASTE

INTERNATIONAL RECTIFIER (Continued) **1000216983**

. Waste code: D004
. Waste name: ARSENIC

. Waste code: D009
. Waste name: MERCURY

Date form received by agency: 03/01/2002
Site name: INTERNATIONAL RECTIFIER
Classification: Large Quantity Generator

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: D002
. Waste name: CORROSIVE WASTE

. Waste code: D003
. Waste name: REACTIVE WASTE

. Waste code: F003
. Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: U226
. Waste name: ETHANE, 1,1,1-TRICHLORO- (OR) METHYL CHLOROFORM

Date form received by agency: 10/12/2000
Site name: INTERNATIONAL RECTIFIER
Classification: Large Quantity Generator

Date form received by agency: 03/04/1999
Site name: INTERNATIONAL RECTIFIER CORPORATION
Classification: Large Quantity Generator

Date form received by agency: 09/01/1996
Site name: INTERNATIONAL RECTIFIER INC
Classification: Large Quantity Generator

Date form received by agency: 02/23/1996
Site name: INTERNATIONAL RECTIFIER
Classification: Large Quantity Generator

Date form received by agency: 03/29/1994
Site name: INTERNATIONAL RECTIFIER
Classification: Large Quantity Generator

Date form received by agency: 02/14/1992
Site name: INTERNATIONAL RECTIFIER INC
Classification: Large Quantity Generator

INTERNATIONAL RECTIFIER (Continued) **1000216983**

Date form received by agency: 08/18/1980
Site name: INTERNATIONAL RECTIFIER INC
Classification: Large Quantity Generator

Violation Status: No violations found

LUST REG 4:

Region:	4
Regional Board:	04
County:	Los Angeles
Facility Id:	908130489
Status:	Remedial action (cleanup) Underway
Substance:	Waste Water
Substance Quantity:	Not reported
Local Case No:	Not reported
Case Type:	Groundwater
Abatement Method Used at the Site:	Not reported
Global ID:	T0603701959
W Global ID:	Not reported
Staff:	UNK
Local Agency:	19060
Cross Street:	CASPIAN
Enforcement Type:	Not reported
Date Leak Discovered:	2/27/1990
Date Leak First Reported:	6/6/1990
Date Leak Record Entered:	6/5/1990
Date Confirmation Began:	Not reported
Date Leak Stopped:	2/27/1990
Date Case Last Changed on Database:	6/6/1990
Date the Case was Closed:	Not reported
How Leak Discovered:	OM
How Leak Stopped:	Not reported
Cause of Leak:	Overfill
Leak Source:	Other Source
Operator:	OLD CASE #960119-01
Water System:	Not reported
Well Name:	Not reported
Approx. Dist To Production Well (ft):	15746.384384197494096821245649
Source of Cleanup Funding:	Other Source
Preliminary Site Assessment Workplan Submitted:	Not reported
Preliminary Site Assessment Began:	Not reported
Pollution Characterization Began:	Not reported
Remediation Plan Submitted:	Not reported
Remedial Action Underway:	2/27/1990
Post Remedial Action Monitoring Began:	Not reported
Enforcement Action Date:	Not reported
Historical Max MTBE Date:	Not reported
Hist Max MTBE Conc in Groundwater:	Not reported
Hist Max MTBE Conc in Soil:	Not reported
Significant Interim Remedial Action Taken:	Not reported
GW Qualifier:	Not reported
Soil Qualifier:	Not reported
Organization:	Not reported
Owner Contact:	Not reported
Responsible Party:	PRINT L.A. INC.
RP Address:	1520 16TH ST., W., LONG BEACH, 90813
Program:	LUST
Lat/Long:	33.7870927 / -1

INTERNATIONAL RECTIFIER (Continued) **1000216983**

Local Agency Staff: Not reported
Beneficial Use: Not reported
Priority: Not reported
Cleanup Fund Id: Not reported
Suspended: Not reported
Assigned Name: Not reported
Summary: Not reported

SWEEPS UST:
Status: Active
Comp Number: 10118
Number: 9
Board Of Equalization: 44-008713
Referral Date: 06-30-89
Action Date: Not reported
Created Date: 06-30-89
Owner Tank Id: Not reported
SWRCB Tank Id: 19-000-010118-000001
Tank Status: A
Capacity: Not reported
Active Date: 06-30-89
Tank Use: UNKNOWN
STG: W
Content: Not reported
Number Of Tanks: 3

Status: Active
Comp Number: 10118
Number: 9
Board Of Equalization: 44-008713
Referral Date: 06-30-89
Action Date: Not reported
Created Date: 06-30-89
Owner Tank Id: Not reported
SWRCB Tank Id: 19-000-010118-000002
Tank Status: A
Capacity: Not reported
Active Date: 06-30-89
Tank Use: UNKNOWN
STG: W
Content: Not reported
Number Of Tanks: Not reported

Status: Active
Comp Number: 10118
Number: 9
Board Of Equalization: 44-008713
Referral Date: 06-30-89
Action Date: Not reported
Created Date: 06-30-89
Owner Tank Id: Not reported
SWRCB Tank Id: 19-000-010118-000003
Tank Status: A
Capacity: Not reported
Active Date: 06-30-89
Tank Use: UNKNOWN
STG: W

INTERNATIONAL RECTIFIER (Continued) **1000216983**

Content: Not reported
Number Of Tanks: Not reported

US AIRS MINOR:
Envid: 1000216983
Region Code: 09
Programmatic ID: AIR CASCA0000603700956
Facility Registry ID: 110064159119
D and B Number: Not reported
Primary SIC Code: 3674
NAICS Code: 334413
Default Air Classification Code: MIN
Facility Type of Ownership Code: POF
Air CMS Category Code: Not reported
HPV Status: Not reported

US AIRS MINOR:
Region Code: 09
Programmatic ID: AIR CASCA0000603700956
Facility Registry ID: 110064159119
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1978-01-24 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA0000603700956
Facility Registry ID: 110064159119
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1978-09-11 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA0000603700956
Facility Registry ID: 110064159119
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1979-08-02 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA0000603700956
Facility Registry ID: 110064159119
Air Operating Status Code: OPR

INTERNATIONAL RECTIFIER (Continued) **1000216983**

Default Air Classification Code: MIN
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1980-08-06 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA0000603700956
Facility Registry ID: 110064159119
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1981-02-24 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA0000603700956
Facility Registry ID: 110064159119
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1982-01-28 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA0000603700956
Facility Registry ID: 110064159119
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1983-02-23 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA0000603700956
Facility Registry ID: 110064159119
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1983-09-27 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09

INTERNATIONAL RECTIFIER (Continued) **1000216983**

Programmatic ID: AIR CASCA0000603700956
Facility Registry ID: 110064159119
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1984-09-28 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA0000603700956
Facility Registry ID: 110064159119
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1985-05-08 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA0000603700956
Facility Registry ID: 110064159119
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1986-03-03 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA0000603700956
Facility Registry ID: 110064159119
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1986-09-22 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA0000603700956
Facility Registry ID: 110064159119
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1987-09-25 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation

INTERNATIONAL RECTIFIER (Continued) **1000216983**

Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA0000603700956
Facility Registry ID: 110064159119
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1988-09-19 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA0000603700956
Facility Registry ID: 110064159119
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1989-07-27 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA0000603700956
Facility Registry ID: 110064159119
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1990-10-03 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA0000603700956
Facility Registry ID: 110064159119
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1991-12-04 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA0000603700956
Facility Registry ID: 110064159119
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1992-10-09 00:00:00

INTERNATIONAL RECTIFIER (Continued) **1000216983**

Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA0000603700956
Facility Registry ID: 110064159119
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1994-04-27 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA0000603700956
Facility Registry ID: 110064159119
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1994-07-27 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA0000603700956
Facility Registry ID: 110064159119
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2004-03-12 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA0000603700956
Facility Registry ID: 110064159119
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2004-05-20 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA0000603700956
Facility Registry ID: 110064159119
Air Operating Status Code: OPR

INTERNATIONAL RECTIFIER (Continued) **1000216983**

Default Air Classification Code: MIN
Air Program: Title V Permits
Activity Date: 2004-03-12 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA0000603700956
Facility Registry ID: 110064159119
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: Title V Permits
Activity Date: 2004-05-20 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

FINDS:

Registry ID: 110064159119

Environmental Interest/Information System
AFS (Aerometric Information Retrieval System (AIRS) Facility Subsystem) replaces the former Compliance Data System (CDS), the National Emission Data System (NEDS), and the Storage and Retrieval of Aerometric Data (SAROAD). AIRS is the national repository for information concerning airborne pollution in the United States. AFS is used to track emissions and compliance data from industrial plants. AFS data are utilized by states to prepare State Implementation Plans to comply with regulatory programs and by EPA as an input for the estimation of total national emissions. AFS is undergoing a major redesign to support facility operating permits required under Title V of the Clean Air Act.

AIR MINOR

HIST CORTESE:
Region: CORTESE
Facility County Code: 19
Reg By: LTNKA
Reg Id: 908130489

WI MANIFEST:
Year: 2006
EPA ID: CAD076208313
FID: 0
ACT Code: 201
ACT Status: A
ACT Code 1: 201
ACT Name: HW Generator - Large
Contact Title: Not reported

INTERNATIONAL RECTIFIER (Continued) **1000216983**

Contact Name: Not reported
Contact Address: Not reported
Contact City/State/Zip: Not reported
Contact Telephone: Not reported
Contact EMail Address: Not reported

Year: 2005
EPA ID: CAD076208313
FID: 0
ACT Code: 201
ACT Status: A
ACT Code 1: 201
ACT Name: HW Generator - Large
Contact Title: Not reported
Contact Name: Not reported
Contact Address: Not reported
Contact City/State/Zip: 0
Contact Telephone: 0
Contact EMail Address: Not reported

ECHO:
Envid: 1000216983
Registry ID: 110064159119
DFR URL: http://echo.epa.gov/detailed_facility_report?fid=110064159119

B9 **JIM & JACK INC** **RCRA-SQG** **1000367075**
SSE **1601 E GRAND AVE** **FINDS** **CAD008299570**
< 1/8 **EL SEGUNDO, CA 90245** **ECHO**
0.003 mi.
15 ft. **Site 2 of 6 in cluster B**

Relative:
Lower

Actual:
117 ft.

RCRA-SQG:
Date form received by agency: 06/22/1994
Facility name: JIM AND JACKS
Facility address: 1601 E GRAND AVE
EL SEGUNDO, CA 90245
EPA ID: CAD008299570
Contact: JACK AVEDIKIAN
Contact address: 1601 E GRAND AVE
EL SEGUNDO, CA 90245
Contact country: US
Contact telephone: (310) 322-5733
Contact email: Not reported
EPA Region: 09
Classification: Small Small Quantity Generator
Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:
Owner/operator name: JAMES KIZIRIAN
Owner/operator address: 1601 E GRAND
EL SEGUNDO, CA 90245

JIM & JACK INC (Continued) **1000367075**

Owner/operator country: Not reported
Owner/operator telephone: (310) 322-5733
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: NOT REQUIRED
Owner/operator address: NOT REQUIRED
NOT REQUIRED, ME 99999
Owner/operator country: Not reported
Owner/operator telephone: (415) 555-1212
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Violation Status: No violations found

FINDS:

Registry ID: 110002631974

Environmental Interest/Information System
AIR EMISSIONS CLASSIFICATION UNKNOWN

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

ECHO:
Envid: 1000367075
Registry ID: 110002631974
DFR URL: http://echo.epa.gov/detailed_facility_report?fid=110002631974

A10
NE
< 1/8
0.003 mi.
18 ft.

SPARKLING AIRLINE LINEN SERVICE
332 WASHINGTON ST
EL SEGUNDO, CA 90245

Site 8 of 9 in cluster A

RCRA-SQG | **1000363669**
FINDS | **CAD981581630**
ECHO

Relative:
Higher

Actual:
122 ft.

RCRA-SQG:

Date form received by agency:	09/01/1996
Facility name:	SPARKLING AIRLINE LINEN SERVICE
Facility address:	332 WASHINGTON ST EL SEGUNDO, CA 90245
EPA ID:	CAD981581630
Contact:	Not reported
Contact address:	Not reported Not reported
Contact country:	US
Contact telephone:	Not reported
Contact email:	Not reported
EPA Region:	09
Land type:	Facility is not located on Indian land. Additional information is not known.
Classification:	Small Small Quantity Generator
Description:	Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

Owner/operator name:	NOT REQUIRED
Owner/operator address:	NOT REQUIRED NOT REQUIRED, ME 99999
Owner/operator country:	Not reported
Owner/operator telephone:	(415) 555-1212
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Owner/operator name:	SHARON MILLER
Owner/operator address:	NOT REQUIRED NOT REQUIRED, ME 99999
Owner/operator country:	Not reported
Owner/operator telephone:	(415) 555-1212
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No

SPARKLING AIRLINE LINEN SERVICE (Continued) **1000363669**

Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 11/18/1986
Site name: SPARKLING AIRLINE LINEN SERVICE
Classification: Large Quantity Generator

Facility Has Received Notices of Violations:
Regulation violated: FR - 262.10-12.A
Area of violation: Generators - General
Date violation determined: 04/26/1994
Date achieved compliance: 04/26/1999
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Evaluation Action Summary:
Evaluation date: 04/26/1994
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 04/26/1999
Evaluation lead agency: State Contractor/Grantee

FINDS:

Registry ID: 110002722607

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

ECHO:
Envid: 1000363669
Registry ID: 110002722607
DFR URL: http://echo.epa.gov/detailed_facility_report?fid=110002722607

A11
NE
< 1/8
0.003 mi.
18 ft.

JIM AND JACKS AUTO BODY SHOP
348 WASHINGTON STREET
EL SEGUNDO, CA 90245

RCRA-SQG
FINDS
ECHO

1000590410
CAD028131639

Site 9 of 9 in cluster A

Relative:
Higher

Actual:
121 ft.

RCRA-SQG:

Date form received by agency:	06/10/1991
Facility name:	JIM AND JACKS AUTO BODY SHOP
Facility address:	348 WASHINGTON STREET EL SEGUNDO, CA 90245
EPA ID:	CAD028131639
Mailing address:	1605 EAST GRAND AVE EL SEGUNDO, CA 90245
Contact:	JACK AVEDIKIAN
Contact address:	348 WASHINGTON STREET EL SEGUNDO, CA 90245
Contact country:	US
Contact telephone:	(213) 322-5733
Contact email:	Not reported
EPA Region:	09
Classification:	Small Small Quantity Generator
Description:	Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

Owner/operator name:	NOT REQUIRED
Owner/operator address:	NOT REQUIRED NOT REQUIRED, ME 99999
Owner/operator country:	Not reported
Owner/operator telephone:	(415) 555-1212
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Owner/operator name:	JACK AND JIM KIZIRIAN
Owner/operator address:	NOT REQUIRED NOT REQUIRED, ME 99999
Owner/operator country:	Not reported
Owner/operator telephone:	(415) 555-1212
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No

JIM AND JACKS AUTO BODY SHOP (Continued) **1000590410**

Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Violation Status: No violations found

FINDS:

Registry ID: 110002423002

Environmental Interest/Information System
AIR EMISSIONS CLASSIFICATION UNKNOWN

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

ECHO:
Envid: 1000590410
Registry ID: 110002423002
DFR URL: http://echo.epa.gov/detailed_facility_report?fid=110002423002

B12 **EDR Hist Auto** **1015253813**
SSE **1605 E GRAND AVE** **N/A**
< 1/8 **EL SEGUNDO, CA 90245**
0.005 mi.
24 ft. **Site 3 of 6 in cluster B**

Relative:
Lower

Actual:
117 ft.

EDR Historical Auto Stations:
Name: JIM & JACKS SERVICE STATION
Year: 1999
Address: 1605 E GRAND AVE

Name: JIM & JACKS AUTOBODY
Year: 2003
Address: 1605 E GRAND AVE

Name: JIM & JACKS COLLISION CENTER
Year: 2005
Address: 1605 E GRAND AVE

Name: JIM & JACKS COLLISION CENTER
Year: 2007
Address: 1605 E GRAND AVE

Name: JIM & JACKS COLLISION CENTER
Year: 2008
Address: 1605 E GRAND AVE

Name: JIM & JACKS COLLISION CTR

(Continued) **1015253813**

Year: 2010
Address: 1605 E GRAND AVE

Name: JIM & JACKS AUTO & BODY SHOP
Year: 2011
Address: 1605 E GRAND AVE

Name: JIM & JACKS AUTO BODY
Year: 2012
Address: 1605 E GRAND AVE

B13 **JIM & JACK'S COLLISION CENTER** **RCRA-SQG** **1000100422**
SSE **1605 E GRAND AVE** **FINDS** **CAD982346934**
< 1/8 **EL SEGUNDO, CA 90245** **CA EMI**
0.005 mi. **CA HAZNET**
24 ft. **Site 4 of 6 in cluster B** **ECHO**

Relative: Lower

Actual: 117 ft.

RCRA-SQG:
Date form received by agency: 09/01/1996
Facility name: JIM & JACK AUTOMOTIVE # 1
Facility address: 1605 E GRAND AVE
EL SEGUNDO, CA 90245
EPA ID: CAD982346934
Contact: Not reported
Contact address: Not reported
Not reported
Contact country: US
Contact telephone: Not reported
Contact email: Not reported
EPA Region: 09
Classification: Small Small Quantity Generator
Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:
Owner/operator name: NOT REQUIRED
Owner/operator address: NOT REQUIRED
NOT REQUIRED, ME 99999
Owner/operator country: Not reported
Owner/operator telephone: (415) 555-1212
Legal status: Municipal
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: JAMES KIZIRIAN
Owner/operator address: NOT REQUIRED
NOT REQUIRED, ME 99999
Owner/operator country: Not reported
Owner/operator telephone: (415) 555-1212
Legal status: Municipal
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

JIM & JACK'S COLLISION CENTER (Continued) **1000100422**

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 01/29/1988
Site name: JIM & JACK AUTOMOTIVE # 1
Classification: Large Quantity Generator

Violation Status: No violations found

FINDS:

Registry ID: 110055854856

Environmental Interest/Information System
STATE MASTER

Registry ID: 110002797778

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

EMI:
Year: 1987
County Code: 19
Air Basin: SC
Facility ID: 35763
Air District Name: SC
SIC Code: 7538
Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0

JIM & JACK'S COLLISION CENTER (Continued) **1000100422**

SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr: 0

Year: 1990
County Code: 19
Air Basin: SC
Facility ID: 35763
Air District Name: SC
SIC Code: 7538
Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr: 0

HAZNET:
envid: 1000100422
Year: 1997
GEPAID: CAD982346934
Contact: JAMES KIZIRIAN
Telephone: 0000000000
Mailing Name: Not reported
Mailing Address: 1605 E GRAND AVE
Mailing City,St,Zip: EL SEGUNDO, CA 902450000
Gen County: Not reported
TSD EPA ID: CAD008252405
TSD County: Not reported
Waste Category: Unspecified solvent mixture
Disposal Method: Recycler
Tons: .5629
Cat Decode: Unspecified solvent mixture
Method Decode: Recycler
Facility County: Los Angeles

envid: 1000100422
Year: 1996
GEPAID: CAD982346934
Contact: JAMES KIZIRIAN
Telephone: 0000000000
Mailing Name: Not reported
Mailing Address: 1605 E GRAND AVE
Mailing City,St,Zip: EL SEGUNDO, CA 902450000
Gen County: Not reported
TSD EPA ID: CAD008302903
TSD County: Not reported
Waste Category: Paint sludge
Disposal Method: Recycler
Tons: .6921
Cat Decode: Paint sludge
Method Decode: Recycler
Facility County: Los Angeles

JIM & JACK'S COLLISION CENTER (Continued) **1000100422**

envid: 1000100422
Year: 1996
GEPAID: CAD982346934
Contact: JAMES KIZIRIAN
Telephone: 0000000000
Mailing Name: Not reported
Mailing Address: 1605 E GRAND AVE
Mailing City,St,Zip: EL SEGUNDO, CA 902450000
Gen County: Not reported
TSD EPA ID: CAT000613893
TSD County: Not reported
Waste Category: Organic liquids with metals (Alkaline solution (pH >= 12.5) with metals)
Disposal Method: Transfer Station
Tons: .3945
Cat Decode: Organic liquids with metals (Alkaline solution (pH >= 12.5) with metals)
Method Decode: Transfer Station
Facility County: Los Angeles

envid: 1000100422
Year: 1996
GEPAID: CAD982346934
Contact: JAMES KIZIRIAN
Telephone: 0000000000
Mailing Name: Not reported
Mailing Address: 1605 E GRAND AVE
Mailing City,St,Zip: EL SEGUNDO, CA 902450000
Gen County: Not reported
TSD EPA ID: CAD050806850
TSD County: Not reported
Waste Category: Paint sludge
Disposal Method: Recycler
Tons: .3294
Cat Decode: Paint sludge
Method Decode: Recycler
Facility County: Los Angeles

envid: 1000100422
Year: 1995
GEPAID: CAD982346934
Contact: JAMES KIZIRIAN
Telephone: 0000000000
Mailing Name: Not reported
Mailing Address: 1605 E GRAND AVE
Mailing City,St,Zip: EL SEGUNDO, CA 902450000
Gen County: Not reported
TSD EPA ID: CAT000613893
TSD County: Not reported
Waste Category: Unspecified organic liquid mixture
Disposal Method: Transfer Station
Tons: .9960
Cat Decode: Unspecified organic liquid mixture
Method Decode: Transfer Station
Facility County: Los Angeles

JIM & JACK'S COLLISION CENTER (Continued) **1000100422**

Click this hyperlink while viewing on your computer to access
6 additional CA_HAZNET: record(s) in the EDR Site Report.

ECHO:
Envid: 1000100422
Registry ID: 110055854856
DFR URL: http://echo.epa.gov/detailed_facility_report?fid=110055854856

Envid: 1000100422
Registry ID: 110002797778
DFR URL: http://echo.epa.gov/detailed_facility_report?fid=110002797778

B14 **HYEPER SILK SCREENING** **RCRA-SQG 1000857427**
SW **1415 E GRAND AVE** **FINDS CAD983668617**
< 1/8 **EL SEGUNDO, CA 90245** **ECHO**
0.045 mi.
237 ft. **Site 5 of 6 in cluster B**

Relative:
Higher

Actual:
127 ft.

RCRA-SQG:
Date form received by agency: 05/21/1993
Facility name: HYEPER SILK SCREENING
Facility address: 1415 E GRAND AVE
EL SEGUNDO, CA 90245
EPA ID: CAD983668617
Mailing address: E GRAND AVE
EL SEGUNDO, CA 90245
Contact: ARA KIZIRIAN
Contact address: 1415 E GRAND AVE
EL SEGUNDO, CA 90245
Contact country: US
Contact telephone: (310) 322-9430
Contact email: Not reported
EPA Region: 09
Classification: Small Small Quantity Generator
Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:
Owner/operator name: ASSADOUR KIZIRIAN
Owner/operator address: 1415 E GRAND AVE
EL SEGUNDO, CA 90245
Owner/operator country: Not reported
Owner/operator telephone: (310) 322-9430
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No

HYEPER SILK SCREENING (Continued) **1000857427**

Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No
Used oil Specification marketer:	No
Used oil transfer facility:	No
Used oil transporter:	No

Violation Status: No violations found

FINDS:

Registry ID: 110002899374

Environmental Interest/Information System
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ECHO:

Envid:	1000857427
Registry ID:	110002899374
DFR URL:	http://echo.epa.gov/detailed_facility_report?fid=110002899374

B15 **EDR Hist Auto** **1015224314**
SW **1415 E GRAND AVE** **N/A**
< 1/8 **EL SEGUNDO, CA 90245**
0.045 mi.
237 ft. **Site 6 of 6 in cluster B**

Relative:
Higher

Actual:
127 ft.

EDR Historical Auto Stations:

Name:	JIM & JACKS AUTO & BODY SHOP
Year:	1999
Address:	1415 E GRAND AVE
Name:	JIM & JACKS AUTO & BODY SHOP
Year:	2001
Address:	1415 E GRAND AVE

C16 **PILLACK PROPERTY** **CA LUST** **S104916213**
WSW **1410 GRAND AVE** **N/A**
< 1/8 **EAST LOS ANGELES, CA 90245**
0.062 mi.
330 ft. **Site 1 of 6 in cluster C**

Relative:
Higher

Actual:
133 ft.

LUST:

Region:	STATE
Global Id:	T0603704135
Latitude:	34.0370135
Longitude:	-118.2652686
Case Type:	LUST Cleanup Site
Status:	Completed - Case Closed
Status Date:	01/26/1990
Lead Agency:	LOS ANGELES COUNTY
Case Worker:	JOA
Local Agency:	LOS ANGELES COUNTY
RB Case Number:	I-14091
LOC Case Number:	Not reported
File Location:	Not reported
Potential Media Affect:	Soil
Potential Contaminants of Concern:	Aviation
Site History:	Not reported

Click here to access the California GeoTracker records for this facility:

Contact:

Global Id:	T0603704135
Contact Type:	Local Agency Caseworker
Contact Name:	JOHN AWUJO
Organization Name:	LOS ANGELES COUNTY
Address:	900 S FREMONT AVE
City:	ALHAMBRA
Email:	jawujo@dpw.lacounty.gov
Phone Number:	6264583507

Global Id:	T0603704135
Contact Type:	Regional Board Caseworker
Contact Name:	YUE RONG
Organization Name:	LOS ANGELES RWQCB (REGION 4)
Address:	320 W. 4TH ST., SUITE 200
City:	Los Angeles
Email:	yrong@waterboards.ca.gov
Phone Number:	Not reported

Status History:

Global Id:	T0603704135
Status:	Completed - Case Closed
Status Date:	01/26/1990

Global Id:	T0603704135
Status:	Open - Case Begin Date
Status Date:	01/26/1990

Regulatory Activities:

Global Id:	T0603704135
Action Type:	Other
Date:	01/26/1990
Action:	Leak Reported

PILLACK PROPERTY (Continued) **S104916213**

LUST REG 4:

Region:	4	
Regional Board:	04	
County:	Los Angeles	
Facility Id:	I-14091	
Status:	Case Closed	
Substance:	1	
Substance Quantity:	Not reported	
Local Case No:	Not reported	
Case Type:	Soil	
Abatement Method Used at the Site:		Not reported
Global ID:	T0603704135	
W Global ID:	W0607701254	
Staff:	UNK	
Local Agency:	19000	
Cross Street:	Not reported	
Enforcement Type:	Not reported	
Date Leak Discovered:	Not reported	
Date Leak First Reported:		1/26/1990
Date Leak Record Entered:	2/5/1990	
Date Confirmation Began:	Not reported	
Date Leak Stopped:	Not reported	
Date Case Last Changed on Database:		2/16/1990
Date the Case was Closed:		1/26/1990
How Leak Discovered:	Not reported	
How Leak Stopped:	Not reported	
Cause of Leak:	Not reported	
Leak Source:	Not reported	
Operator:	Not reported	
Water System:	UNOCAL - JIM SCOTT	
Well Name:	Not reported	
Approx. Dist To Production Well (ft):		5591.98947487533417639747716
Source of Cleanup Funding:		Not reported
Preliminary Site Assessment Workplan Submitted:		Not reported
Preliminary Site Assessment Began:		Not reported
Pollution Characterization Began:		Not reported
Remediation Plan Submitted:		Not reported
Remedial Action Underway:		Not reported
Post Remedial Action Monitoring Began:		Not reported
Enforcement Action Date:		Not reported
Historical Max MTBE Date:		Not reported
Hist Max MTBE Conc in Groundwater:		Not reported
Hist Max MTBE Conc in Soil:		Not reported
Significant Interim Remedial Action Taken:		Not reported
GW Qualifier:	Not reported	
Soil Qualifier:	Not reported	
Organization:	Not reported	
Owner Contact:	Not reported	
Responsible Party:	RICHARD B. PILLACK	
RP Address:	4315 INGLEWOOD BOULEVARD, LOS ANGELES, 90066	
Program:	LUST	
Lat/Long:	34.0370135 / -1	
Local Agency Staff:	Not reported	
Beneficial Use:	Not reported	
Priority:	Not reported	
Cleanup Fund Id:	Not reported	
Suspended:	Not reported	

PILLACK PROPERTY (Continued) **S104916213**

Assigned Name: 3901254-001GEN
Summary: Not reported

C17 **PILLACK PROPERTY** **CA HIST CORTESE** **S105023636**
WSW **1410 GRAND** **N/A**
< 1/8 **EL SEGUNDO, CA**
0.062 mi.
330 ft. **Site 2 of 6 in cluster C**

Relative:
Higher

Actual:
133 ft.

HIST CORTESE:
Region: CORTESE
Facility County Code: 19
Reg By: LTNKA
Reg Id: I-14091

D18 **SPIN FORGE A DIV OF DMC** **RCRA-SQG** **1001217617**
SE **1700 E GRAND AVE** **FINDS** **CAR000038240**
< 1/8 **EL SEGUNDO, CA 90245** **CA HAZNET**
0.063 mi. **CA WDS**
332 ft. **Site 1 of 6 in cluster D** **ECHO**

Relative:
Lower

Actual:
115 ft.

RCRA-SQG:
Date form received by agency: 04/03/1998
Facility name: SPIN FORGE A DIV OF DMC
Facility address: 1700 E GRAND AVE
EL SEGUNDO, CA 902454378
EPA ID: CAR000038240
Contact: CLAY GORBET
Contact address: 1700 E GRAND AVE
EL SEGUNDO, CA 902454378
Contact country: US
Contact telephone: (310) 640-8099
Contact email: Not reported
EPA Region: 09
Classification: Small Small Quantity Generator
Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:
Owner/operator name: DYNAMIC MATERIALS CORP
Owner/operator address: 551 ASPEN RIDGE DR
LAFAYETTE, CO 80026
Owner/operator country: Not reported
Owner/operator telephone: (303) 665-5700
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No

SPIN FORGE A DIV OF DMC (Continued) **1001217617**

Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

. Waste code: D000
. Waste name: Not Defined

. Waste code: D006
. Waste name: CADMIUM

Violation Status: No violations found

FINDS:

Registry ID: 110009553287

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

HAZNET:
envid: 1001217617
Year: 2006
GEPAID: CAR000038240
Contact: MR ROBERT MCLEMORE, DIR ENGR'G
Telephone: 3106408099
Mailing Name: Not reported
Mailing Address: 1700 E GRAND AVE
Mailing City,St,Zip: EL SEGUNDO, CA 902454378
Gen County: Not reported
TSD EPA ID: CAT080033681
TSD County: Not reported
Waste Category: Off-specification, aged or surplus inorganics
Disposal Method: Recycler
Tons: 0.07
Cat Decode: Off-specification, aged or surplus inorganics
Method Decode: Recycler
Facility County: Los Angeles

envid: 1001217617
Year: 2006
GEPAID: CAR000038240

SPIN FORGE A DIV OF DMC (Continued) **1001217617**

Contact:	MR ROBERT MCLEMORE, DIR ENGR'G
Telephone:	3106408099
Mailing Name:	Not reported
Mailing Address:	1700 E GRAND AVE
Mailing City,St,Zip:	EL SEGUNDO, CA 902454378
Gen County:	Not reported
TSD EPA ID:	CAT080033681
TSD County:	Not reported
Waste Category:	Off-specification, aged or surplus inorganics
Disposal Method:	Treatment, Incineration
Tons:	0
Cat Decode:	Off-specification, aged or surplus inorganics
Method Decode:	Treatment, Incineration
Facility County:	Los Angeles

envid:	1001217617
Year:	2006
GEPAID:	CAR000038240
Contact:	MR ROBERT MCLEMORE, DIR ENGR'G
Telephone:	3106408099
Mailing Name:	Not reported
Mailing Address:	1700 E GRAND AVE
Mailing City,St,Zip:	EL SEGUNDO, CA 902454378
Gen County:	Not reported
TSD EPA ID:	CAT080033681
TSD County:	Not reported
Waste Category:	Unspecified organic liquid mixture
Disposal Method:	Disposal, Land Fill
Tons:	0.84
Cat Decode:	Unspecified organic liquid mixture
Method Decode:	Disposal, Land Fill
Facility County:	Los Angeles

envid:	1001217617
Year:	2006
GEPAID:	CAR000038240
Contact:	MR ROBERT MCLEMORE, DIR ENGR'G
Telephone:	3106408099
Mailing Name:	Not reported
Mailing Address:	1700 E GRAND AVE
Mailing City,St,Zip:	EL SEGUNDO, CA 902454378
Gen County:	Not reported
TSD EPA ID:	CAT080033681
TSD County:	Not reported
Waste Category:	Off-specification, aged or surplus inorganics
Disposal Method:	Recycler
Tons:	0
Cat Decode:	Off-specification, aged or surplus inorganics
Method Decode:	Recycler
Facility County:	Los Angeles

envid:	1001217617
Year:	2004
GEPAID:	CAR000038240
Contact:	MR ROBERT MCLEMORE, DIR ENGR'G
Telephone:	3106408099
Mailing Name:	Not reported

SPIN FORGE A DIV OF DMC (Continued) **1001217617**

Mailing Address: 1700 E GRAND AVE
Mailing City,St,Zip: EL SEGUNDO, CA 902454378
Gen County: Not reported
TSD EPA ID: CAT080013352
TSD County: Not reported
Waste Category: Waste oil and mixed oil
Disposal Method: Recycler
Tons: 6.04
Cat Decode: Waste oil and mixed oil
Method Decode: Recycler
Facility County: Los Angeles

Click this hyperlink while viewing on your computer to access
31 additional CA_HAZNET: record(s) in the EDR Site Report.

WDS:
Facility ID: 4 19I013934
Facility Type: Industrial - Facility that treats and/or disposes of liquid or semisolid wastes from any servicing, producing, manufacturing or processing operation of whatever nature, including mining, gravel washing, geothermal operations, air conditioning, ship building and repairing, oil production, storage and disposal operations, water pumping.
Facility Status: Active - Any facility with a continuous or seasonal discharge that is under Waste Discharge Requirements.
NPDES Number: CAS000001 The 1st 2 characters designate the state. The remaining 7 are assigned by the Regional Board
Subregion: 4
Facility Telephone: 3106408099
Facility Contact: CLAY GORBET
Agency Name: DYNAMIC MATERIALS CORP
Agency Address: 5405 Spine Rd
Agency City,St,Zip: Boulder 803013389
Agency Contact: RICK SANTA
Agency Telephone: 3036043925
Agency Type: Private
SIC Code: 0
SIC Code 2: Not reported
Primary Waste Type: Not reported
Primary Waste: Not reported
Waste Type2: Not reported
Waste2: Not reported
Primary Waste Type: Not reported
Secondary Waste: Not reported
Secondary Waste Type: Not reported
Design Flow: 0
Baseline Flow: 0
Reclamation: Not reported
POTW: Not reported
Treat To Water: Minor Threat to Water Quality. A violation of a regional board order should cause a relatively minor impairment of beneficial uses compared to a major or minor threat. Not: All nurds without a TTWQ will be considered a minor threat to water quality unless coded at a higher Level. A Zero (0) may be used to code those NURDS that are found to represent no threat to water quality.
Complexity: Category C - Facilities having no waste treatment systems, such as cooling water dischargers or thosewho must comply through best

SPIN FORGE A DIV OF DMC (Continued) **1001217617**

management practices, facilities with passive waste treatment and disposal systems, such as septic systems with subsurface disposal, or dischargers having waste storage systems with land disposal such as dairy waste ponds.

ECHO:
Envid: 1001217617
Registry ID: 110009553287
DFR URL: http://echo.epa.gov/detailed_facility_report?fid=110009553287

D19 **AIRITE A DOVER SARGENT CO** **RCRA-LQG** **1007198796**
SE **1700 E GRAND AVE** **CA HAZNET** **CAD028131761**
< 1/8 **EL SEGUNDO, CA 90245**
0.063 mi.
332 ft. **Site 2 of 6 in cluster D**

Relative:
Lower

Actual:
115 ft.

RCRA-LQG:
Date form received by agency: 03/19/1990
Facility name: AIRITE A DOVER SARGENT CO
Facility address: 1700 E GRAND AVE
EL SEGUNDO, CA 90245
EPA ID: CAD028131761
Contact: CLAYTON C GORBET
Contact address: Not reported
Not reported
Contact country: US
Contact telephone: (213) 772-6251
Telephone ext.: 268
Contact email: Not reported
EPA Region: 09
Classification: Large Quantity Generator
Description: Handler: generates 1,000 kg or more of hazardous waste during any calendar month; or generates more than 1 kg of acutely hazardous waste during any calendar month; or generates more than 100 kg of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month; or generates 1 kg or less of acutely hazardous waste during any calendar month, and accumulates more than 1 kg of acutely hazardous waste at any time; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates more than 100 kg of that material at any time

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No

AIRITE A DOVER SARGENT CO (Continued) **1007198796**

Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Violation Status: No violations found

HAZNET:

envid: 1007198796
Year: 1993
GEPAID: CAD028131761
Contact: Not reported
Telephone: 0000000000
Mailing Name: Not reported
Mailing Address: 1700 E GRAND AVE
Mailing City,St,Zip: EL SEGUNDO, CA 902450000
Gen County: Not reported
TSD EPA ID: CAD099452708
TSD County: Not reported
Waste Category: Unspecified oil-containing waste
Disposal Method: Recycler
Tons: 6.25499999999
Cat Decode: Unspecified oil-containing waste
Method Decode: Recycler
Facility County: Los Angeles

envid: 1007198796
Year: 1993
GEPAID: CAD028131761
Contact: Not reported
Telephone: 0000000000
Mailing Name: Not reported
Mailing Address: 1700 E GRAND AVE
Mailing City,St,Zip: EL SEGUNDO, CA 902450000
Gen County: Not reported
TSD EPA ID: CAT080011059
TSD County: Not reported
Waste Category: Off-specification, aged or surplus organics
Disposal Method: Recycler
Tons: 0.5
Cat Decode: Off-specification, aged or surplus organics
Method Decode: Recycler
Facility County: Los Angeles

envid: 1007198796
Year: 1993
GEPAID: CAD028131761
Contact: Not reported
Telephone: 0000000000
Mailing Name: Not reported
Mailing Address: 1700 E GRAND AVE
Mailing City,St,Zip: EL SEGUNDO, CA 902450000
Gen County: Not reported
TSD EPA ID: CAT080011059
TSD County: Not reported
Waste Category: Unspecified oil-containing waste
Disposal Method: Recycler
Tons: 0.55000000000
Cat Decode: Unspecified oil-containing waste

AIRITE A DOVER SARGENT CO (Continued) **1007198796**

Method Decode: Recycler
Facility County: Los Angeles

envid: 1007198796
Year: 1993
GEPAID: CAD028131761
Contact: Not reported
Telephone: 0000000000
Mailing Name: Not reported
Mailing Address: 1700 E GRAND AVE
Mailing City,St,Zip: EL SEGUNDO, CA 902450000
Gen County: Not reported
TSD EPA ID: CAT080011059
TSD County: Not reported
Waste Category: Unspecified solvent mixture
Disposal Method: Recycler
Tons: 0.75
Cat Decode: Unspecified solvent mixture
Method Decode: Recycler
Facility County: Los Angeles

envid: 1007198796
Year: 1993
GEPAID: CAD028131761
Contact: Not reported
Telephone: 0000000000
Mailing Name: Not reported
Mailing Address: 1700 E GRAND AVE
Mailing City,St,Zip: EL SEGUNDO, CA 902450000
Gen County: Not reported
TSD EPA ID: CAT080011059
TSD County: Not reported
Waste Category: Unspecified solvent mixture
Disposal Method: Not reported
Tons: 2.24999999999
Cat Decode: Unspecified solvent mixture
Method Decode: Not reported
Facility County: Los Angeles

Click this hyperlink while viewing on your computer to access additional CA_HAZNET: detail in the EDR Site Report.

C20 **RUSSO TRUCKING** **CA SWEEPS UST** **S104872494**
WSW **1410 E GRAND AVE** **CA LOS ANGELES CO. HMS** **N/A**
< 1/8 **EL SEGUNDO, CA 90245**
0.065 mi.
341 ft. **Site 3 of 6 in cluster C**

Relative:
Higher

Actual:
133 ft.

SWEEPS UST:
Status: Active
Comp Number: 14091
Number: 9
Board Of Equalization: Not reported
Referral Date: 06-30-89
Action Date: Not reported
Created Date: 06-30-89
Owner Tank Id: Not reported
SWRCB Tank Id: Not reported

RUSSO TRUCKING (Continued) **S104872494**

Tank Status: Not reported
Capacity: Not reported
Active Date: Not reported
Tank Use: Not reported
STG: Not reported
Content: Not reported
Number Of Tanks: Not reported

LOS ANGELES CO. HMS:
Region: LA
Permit Category: T
Facility Id: 013678-014091
Facility Type: Not reported
Facility Status: Closed
Area: 2N
Permit Number: Not reported
Permit Status: Not reported

D21 **CITY OF EL SEGUNDO** **CA LUST** **S100224384**
SE **150 ILLINOIS** **CA CHMIRS** **N/A**
< 1/8 **EL SEGUNDO, CA 90245** **CA HIST CORTESE**
0.066 mi.
346 ft. **Site 3 of 6 in cluster D**

Relative:
Lower

Actual:
114 ft.

LUST:
Region: STATE
Global Id: T0603705310
Latitude: 33.9171671
Longitude: -118.3982757
Case Type: LUST Cleanup Site
Status: Completed - Case Closed
Status Date: 07/26/2006
Lead Agency: EL SEGUNDO, CITY OF
Case Worker: SHT
Local Agency: EL SEGUNDO, CITY OF
RB Case Number: R-20565
LOC Case Number: Not reported
File Location: Not reported
Potential Media Affect: Soil
Potential Contaminants of Concern: Aviation
Site History: Not reported

Click here to access the California GeoTracker records for this facility:

Contact:
Global Id: T0603705310
Contact Type: Local Agency Caseworker
Contact Name: STEVE TSUMURA
Organization Name: EL SEGUNDO, CITY OF
Address: 314 MAIN STREET
City: EL SEGUNDO
Email: stsumura@elsegundo.org
Phone Number: Not reported

Global Id: T0603705310
Contact Type: Regional Board Caseworker
Contact Name: YUE RONG
Organization Name: LOS ANGELES RWQCB (REGION 4)

CITY OF EL SEGUNDO (Continued) **S100224384**

Address: 320 W. 4TH ST., SUITE 200
City: Los Angeles
Email: yrong@waterboards.ca.gov
Phone Number: Not reported

Status History:
Global Id: T0603705310
Status: Completed - Case Closed
Status Date: 07/26/2006

Global Id: T0603705310
Status: Open - Case Begin Date
Status Date: 07/01/1986

Global Id: T0603705310
Status: Open - Site Assessment
Status Date: 07/01/1986

Regulatory Activities:
Global Id: T0603705310
Action Type: Other
Date: 07/01/1986
Action: Leak Reported

CHMIRS:
OES Incident Number: 991567
OES notification: Not reported
OES Date: Not reported
OES Time: Not reported
Date Completed: **30-SEP-88**
Property Use: 600
Agency Id Number: 19065
Agency Incident Number: 13696
Time Notified: 1323
Time Completed: 1448
Surrounding Area: 700
Estimated Temperature: 80
Property Management: C
More Than Two Substances Involved?: N
Resp Agncy Personel # Of Decontaminated: 10
Responding Agency Personel # Of Injuries: Not reported
Responding Agency Personel # Of Fatalities: Not reported
Others Number Of Decontaminated: Not reported
Others Number Of Injuries: Not reported
Others Number Of Fatalities: Not reported
Vehicle Make/year: Not reported
Vehicle License Number: Not reported
Vehicle State: Not reported
Vehicle Id Number: Not reported
CA DOT PUC/ICC Number: Not reported
Company Name: Not reported
Reporting Officer Name/ID: O'BRIEN
Report Date: 30-SEP-88
Facility Telephone: 213 322-4311
Waterway Involved: Not reported

CITY OF EL SEGUNDO (Continued) **S100224384**

Waterway:	Not reported
Spill Site:	Not reported
Cleanup By:	Not reported
Containment:	Not reported
What Happened:	Not reported
Type:	Not reported
Measure:	Not reported
Other:	Not reported
Date/Time:	Not reported
Year:	88-92
Agency:	Not reported
Incident Date:	30-SEP-88
Admin Agency:	Not reported
Amount:	Not reported
Contained:	Not reported
Site Type:	Not reported
E Date:	Not reported
Substance:	Not reported
Unknown:	Not reported
Substance #2:	Not reported
Substance #3:	Not reported
Evacuations:	Not reported
Number of Injuries:	Not reported
Number of Fatalities:	Not reported
#1 Pipeline:	Not reported
#2 Pipeline:	Not reported
#3 Pipeline:	Not reported
#1 Vessel >= 300 Tons:	Not reported
#2 Vessel >= 300 Tons:	Not reported
#3 Vessel >= 300 Tons:	Not reported
Evacs:	Not reported
Injuries:	Not reported
Fatals:	Not reported
Comments:	N
Description:	Not reported

HIST CORTESE:

Region:	CORTESE
Facility County Code:	19
Reg By:	LTNKA
Reg Id:	R-20565

Region:	CORTESE
Facility County Code:	19
Reg By:	LTNKA
Reg Id:	263

D22 **CITY OF EL SEGUNDO** **CA LUST S105245837**
SE **150 ILLINOIS ST** **CA SWEEPS UST N/A**
< 1/8 **EL SEGUNDO, CA 90245**
0.066 mi.
346 ft. **Site 4 of 6 in cluster D**

Relative:
Lower

Actual:
114 ft.

LUST REG 4:

Region:	4
Regional Board:	04
County:	Los Angeles

CITY OF EL SEGUNDO (Continued) **S105245837**

Facility Id:	R-20565	
Status:	Leak being confirmed	
Substance:	1	
Substance Quantity:	Not reported	
Local Case No:	Not reported	
Case Type:	Soil	
Abatement Method Used at the Site:		Not reported
Global ID:	T0603705310	
W Global ID:	Not reported	
Staff:	UNK	
Local Agency:	19013	
Cross Street:	Not reported	
Enforcement Type:	Not reported	
Date Leak Discovered:	Not reported	
Date Leak First Reported:		7/1/1986
Date Leak Record Entered:	12/31/1986	
Date Confirmation Began:	7/1/1986	
Date Leak Stopped:	Not reported	
Date Case Last Changed on Database:		8/19/1987
Date the Case was Closed:		Not reported
How Leak Discovered:	Not reported	
How Leak Stopped:	Not reported	
Cause of Leak:	UNK	
Leak Source:	UNK	
Operator:	HILTON, JACK	
Water System:	Not reported	
Well Name:	Not reported	
Approx. Dist To Production Well (ft):		7644.2494960799073652181337702
Source of Cleanup Funding:		UNK
Preliminary Site Assessment Workplan Submitted:		Not reported
Preliminary Site Assessment Began:		Not reported
Pollution Characterization Began:		Not reported
Remediation Plan Submitted:		Not reported
Remedial Action Underway:		Not reported
Post Remedial Action Monitoring Began:		Not reported
Enforcement Action Date:		Not reported
Historical Max MTBE Date:		Not reported
Hist Max MTBE Conc in Groundwater:		Not reported
Hist Max MTBE Conc in Soil:		Not reported
Significant Interim Remedial Action Taken:		Not reported
GW Qualifier:	Not reported	
Soil Qualifier:	Not reported	
Organization:	Not reported	
Owner Contact:	Not reported	
Responsible Party:	CITY OF EL SEGUNDO	
RP Address:	150 ILLINOIS STREET, EL SEGUNDO, CA 90245	
Program:	LUST	
Lat/Long:	33.9169335 / -1	
Local Agency Staff:	SHT	
Beneficial Use:	Not reported	
Priority:	Not reported	
Cleanup Fund Id:	Not reported	
Suspended:	Not reported	
Assigned Name:	Not reported	
Summary:	Not reported	

CITY OF EL SEGUNDO (Continued) **S105245837**

SWEEPS UST:

Status:	Active
Comp Number:	10045
Number:	9
Board Of Equalization:	44-008693
Referral Date:	06-30-89
Action Date:	Not reported
Created Date:	06-30-89
Owner Tank Id:	Not reported
SWRCB Tank Id:	19-000-010045-000001
Tank Status:	A
Capacity:	Not reported
Active Date:	06-30-89
Tank Use:	UNKNOWN
STG:	W
Content:	Not reported
Number Of Tanks:	6

Status:	Active
Comp Number:	10045
Number:	9
Board Of Equalization:	44-008693
Referral Date:	06-30-89
Action Date:	Not reported
Created Date:	06-30-89
Owner Tank Id:	Not reported
SWRCB Tank Id:	19-000-010045-000002
Tank Status:	A
Capacity:	Not reported
Active Date:	06-30-89
Tank Use:	UNKNOWN
STG:	W
Content:	Not reported
Number Of Tanks:	Not reported

Status:	Active
Comp Number:	10045
Number:	9
Board Of Equalization:	44-008693
Referral Date:	06-30-89
Action Date:	Not reported
Created Date:	06-30-89
Owner Tank Id:	Not reported
SWRCB Tank Id:	19-000-010045-000003
Tank Status:	A
Capacity:	Not reported
Active Date:	06-30-89
Tank Use:	UNKNOWN
STG:	W
Content:	Not reported
Number Of Tanks:	Not reported

Status:	Active
Comp Number:	10045
Number:	9
Board Of Equalization:	44-008693
Referral Date:	06-30-89

CITY OF EL SEGUNDO (Continued) **S105245837**

Action Date:	Not reported
Created Date:	06-30-89
Owner Tank Id:	Not reported
SWRCB Tank Id:	19-000-010045-000004
Tank Status:	A
Capacity:	Not reported
Active Date:	06-30-89
Tank Use:	UNKNOWN
STG:	W
Content:	Not reported
Number Of Tanks:	Not reported

Status:	Active
Comp Number:	10045
Number:	9
Board Of Equalization:	44-008693
Referral Date:	06-30-89
Action Date:	Not reported
Created Date:	06-30-89
Owner Tank Id:	Not reported
SWRCB Tank Id:	19-000-010045-000005
Tank Status:	A
Capacity:	Not reported
Active Date:	06-30-89
Tank Use:	UNKNOWN
STG:	W
Content:	Not reported
Number Of Tanks:	Not reported

Status:	Active
Comp Number:	10045
Number:	9
Board Of Equalization:	44-008693
Referral Date:	06-30-89
Action Date:	Not reported
Created Date:	06-30-89
Owner Tank Id:	Not reported
SWRCB Tank Id:	19-000-010045-000006
Tank Status:	A
Capacity:	Not reported
Active Date:	06-30-89
Tank Use:	UNKNOWN
STG:	W
Content:	Not reported
Number Of Tanks:	Not reported

D23 **EL SEGUNDO CITY** **CA HIST UST** **1006826713**
SE **150 ILLINOIS ST** **FINDS** **N/A**
< 1/8 **EL SEGUNDO, CA 90245** **CA EMI**
0.066 mi. **ECHO**
346 ft. **Site 5 of 6 in cluster D**

Relative:
Lower

Actual:
114 ft.

HIST UST:

File Number:	00026FEB
URL:	http://geotracker.waterboards.ca.gov/ustpdfs/pdf/00026FEB.pdf
Region:	Not reported
Facility ID:	Not reported
Facility Type:	Not reported

EL SEGUNDO CITY (Continued) **1006826713**

Other Type:	Not reported
Contact Name:	Not reported
Telephone:	Not reported
Owner Name:	Not reported
Owner Address:	Not reported
Owner City,St,Zip:	Not reported
Total Tanks:	Not reported
Tank Num:	Not reported
Container Num:	Not reported
Year Installed:	Not reported
Tank Capacity:	Not reported
Tank Used for:	Not reported
Type of Fuel:	Not reported
Container Construction Thickness:	Not reported
Leak Detection:	Not reported

Click here for Geo Tracker PDF:

FINDS:

Registry ID: 110013858511

Environmental Interest/Information System
AIR EMISSIONS CLASSIFICATION UNKNOWN

EMI:

Year:	1987
County Code:	19
Air Basin:	SC
Facility ID:	36029
Air District Name:	SC
SIC Code:	4463
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	3
Reactive Organic Gases Tons/Yr:	2
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Year:	1990
County Code:	19
Air Basin:	SC
Facility ID:	36029
Air District Name:	SC
SIC Code:	9199
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	6
Reactive Organic Gases Tons/Yr:	3

EL SEGUNDO CITY (Continued) **1006826713**

Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	1
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Year:	1993
County Code:	19
Air Basin:	SC
Facility ID:	36029
Air District Name:	SC
SIC Code:	9199
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1
Reactive Organic Gases Tons/Yr:	1
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	1
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Year:	1995
County Code:	19
Air Basin:	SC
Facility ID:	36029
Air District Name:	SC
SIC Code:	9199
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1
Reactive Organic Gases Tons/Yr:	1
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	1
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Year:	1997
County Code:	19
Air Basin:	SC
Facility ID:	36029
Air District Name:	SC
SIC Code:	9199
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1
Reactive Organic Gases Tons/Yr:	1
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

EL SEGUNDO CITY (Continued) **1006826713**

Year:	1998
County Code:	19
Air Basin:	SC
Facility ID:	36029
Air District Name:	SC
SIC Code:	9199
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1
Reactive Organic Gases Tons/Yr:	1
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Year:	1999
County Code:	19
Air Basin:	SC
Facility ID:	36029
Air District Name:	SC
SIC Code:	9199
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1
Reactive Organic Gases Tons/Yr:	1
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Year:	2000
County Code:	19
Air Basin:	SC
Facility ID:	36029
Air District Name:	SC
SIC Code:	9199
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1
Reactive Organic Gases Tons/Yr:	1
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Year:	2001
County Code:	19
Air Basin:	SC
Facility ID:	36029
Air District Name:	SC
SIC Code:	9199

EL SEGUNDO CITY (Continued) **1006826713**

Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1
Reactive Organic Gases Tons/Yr:	1
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

ECHO:

Envid:	1006826713
Registry ID:	110013858511
DFR URL:	http://echo.epa.gov/detailed_facility_report?fid=110013858511

D24 **CITY OF EL SEGUNDO** **CA UST** **U003948856**
SE **150 ILLINOIS ST.** **N/A**
< 1/8 **EL SEGUNDO, CA 90245**
0.066 mi.
346 ft. **Site 6 of 6 in cluster D**

Relative:
Lower

Actual:
114 ft.

UST:

Facility ID:	300071
Permitting Agency:	EL SEGUNDO, CITY OF
Latitude:	33.91718
Longitude:	-118.3983

EL SEGUNDO UST:

Facility Type:	Facilities are Active (Inactive Date is blank)
Type of Action:	Change of information
CERT Number:	03434
Permit Number:	30-0071
Tank Number:	000007
Tank Status:	Change of Information
Tank Content:	Regular unleaded
Other Contents:	Not reported
Active:	Motort vehicle fueling
Date Inspected:	07/30/2008
Tank Number:	000008
Tank Status:	Change of Information
Tank Content:	Regular unleaded
Other Contents:	Not reported
Active:	Motort vehicle fueling
Date Inspected:	07/30/2008
Tank Number:	000009
Tank Status:	Change of Information
Tank Content:	Regular unleaded
Other Contents:	Not reported
Active:	Motort vehicle fueling
Date Inspected:	07/30/2008

CITY OF EL SEGUNDO (Continued) **U003948856**

Tank Number:	000010
Tank Status:	Change of Information
Tank Content:	Other petroleum
Other Contents:	Not reported
Active:	Other
Date Inspected:	07/30/2008

Tank Number:	000011
Tank Status:	Change of Information
Tank Content:	Not reported
Other Contents:	Not reported
Active:	Hazardous waste (includes used oil)
Date Inspected:	07/30/2008

E25 **INT RECTIFIER CORP EL SEGUNDO** **CA ENVIROSTOR** **U002287919**
SSW **233 KANSAS ST** **CA LUST** **N/A**
< 1/8 **EL SEGUNDO, CA 90245** **CA SLIC**
0.068 mi. **CA HIST CORTESE**
357 ft. **Site 1 of 2 in cluster E** **CA LOS ANGELES CO. HMS**
CA NPDES
Relative: **CA WDS**
Lower

Actual: ENVIROSTOR:
118 ft.

Facility ID:	19360533
Status:	Refer: RWQCB
Status Date:	01/15/2002
Site Code:	300569
Site Type:	Historical
Site Type Detailed:	* Historical
Acres:	Not reported
NPL:	NO
Regulatory Agencies:	DTSC
Lead Agency:	DTSC
Program Manager:	Not reported
Supervisor:	Sayareh Amirebrahimi
Division Branch:	Cleanup Chatsworth
Assembly:	62
Senate:	26
Special Program:	Not reported
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	Not reported
Latitude:	33.91866
Longitude:	-118.4007
APN:	NONE SPECIFIED
Past Use:	NONE SPECIFIED
Potential COC:	* ACID SOLUTION WITHOUT METALS * UNSPECIFIED ACID SOLUTION
Confirmed COC:	NONE SPECIFIED
Potential Description:	NONE SPECIFIED
Alias Name:	INTERNATIONAL RECTIFIER
Alias Type:	Alternate Name
Alias Name:	CAD076208313
Alias Type:	EPA Identification Number
Alias Name:	110000474479
Alias Type:	EPA (FRS #)
Alias Name:	300569
Alias Type:	Project Code (Site Code)

INT RECTIFIER CORP EL SEGUNDO (Continued) **U002287919**

Alias Name: 19360533
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Assessment Report
Completed Date: 09/24/1996
Comments: Preliminary Assessment completed under U.S. EPA grant. Site is no further assessment for U.S. EPA. However, DTSC requires a Preliminary Endangerment Assessment.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 05/25/1995
Comments: The Department received a hazardous substace release report. The site had a waste leak from a plating line and acidic aqueous waste left metal contamination in the soil. Due to evidence of contamination, the Department recommends a PEA. The Department notified the RP that a PEA be conducted.

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

LUST REG 4:
Region: 4
Regional Board: 04
County: Los Angeles
Facility Id: I-15781
Status: Preliminary site assessment underway
Substance: Solvents
Substance Quantity: Not reported
Local Case No: Not reported
Case Type: Soil
Abatement Method Used at the Site: Not reported
Global ID: T0603704349
W Global ID: Not reported
Staff: SLC
Local Agency: 19013
Cross Street: GRAND AVE.
Enforcement Type: Not reported
Date Leak Discovered: 6/29/1990
Date Leak First Reported: 7/25/1990
Date Leak Record Entered: 9/26/1990
Date Confirmation Began: Not reported
Date Leak Stopped: 6/29/1990
Date Case Last Changed on Database: 5/2/1994
Date the Case was Closed: Not reported
How Leak Discovered: Tank Closure

INT RECTIFIER CORP EL SEGUNDO (Continued) **U002287919**

How Leak Stopped:	Not reported
Cause of Leak:	UNK
Leak Source:	UNK
Operator:	NASSIF, GERALD
Water System:	Not reported
Well Name:	Not reported
Approx. Dist To Production Well (ft):	8464.971975309280812962810462
Source of Cleanup Funding:	UNK
Preliminary Site Assessment Workplan Submitted:	Not reported
Preliminary Site Assessment Began:	7/25/1990
Pollution Characterization Began:	Not reported
Remediation Plan Submitted:	Not reported
Remedial Action Underway:	Not reported
Post Remedial Action Monitoring Began:	Not reported
Enforcement Action Date:	Not reported
Historical Max MTBE Date:	Not reported
Hist Max MTBE Conc in Groundwater:	Not reported
Hist Max MTBE Conc in Soil:	Not reported
Significant Interim Remedial Action Taken:	Not reported
GW Qualifier:	Not reported
Soil Qualifier:	Not reported
Organization:	Not reported
Owner Contact:	Not reported
Responsible Party:	INTERNATIONAL RECTIFIER CORP.
RP Address:	233 KANSAS ST., EL SEGUNDO, 90245
Program:	SLIC
Lat/Long:	33.9182275 / -1
Local Agency Staff:	SHT
Beneficial Use:	Not reported
Priority:	LOP/LOW - MINOR OR NO POTENTIAL WATER RESOURCE IMPACT
Cleanup Fund Id:	Not reported
Suspended:	Not reported
Assigned Name:	Not reported
Summary:	file missing, transfered from MSH to RI

SLIC:

Region:	STATE
Facility Status:	**Completed - Case Closed**
Status Date:	02/27/1997
Global Id:	SL184571440
Lead Agency:	LOS ANGELES RWQCB (REGION 4)
Lead Agency Case Number:	Not reported
Latitude:	33.917719
Longitude:	-118.399635
Case Type:	Cleanup Program Site
Case Worker:	Not reported
Local Agency:	Not reported
RB Case Number:	0608
File Location:	Not reported
Potential Media Affected:	Not reported
Potential Contaminants of Concern:	Not reported
Site History:	Not reported

Click here to access the California GeoTracker records for this facility:

HIST CORTESE:

INT RECTIFIER CORP EL SEGUNDO (Continued) **U002287919**

Region: CORTESE
Facility County Code: 19
Reg By: LTNKA
Reg Id: I-15781

LOS ANGELES CO. HMS:
Region: LA
Permit Category: T
Facility Id: 014941-015781
Facility Type: 1
Facility Status: Closed
Area: 2N
Permit Number: 000167695
Permit Status: Closed

NPDES:

Npdes Number:	Not reported
Facility Status:	Not reported
Agency Id:	Not reported
Region:	4
Regulatory Measure Id:	188760
Order No:	Not reported
Regulatory Measure Type:	Industrial
Place Id:	Not reported
WDID:	4 19I001141
Program Type:	Not reported
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	10/9/2014
Discharge Name:	Not reported
Discharge Address:	Not reported
Discharge City:	Not reported
Discharge State:	Not reported
Discharge Zip:	Not reported
RECEIVED DATE:	5/9/2008
PROCESSED DATE:	3/25/1992
STATUS CODE NAME:	Terminated
STATUS DATE:	7/15/2015
PLACE SIZE:	10
PLACE SIZE UNIT:	Acres
FACILITY CONTACT NAME:	Ro Gunetilleke
FACILITY CONTACT TITLE:	Site Services Manager
FACILITY CONTACT PHONE:	310-726-8974
FACILITY CONTACT PHONE EXT:	Not reported
FACILITY CONTACT EMAIL:	rguneti1@irf.com
OPERATOR NAME:	International Rectifier
OPERATOR ADDRESS:	101 N Sepulveda Blvd
OPERATOR CITY:	El Segundo
OPERATOR STATE:	California
OPERATOR ZIP:	90245
OPERATOR CONTACT NAME:	Ro Gunetilleke
OPERATOR CONTACT TITLE:	Site Services Manager
OPERATOR CONTACT PHONE:	310-726-8974
OPERATOR CONTACT PHONE EXT:	Not reported
OPERATOR CONTACT EMAIL:	rguneti1@irf.com

INT RECTIFIER CORP EL SEGUNDO (Continued) **U002287919**

OPERATOR TYPE:	Private Business
DEVELOPER NAME:	Not reported
DEVELOPER ADDRESS:	Not reported
DEVELOPER CITY:	Not reported
DEVELOPER STATE:	California
DEVELOPER ZIP:	Not reported
DEVELOPER CONTACT NAME:	Not reported
DEVELOPER CONTACT TITLE:	Not reported
CONSTYPE LINEAR UTILITY IND:	Not reported
EMERGENCY PHONE NO:	310-345-6225
EMERGENCY PHONE EXT:	Not reported
CONSTYPE ABOVE GROUND IND:	Not reported
CONSTYPE BELOW GROUND IND:	Not reported
CONSTYPE CABLE LINE IND:	Not reported
CONSTYPE COMM LINE IND:	Not reported
CONSTYPE COMMERTIAL IND:	Not reported
CONSTYPE ELECTRICAL LINE IND:	Not reported
CONSTYPE GAS LINE IND:	Not reported
CONSTYPE INDUSTRIAL IND:	Not reported
CONSTYPE OTHER DESRIPTION:	Not reported
CONSTYPE OTHER IND:	Not reported
CONSTYPE RECONS IND:	Not reported
CONSTYPE RESIDENTIAL IND:	Not reported
CONSTYPE TRANSPORT IND:	Not reported
CONSTYPE UTILITY DESCRIPTION:	Not reported
CONSTYPE UTILITY IND:	Not reported
CONSTYPE WATER SEWER IND:	Not reported
DIR DISCHARGE USWATER IND:	N
RECEIVING WATER NAME:	Pacific Ocean
CERTIFIER NAME:	GORDON PEILTE
CERTIFIER TITLE:	EHS MANAGER
CERTIFICATION DATE:	16-JUN-15
PRIMARY SIC:	3674-Semiconductors and Related Devices
SECONDARY SIC:	Not reported
TERTIARY SIC:	Not reported
Npdes Number:	CAS000001
Facility Status:	Terminated
Agency Id:	0
Region:	4
Regulatory Measure Id:	188760
Order No:	97-03-DWQ
Regulatory Measure Type:	Enrollee
Place Id:	Not reported
WDID:	4 19I001141
Program Type:	Industrial
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	03/25/1992
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	10/09/2014
Discharge Name:	International Rectifier
Discharge Address:	101 N Sepulveda Blvd
Discharge City:	El Segundo
Discharge State:	California
Discharge Zip:	90245
RECEIVED DATE:	Not reported
PROCESSED DATE:	Not reported

INT RECTIFIER CORP EL SEGUNDO (Continued) **U002287919**

STATUS CODE NAME:	Not reported
STATUS DATE:	Not reported
PLACE SIZE:	Not reported
PLACE SIZE UNIT:	Not reported
FACILITY CONTACT NAME:	Not reported
FACILITY CONTACT TITLE:	Not reported
FACILITY CONTACT PHONE:	Not reported
FACILITY CONTACT PHONE EXT:	Not reported
FACILITY CONTACT EMAIL:	Not reported
OPERATOR NAME:	Not reported
OPERATOR ADDRESS:	Not reported
OPERATOR CITY:	Not reported
OPERATOR STATE:	Not reported
OPERATOR ZIP:	Not reported
OPERATOR CONTACT NAME:	Not reported
OPERATOR CONTACT TITLE:	Not reported
OPERATOR CONTACT PHONE:	Not reported
OPERATOR CONTACT PHONE EXT:	Not reported
OPERATOR CONTACT EMAIL:	Not reported
OPERATOR TYPE:	Not reported
DEVELOPER NAME:	Not reported
DEVELOPER ADDRESS:	Not reported
DEVELOPER CITY:	Not reported
DEVELOPER STATE:	Not reported
DEVELOPER ZIP:	Not reported
DEVELOPER CONTACT NAME:	Not reported
DEVELOPER CONTACT TITLE:	Not reported
CONSTYPE LINEAR UTILITY IND:	Not reported
EMERGENCY PHONE NO:	Not reported
EMERGENCY PHONE EXT:	Not reported
CONSTYPE ABOVE GROUND IND:	Not reported
CONSTYPE BELOW GROUND IND:	Not reported
CONSTYPE CABLE LINE IND:	Not reported
CONSTYPE COMM LINE IND:	Not reported
CONSTYPE COMMERTIAL IND:	Not reported
CONSTYPE ELECTRICAL LINE IND:	Not reported
CONSTYPE GAS LINE IND:	Not reported
CONSTYPE INDUSTRIAL IND:	Not reported
CONSTYPE OTHER DESRIPTION:	Not reported
CONSTYPE OTHER IND:	Not reported
CONSTYPE RECONS IND:	Not reported
CONSTYPE RESIDENTIAL IND:	Not reported
CONSTYPE TRANSPORT IND:	Not reported
CONSTYPE UTILITY DESCRIPTION:	Not reported
CONSTYPE UTILITY IND:	Not reported
CONSTYPE WATER SEWER IND:	Not reported
DIR DISCHARGE USWATER IND:	Not reported
RECEIVING WATER NAME:	Not reported
CERTIFIER NAME:	Not reported
CERTIFIER TITLE:	Not reported
CERTIFICATION DATE:	Not reported
PRIMARY SIC:	Not reported
SECONDARY SIC:	Not reported
TERTIARY SIC:	Not reported

WDS:
Facility ID: 4 19I001141

INT RECTIFIER CORP EL SEGUNDO (Continued) **U002287919**

Facility Type:	Industrial - Facility that treats and/or disposes of liquid or semisolid wastes from any servicing, producing, manufacturing or processing operation of whatever nature, including mining, gravel washing, geothermal operations, air conditioning, ship building and repairing, oil production, storage and disposal operations, water pumping.
Facility Status:	Active - Any facility with a continuous or seasonal discharge that is under Waste Discharge Requirements.
NPDES Number:	CAS000001 The 1st 2 characters designate the state. The remaining 7 are assigned by the Regional Board
Subregion:	4
Facility Telephone:	3107268283
Facility Contact:	CYNTHIA VELEZ
Agency Name:	INT RECTIFIER CORP
Agency Address:	233 Kansas St
Agency City,St,Zip:	El Segundo 902454316
Agency Contact:	CORPORATION
Agency Telephone:	3103223331
Agency Type:	Private
SIC Code:	0
SIC Code 2:	Not reported
Primary Waste Type:	Not reported
Primary Waste:	Not reported
Waste Type2:	Not reported
Waste2:	Not reported
Primary Waste Type:	Not reported
Secondary Waste:	Not reported
Secondary Waste Type:	Not reported
Design Flow:	0
Baseline Flow:	0
Reclamation:	Not reported
POTW:	Not reported
Treat To Water:	Minor Threat to Water Quality. A violation of a regional board order should cause a relatively minor impairment of beneficial uses compared to a major or minor threat. Not: All nurds without a TTWQ will be considered a minor threat to water quality unless coded at a higher Level. A Zero (0) may be used to code those NURDS that are found to represent no threat to water quality.
Complexity:	Category C - Facilities having no waste treatment systems, such as cooling water dischargers or thosewho must comply through best management practices, facilities with passive waste treatment and disposal systems, such as septic systems with subsurface disposal, or dischargers having waste storage systems with land disposal such as dairy waste ponds.

E26 **INTERNATIONAL RECTIFIER CORP.** **CA SLIC** **1005976343**
SSW **233 KANSAS** **N/A**
< 1/8 **EL SEGUNDO, CA 90245**
0.068 mi.
357 ft. **Site 2 of 2 in cluster E**

Relative:
Lower

Actual:
118 ft.

SLIC REG 4:

Region:	4
Facility Status:	No further action required
SLIC:	0608
Substance:	Not reported
Staff:	PR

27
ENE
< 1/8
0.092 mi.
487 ft.

SPECTRUM METAL FINISHERS INC
1720 E HOLLY AVE
EL SEGUNDO, CA 90245

RCRA-SQG **1000181882**
CA EMI **CAD009661802**
CA HAZNET
CA LOS ANGELES CO. HMS

Relative:
Lower

Actual:
108 ft.

RCRA-SQG:

Date form received by agency:	09/01/1996
Facility name:	SPECTRUM METAL FINISHERS INC
Facility address:	1720 E HOLLY AVE EL SEGUNDO, CA 90245
EPA ID:	CAD009661802
Contact:	Not reported
Contact address:	Not reported Not reported
Contact country:	US
Contact telephone:	Not reported
Contact email:	Not reported
EPA Region:	09
Land type:	Facility is not located on Indian land. Additional information is not known.
Classification:	Small Small Quantity Generator
Description:	Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

Owner/operator name:	JAMES PRATT
Owner/operator address:	NOT REQUIRED NOT REQUIRED, ME 99999
Owner/operator country:	Not reported
Owner/operator telephone:	(415) 555-1212
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Owner/operator name:	NOT REQUIRED
Owner/operator address:	NOT REQUIRED NOT REQUIRED, ME 99999
Owner/operator country:	Not reported
Owner/operator telephone:	(415) 555-1212
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No

SPECTRUM METAL FINISHERS INC (Continued) **1000181882**

Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 08/18/1980
Site name: SPECTRUM METAL FINISHERS INC
Classification: Large Quantity Generator

Facility Has Received Notices of Violations:
Regulation violated: FR - 262.10-12.A
Area of violation: Generators - General
Date violation determined: 03/08/1990
Date achieved compliance: 03/08/1995
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Evaluation Action Summary:
Evaluation date: 03/08/1990
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 03/08/1995
Evaluation lead agency: State Contractor/Grantee

EMI:
Year: 1995
County Code: 19
Air Basin: SC
Facility ID: 3460
Air District Name: SC
SIC Code: 3479
Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 5
Reactive Organic Gases Tons/Yr: 3
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr: 0

HAZNET:
envid: 1000181882
Year: 1995
GEPAID: CAD009661802

SPECTRUM METAL FINISHERS INC (Continued) **1000181882**

Contact: LAMES PRATT
Telephone: 0000000000
Mailing Name: Not reported
Mailing Address: 1720 E HOLLY AVE
Mailing City,St,Zip: EL SEGUNDO, CA 902454404
Gen County: Not reported
TSD EPA ID: CAT080022148
TSD County: Not reported
Waste Category: Other inorganic solid waste
Disposal Method: Transfer Station
Tons: 1.0000
Cat Decode: Other inorganic solid waste
Method Decode: Transfer Station
Facility County: Los Angeles

envid: 1000181882
Year: 1995
GEPAID: CAD009661802
Contact: LAMES PRATT
Telephone: 0000000000
Mailing Name: Not reported
Mailing Address: 1720 E HOLLY AVE
Mailing City,St,Zip: EL SEGUNDO, CA 902454404
Gen County: Not reported
TSD EPA ID: CAT080022148
TSD County: Not reported
Waste Category: Liquids with pH <= 2
Disposal Method: Transfer Station
Tons: .1000
Cat Decode: Liquids with pH <= 2
Method Decode: Transfer Station
Facility County: Los Angeles

envid: 1000181882
Year: 1995
GEPAID: CAD009661802
Contact: LAMES PRATT
Telephone: 0000000000
Mailing Name: Not reported
Mailing Address: 1720 E HOLLY AVE
Mailing City,St,Zip: EL SEGUNDO, CA 902454404
Gen County: Not reported
TSD EPA ID: CAT080022148
TSD County: Not reported
Waste Category: Paint sludge
Disposal Method: Transfer Station
Tons: .7714
Cat Decode: Paint sludge
Method Decode: Transfer Station
Facility County: Los Angeles

envid: 1000181882
Year: 1995
GEPAID: CAD009661802
Contact: LAMES PRATT
Telephone: 0000000000
Mailing Name: Not reported

SPECTRUM METAL FINISHERS INC (Continued) **1000181882**

Mailing Address: 1720 E HOLLY AVE
Mailing City,St,Zip: EL SEGUNDO, CA 902454404
Gen County: Not reported
TSD EPA ID: CAT080022148
TSD County: Not reported
Waste Category: Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)
Disposal Method: Transfer Station
Tons: .1876
Cat Decode: Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)
Method Decode: Transfer Station
Facility County: Los Angeles

envid: 1000181882
Year: 1995
GEPAID: CAD009661802
Contact: LAMES PRATT
Telephone: 0000000000
Mailing Name: Not reported
Mailing Address: 1720 E HOLLY AVE
Mailing City,St,Zip: EL SEGUNDO, CA 902454404
Gen County: Not reported
TSD EPA ID: CAD008364432
TSD County: Not reported
Waste Category: Halogenated solvents (chloroforms, methyl chloride, perchloroethylene, etc)
Disposal Method: Recycler
Tons: .4503
Cat Decode: Halogenated solvents (chloroforms, methyl chloride, perchloroethylene, etc)
Method Decode: Recycler
Facility County: Los Angeles

Click this hyperlink while viewing on your computer to access
6 additional CA_HAZNET: record(s) in the EDR Site Report.

LOS ANGELES CO. HMS:
Region: LA
Permit Category: I
Facility Id: 008220-I08752
Facility Type: 01
Facility Status: Closed
Area: 2N
Permit Number: 000010378
Permit Status: Closed

C28 **DEUTSCH FASTENER CORP** **RCRA-SQG** **1000420901**
WSW **1315 EAST GRAND AVE** **CA SWEEPS UST** **CAD990664245**
< 1/8 **EL SEGUNDO, CA 90245** **CA HIST UST**
0.099 mi. **FINDS**
522 ft. **Site 4 of 6 in cluster C** **ECHO**

Relative: Higher

Actual: 136 ft.

RCRA-SQG:
Date form received by agency: 09/01/1996
Facility name: DEUTSCH FASTENER CORP
Facility address: 1315 EAST GRAND AVE
EL SEGUNDO, CA 90245
EPA ID: CAD990664245
Mailing address: EAST GRAND AVE

DEUTSCH FASTENER CORP (Continued) **1000420901**

EL SEGUNDO, CA 90245
Contact: Not reported
Contact address: Not reported
Not reported
Contact country: US
Contact telephone: Not reported
Contact email: Not reported
EPA Region: 09
Classification: Small Small Quantity Generator
Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:
Owner/operator name: DEUTSCH FASTENER CORPORATION
Owner/operator address: NOT REQUIRED
NOT REQUIRED, ME 99999
Owner/operator country: Not reported
Owner/operator telephone: (415) 555-1212
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: NOT REQUIRED
Owner/operator address: NOT REQUIRED
NOT REQUIRED, ME 99999
Owner/operator country: Not reported
Owner/operator telephone: (415) 555-1212
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Violation Status: No violations found

SWEEPS UST:
Status: Active

DEUTSCH FASTENER CORP (Continued) **1000420901**

Comp Number: 12431
Number: 9
Board Of Equalization: Not reported
Referral Date: 06-30-89
Action Date: Not reported
Created Date: 06-30-89
Owner Tank Id: Not reported
SWRCB Tank Id: Not reported
Tank Status: Not reported
Capacity: Not reported
Active Date: Not reported
Tank Use: Not reported
STG: Not reported
Content: Not reported
Number Of Tanks: Not reported

HIST UST:
File Number: 000276BD
URL: http://geotracker.waterboards.ca.gov/ustpdfs/pdf/000276BD.pdf
Region: STATE
Facility ID: 00000017599
Facility Type: Other
Other Type: FASTENER MNF.
Contact Name: RALPH L. MYTYS
Telephone: 2133228840
Owner Name: DEUTSCH FASTENER CORP.
Owner Address: 1315 E. GRAND AVE.
Owner City,St,Zip: EL SEGUNDO, CA 90245
Total Tanks: 0001

Tank Num: 001
Container Num: Not reported
Year Installed: Not reported
Tank Capacity: 00001200
Tank Used for: WASTE
Type of Fuel: Not reported
Container Construction Thickness: Not reported
Leak Detection: None

Tank Num: 001
Container Num: Not reported
Year Installed: Not reported
Tank Capacity: 00001200
Tank Used for: WASTE
Type of Fuel: Not reported
Container Construction Thickness: Not reported
Leak Detection: None

Click here for Geo Tracker PDF:

FINDS:

Registry ID: 110009551494

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource

DEUTSCH FASTENER CORP (Continued) **1000420901**

Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Registry ID: 110002801040

Environmental Interest/Information System

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

ECHO:

Envid:	1000420901
Registry ID:	110002801040
DFR URL:	http://echo.epa.gov/detailed_facility_report?fid=110002801040

Envid:	1000420901
Registry ID:	110009551494
DFR URL:	http://echo.epa.gov/detailed_facility_report?fid=110009551494

C29 **TOWN SQUARE GRAND** **RCRA-SQG** **1000306086**
WSW **1315 GRAND AVE** **CAD982358426**
< 1/8 **EL SEGUNDO, CA 90245**
0.099 mi.
522 ft. **Site 5 of 6 in cluster C**

Relative:
Higher

Actual:
136 ft.

RCRA-SQG:

Date form received by agency:	09/01/1996
Facility name:	TOWN SQUARE GRAND
Facility address:	1315 GRAND AVE EL SEGUNDO, CA 90245
EPA ID:	CAD982358426
Mailing address:	220 S PACIFIC COAST HWY REDONDO BEACH, CA 90277
Contact:	Not reported
Contact address:	Not reported Not reported
Contact country:	US
Contact telephone:	Not reported
Contact email:	Not reported
EPA Region:	09
Classification:	Small Small Quantity Generator
Description:	Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

Owner/operator name:	1315 GRAND AVE PARTNERHIP
Owner/operator address:	NOT REQUIRED

TOWN SQUARE GRAND (Continued) **1000306086**

NOT REQUIRED, ME 99999
Owner/operator country: Not reported
Owner/operator telephone: (415) 555-1212
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: NOT REQUIRED
Owner/operator address: NOT REQUIRED
NOT REQUIRED, ME 99999
Owner/operator country: Not reported
Owner/operator telephone: (415) 555-1212
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 10/28/1987
Site name: TOWN SQUARE GRAND
Classification: Large Quantity Generator

Violation Status: No violations found

C30 **MATSUI INTERNATIONAL CO** **RCRA-SQG** **1000856945**
WSW **1310 E GRAND AVE** **FINDS** **CA0000008193**
< 1/8 **EL SEGUNDO, CA 90245** **CA LOS ANGELES CO. HMS**
0.100 mi. **ECHO**
529 ft. **Site 6 of 6 in cluster C**

Relative: Higher

Actual: 136 ft.

RCRA-SQG:
Date form received by agency: 09/23/1993
Facility name: MATSUI INTERNATIONAL CO
Facility address: 1310 E GRAND AVE
EL SEGUNDO, CA 90245
EPA ID: CA0000008193
Contact: KAZUMI KAWAKAMI
Contact address: 1310 E GRAND AVE
EL SEGUNDO, CA 90245
Contact country: US

MATSUI INTERNATIONAL CO (Continued) **1000856945**

Contact telephone: (310) 322-5345
Contact email: Not reported
EPA Region: 09
Classification: Small Small Quantity Generator
Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:
Owner/operator name: MATSUI INTERNATIONAL CO
Owner/operator address: 1310 E GRAND AVE
EL SEGUNDO, CA 90245
Owner/operator country: Not reported
Owner/operator telephone: (310) 322-5345
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Violation Status: No violations found

FINDS:

Registry ID: 110002610407

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

LOS ANGELES CO. HMS:
Region: LA
Permit Category: I

MATSUI INTERNATIONAL CO (Continued) **1000856945**

Facility Id: 008870-I16495
Facility Type: 09
Facility Status: Closed
Area: 2N
Permit Number: 000012464
Permit Status: Closed

Region: LA
Permit Category: I
Facility Id: 008870-I16495
Facility Type: 01
Facility Status: Closed
Area: 2N
Permit Number: 000078524
Permit Status: Closed

ECHO:
Envid: 1000856945
Registry ID: 110002610407
DFR URL: http://echo.epa.gov/detailed_facility_report?fid=110002610407

F31 **EDR Hist Auto** **1015261570**
SSE **1661 E FRANKLIN AVE** **N/A**
< 1/8 **EL SEGUNDO, CA 90245**
0.112 mi.
592 ft. **Site 1 of 4 in cluster F**

Relative:
Lower

Actual:
115 ft.

EDR Historical Auto Stations:
Name: C & E AUTO REPAIR
Year: 2010
Address: 1661 E FRANKLIN AVE

Name: CS AUTO REPAIR
Year: 2012
Address: 1661 E FRANKLIN AVE

G32 **R B H CORP** **CA SWEEPS UST** **S100934355**
SW **211 CALIFORNIA ST** **CA LOS ANGELES CO. HMS** **N/A**
1/8-1/4 **EL SEGUNDO, CA 90245**
0.125 mi.
661 ft. **Site 1 of 4 in cluster G**

Relative:
Higher

Actual:
136 ft.

SWEEPS UST:
Status: Active
Comp Number: 14701
Number: 9
Board Of Equalization: Not reported
Referral Date: 06-30-89
Action Date: Not reported
Created Date: 06-30-89
Owner Tank Id: Not reported
SWRCB Tank Id: Not reported
Tank Status: Not reported
Capacity: Not reported
Active Date: Not reported
Tank Use: Not reported

R B H CORP (Continued) **S100934355**

STG: Not reported
Content: Not reported
Number Of Tanks: Not reported

LOS ANGELES CO. HMS:
Region: LA
Permit Category: T
Facility Id: 014177-014701
Facility Type: 1
Facility Status: Closed
Area: 2N
Permit Number: 000089579
Permit Status: Closed

G33 **HERBER AIRCRAFT SVC INC** **RCRA-SQG** **1004676149**
SSW **1401 E FRANKLIN AVE** **FINDS** **CAR000081489**
1/8-1/4 **EL SEGUNDO, CA 90245** **CA HAZNET**
0.127 mi. **ECHO**
672 ft. **Site 2 of 4 in cluster G**

Relative:
Higher

Actual:
135 ft.

RCRA-SQG:
Date form received by agency: 08/31/2000
Facility name: HERBER AIRCRAFT SVC INC
Facility address: 1401 E FRANKLIN AVE
EL SEGUNDO, CA 90245
EPA ID: CAR000081489
Contact: GREG NYGHT
Contact address: 1401 E FRANKLIN AVE
EL SEGUNDO, CA 90245
Contact country: US
Contact telephone: (310) 322-9575
Contact email: Not reported
EPA Region: 09
Classification: Small Small Quantity Generator
Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:
Owner/operator name: BRUCE HERBER
Owner/operator address: 1401 E FRANKLIN AVE
EL SEGUNDO, CA 90245
Owner/operator country: Not reported
Owner/operator telephone: (310) 322-9575
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No

HERBER AIRCRAFT SVC INC (Continued) **1004676149**

Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

. Waste code: D039
. Waste name: TETRACHLOROETHYLENE

Violation Status: No violations found

FINDS:

Registry ID: 110012266877

Environmental Interest/Information System
California Hazardous Waste Tracking System - Datamart (HWTS-DATAMART) provides California with information on hazardous waste shipments for generators, transporters, and treatment, storage, and disposal facilities.

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

HAZNET:
envid: 1004676149
Year: 2003
GEPAID: CAR000081489
Contact: GREG NYGHT, DIRECTOR OF Q A
Telephone: 3103229575
Mailing Name: Not reported
Mailing Address: 1401 E FRANKLIN AVE
Mailing City,St,Zip: EL SEGUNDO, CA 902450000
Gen County: Not reported
TSD EPA ID: CAT000613935
TSD County: Not reported
Waste Category: Aqueous solution with total organic residues less than 10 percent
Disposal Method: Transfer Station
Tons: 0.16
Cat Decode: Aqueous solution with total organic residues less than 10 percent
Method Decode: Transfer Station
Facility County: Los Angeles

envid: 1004676149
Year: 2002
GEPAID: CAR000081489

HERBER AIRCRAFT SVC INC (Continued) **1004676149**

Contact:	GREG NYGHT, DIRECTOR OF Q A
Telephone:	3103229575
Mailing Name:	Not reported
Mailing Address:	1401 E FRANKLIN AVE
Mailing City,St,Zip:	EL SEGUNDO, CA 902450000
Gen County:	Not reported
TSD EPA ID:	CAT000613935
TSD County:	Not reported
Waste Category:	Aqueous solution with total organic residues less than 10 percent
Disposal Method:	Transfer Station
Tons:	0.34
Cat Decode:	Aqueous solution with total organic residues less than 10 percent
Method Decode:	Transfer Station
Facility County:	Los Angeles

envid:	1004676149
Year:	2001
GEPAID:	CAR000081489
Contact:	GREG NYGHT, DIRECTOR OF Q A
Telephone:	3103229575
Mailing Name:	Not reported
Mailing Address:	1401 E FRANKLIN AVE
Mailing City,St,Zip:	EL SEGUNDO, CA 902450000
Gen County:	Not reported
TSD EPA ID:	CAT000613935
TSD County:	Not reported
Waste Category:	Aqueous solution with total organic residues less than 10 percent
Disposal Method:	Transfer Station
Tons:	0.47
Cat Decode:	Aqueous solution with total organic residues less than 10 percent
Method Decode:	Transfer Station
Facility County:	Los Angeles

envid:	1004676149
Year:	2000
GEPAID:	CAR000081489
Contact:	GREG NYGHT, DIRECTOR OF Q A
Telephone:	3103229575
Mailing Name:	Not reported
Mailing Address:	1401 E FRANKLIN AVE
Mailing City,St,Zip:	EL SEGUNDO, CA 902450000
Gen County:	Not reported
TSD EPA ID:	CAT000613935
TSD County:	Not reported
Waste Category:	Aqueous solution with total organic residues less than 10 percent
Disposal Method:	Transfer Station
Tons:	0.2
Cat Decode:	Aqueous solution with total organic residues less than 10 percent
Method Decode:	Transfer Station
Facility County:	Los Angeles

ECHO:

Envid:	1004676149
Registry ID:	110012266877
DFR URL:	http://echo.epa.gov/detailed_facility_report?fid=110012266877

G34 **TASHKEN AUTO SERVICES INC** **RCRA-SQG** **1001115448**
SW **224 OREGON STREET** **FINDS** **CAR000013839**
1/8-1/4 **EL SEGUNDO, CA 90245** **ECHO**
0.135 mi.
713 ft. **Site 3 of 4 in cluster G**

Relative:
Higher

Actual:
132 ft.

RCRA-SQG:

Date form received by agency:	11/21/2001
Facility name:	TASHKEN AUTO SERVICES INC
Facility address:	224 OREGON ST EL SEGUNDO, CA 90245
EPA ID:	CAR000013839
Contact:	YURI INGER
Contact address:	224 OREGON ST EL SEGUNDO, CA 90245
Contact country:	US
Contact telephone:	(310) 640-8881
Contact email:	Not reported
EPA Region:	09
Classification:	Small Small Quantity Generator
Description:	Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

Owner/operator name:	YURI INGER
Owner/operator address:	224 OREGON ST EL SEGUNDO, CA 90245
Owner/operator country:	Not reported
Owner/operator telephone:	(310) 640-8881
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No
Used oil Specification marketer:	No
Used oil transfer facility:	No
Used oil transporter:	No

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: D008

TASHKEN AUTO SERVICES INC (Continued) **1001115448**

. Waste name: LEAD

. Waste code: D018
. Waste name: BENZENE

. Waste code: D035
. Waste name: METHYL ETHYL KETONE

. Waste code: D039
. Waste name: TETRACHLOROETHYLENE

. Waste code: D040
. Waste name: TRICHLORETHYLENE

. Waste code: F003
. Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F005
. Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Violation Status: No violations found

FINDS:

Registry ID: 110002913081

Environmental Interest/Information System

California Hazardous Waste Tracking System - Datamart (HWTS-DATAMART) provides California with information on hazardous waste shipments for generators, transporters, and treatment, storage, and disposal facilities.

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

ECHO:
Envid: 1001115448

TASHKEN AUTO SERVICES INC (Continued) **1001115448**

Registry ID: 110002913081
DFR URL: http://echo.epa.gov/detailed_facility_report?fid=110002913081

F35 **ELECTROPLY, INC** **RCRA-SQG** **1000181741**
SSE **139 ILLINOIS ST** **CA HIST UST** **CAD981379506**
1/8-1/4 **EL SEGUNDO, CA 90245** **CA EMI**
0.135 mi.
713 ft. **Site 2 of 4 in cluster F**

Relative:
Lower

Actual:
113 ft.

RCRA-SQG:
Date form received by agency: 03/04/1999
Facility name: ELECTROPLY, INC
Site name: ELECTROPLY, INC.
Facility address: 139 ILLINOIS ST
EL SEGUNDO, CA 902453259
EPA ID: CAD981379506
Contact: ARTURO GALINDO
Contact address: Not reported
Not reported
Contact country: US
Contact telephone: (310) 322-5647
Contact email: Not reported
EPA Region: 09
Land type: Facility is not located on Indian land. Additional information is not known.
Classification: Small Small Quantity Generator
Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 09/01/1996
Site name: ELECTROPLY, INC
Classification: Large Quantity Generator

Date form received by agency: 09/01/1996
Site name: ELECTROPLY, INC
Classification: Small Quantity Generator

ELECTROPLY, INC (Continued) **1000181741**

Date form received by agency: 03/20/1996
Site name: ELECTROPLY, INC.
Classification: Large Quantity Generator

Date form received by agency: 03/24/1994
Site name: ELECTROPLY, INC.
Classification: Large Quantity Generator

Date form received by agency: 02/20/1992
Site name: ELECTROPLY INC
Classification: Large Quantity Generator

Date form received by agency: 04/05/1990
Site name: ELECTROPLY, INC
Classification: Large Quantity Generator

Date form received by agency: 02/04/1986
Site name: ELECTROPLY, INC
Classification: Large Quantity Generator

Violation Status: No violations found

Evaluation Action Summary:
Evaluation date: 04/22/1993
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State Contractor/Grantee

HIST UST:
File Number: 0002643A
URL: http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0002643A.pdf
Region: STATE
Facility ID: 00000065957
Facility Type: Other
Other Type: MANUFACTURING
Contact Name: Not reported
Telephone: 2136783975
Owner Name: ELECTROPLY INC.
Owner Address: 140 WASHINGTON ST.
Owner City,St,Zip: EL SEGUNDO, CA 90245
Total Tanks: 0003

Tank Num: 001
Container Num: 1
Year Installed: 1985
Tank Capacity: 00005000
Tank Used for: PRODUCT
Type of Fuel: Not reported
Container Construction Thickness: X
Leak Detection: Sensor Instrument

Tank Num: 002
Container Num: 2
Year Installed: 1985
Tank Capacity: 00005000
Tank Used for: PRODUCT

ELECTROPLY, INC (Continued) **1000181741**

Type of Fuel:	Not reported
Container Construction Thickness:	Not reported
Leak Detection:	Sensor Instrument

Tank Num:	003
Container Num:	3
Year Installed:	1985
Tank Capacity:	00002000
Tank Used for:	PRODUCT
Type of Fuel:	Not reported
Container Construction Thickness:	Not reported
Leak Detection:	Sensor Instrument

Click here for Geo Tracker PDF:

EMI:

Year:	1987
County Code:	19
Air Basin:	SC
Facility ID:	17971
Air District Name:	SC
SIC Code:	3083
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	22
Reactive Organic Gases Tons/Yr:	2
Carbon Monoxide Emissions Tons/Yr:	1
NOX - Oxides of Nitrogen Tons/Yr:	3
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Year:	1990
County Code:	19
Air Basin:	SC
Facility ID:	17971
Air District Name:	SC
SIC Code:	3083
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	60
Reactive Organic Gases Tons/Yr:	17
Carbon Monoxide Emissions Tons/Yr:	1
NOX - Oxides of Nitrogen Tons/Yr:	2
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Year:	1993
County Code:	19
Air Basin:	SC
Facility ID:	17971
Air District Name:	SC
SIC Code:	3083
Air District Name:	SOUTH COAST AQMD

ELECTROPLY, INC (Continued) **1000181741**

Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	3
Reactive Organic Gases Tons/Yr:	3
Carbon Monoxide Emissions Tons/Yr:	1
NOX - Oxides of Nitrogen Tons/Yr:	2
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Year:	1995
County Code:	19
Air Basin:	SC
Facility ID:	17971
Air District Name:	SC
SIC Code:	3083
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	3
Reactive Organic Gases Tons/Yr:	3
Carbon Monoxide Emissions Tons/Yr:	1
NOX - Oxides of Nitrogen Tons/Yr:	2
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Year:	1996
County Code:	19
Air Basin:	SC
Facility ID:	17971
Air District Name:	SC
SIC Code:	3083
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	5
Reactive Organic Gases Tons/Yr:	4
Carbon Monoxide Emissions Tons/Yr:	1
NOX - Oxides of Nitrogen Tons/Yr:	3
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Year:	1997
County Code:	19
Air Basin:	SC
Facility ID:	17971
Air District Name:	SC
SIC Code:	3083
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	4
Reactive Organic Gases Tons/Yr:	3
Carbon Monoxide Emissions Tons/Yr:	1
NOX - Oxides of Nitrogen Tons/Yr:	2

ELECTROPLY, INC (Continued) **1000181741**

SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr: 0

Year: 1998
County Code: 19
Air Basin: SC
Facility ID: 17971
Air District Name: SC
SIC Code: 3083
Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 4
Reactive Organic Gases Tons/Yr: 2
Carbon Monoxide Emissions Tons/Yr: 1
NOX - Oxides of Nitrogen Tons/Yr: 2
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr: 0

Year: 1999
County Code: 19
Air Basin: SC
Facility ID: 17971
Air District Name: SC
SIC Code: 3083
Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 4
Reactive Organic Gases Tons/Yr: 3
Carbon Monoxide Emissions Tons/Yr: 1
NOX - Oxides of Nitrogen Tons/Yr: 2
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr: 0

Year: 2000
County Code: 19
Air Basin: SC
Facility ID: 17971
Air District Name: SC
SIC Code: 3083
Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 4
Reactive Organic Gases Tons/Yr: 3
Carbon Monoxide Emissions Tons/Yr: 1
NOX - Oxides of Nitrogen Tons/Yr: 2
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr: 0

Year: 2001
County Code: 19

ELECTROPLY, INC (Continued) **1000181741**

Air Basin:	SC
Facility ID:	17971
Air District Name:	SC
SIC Code:	3083
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	1
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Year:	2002
County Code:	19
Air Basin:	SC
Facility ID:	17971
Air District Name:	SC
SIC Code:	3083
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Year:	2003
County Code:	19
Air Basin:	SC
Facility ID:	17971
Air District Name:	SC
SIC Code:	3083
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Year:	2004
County Code:	19
Air Basin:	SC
Facility ID:	17971
Air District Name:	SC
SIC Code:	3083
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported

ELECTROPLY, INC (Continued) **1000181741**

Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.27941
Reactive Organic Gases Tons/Yr:	0.13
Carbon Monoxide Emissions Tons/Yr:	0.133
NOX - Oxides of Nitrogen Tons/Yr:	0.495
SOX - Oxides of Sulphur Tons/Yr:	0.00316
Particulate Matter Tons/Yr:	0.0286
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0.03

Year:	2005
County Code:	19
Air Basin:	SC
Facility ID:	17971
Air District Name:	SC
SIC Code:	3083
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	8.89709
Reactive Organic Gases Tons/Yr:	8.278993398
Carbon Monoxide Emissions Tons/Yr:	.108
NOX - Oxides of Nitrogen Tons/Yr:	.129
SOX - Oxides of Sulphur Tons/Yr:	.00077
Particulate Matter Tons/Yr:	.0098
Part. Matter 10 Micrometers and Smllr Tons/Yr:	.0098

Year:	2006
County Code:	19
Air Basin:	SC
Facility ID:	17971
Air District Name:	SC
SIC Code:	3083
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	9.204448365703458076
Reactive Organic Gases Tons/Yr:	8.403
Carbon Monoxide Emissions Tons/Yr:	.126
NOX - Oxides of Nitrogen Tons/Yr:	.15
SOX - Oxides of Sulphur Tons/Yr:	.001
Particulate Matter Tons/Yr:	.011
Part. Matter 10 Micrometers and Smllr Tons/Yr:	.011

Year:	2007
County Code:	19
Air Basin:	SC
Facility ID:	17971
Air District Name:	SC
SIC Code:	3083
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	9.204448365703458076
Reactive Organic Gases Tons/Yr:	8.403
Carbon Monoxide Emissions Tons/Yr:	.126
NOX - Oxides of Nitrogen Tons/Yr:	.15
SOX - Oxides of Sulphur Tons/Yr:	.001

ELECTROPLY, INC (Continued) **1000181741**

Particulate Matter Tons/Yr:	.011
Part. Matter 10 Micrometers and Smllr Tons/Yr:	.011
Year:	2008
County Code:	19
Air Basin:	SC
Facility ID:	17971
Air District Name:	SC
SIC Code:	3679
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	5.117049976314542870
Reactive Organic Gases Tons/Yr:	4.6650875
Carbon Monoxide Emissions Tons/Yr:	.07
NOX - Oxides of Nitrogen Tons/Yr:	.09
SOX - Oxides of Sulphur Tons/Yr:	.000555
Particulate Matter Tons/Yr:	.00703
Part. Matter 10 Micrometers and Smllr Tons/Yr:	.00703

F36 **ELECTROPLY INC** **CA SWEEPS UST** **1007276728**
SSE **139 ILLINOIS ST** **CA EMI** **N/A**
1/8-1/4 **EL SEGUNDO, CA**
0.135 mi.
713 ft. **Site 3 of 4 in cluster F**

Relative:
Lower

Actual:
113 ft.

SWEEPS UST:

Status:	Active
Comp Number:	10251
Number:	9
Board Of Equalization:	44-008788
Referral Date:	06-30-89
Action Date:	Not reported
Created Date:	06-30-89
Owner Tank Id:	Not reported
SWRCB Tank Id:	19-000-010251-000001
Tank Status:	A
Capacity:	Not reported
Active Date:	06-30-89
Tank Use:	UNKNOWN
STG:	W
Content:	Not reported
Number Of Tanks:	3
Status:	Active
Comp Number:	10251
Number:	9
Board Of Equalization:	44-008788
Referral Date:	06-30-89
Action Date:	Not reported
Created Date:	06-30-89
Owner Tank Id:	Not reported
SWRCB Tank Id:	19-000-010251-000002
Tank Status:	A
Capacity:	Not reported
Active Date:	06-30-89
Tank Use:	UNKNOWN
STG:	W

ELECTROPLY INC (Continued) **1007276728**

Content: Not reported
Number Of Tanks: Not reported

Status: Active
Comp Number: 10251
Number: 9
Board Of Equalization: 44-008788
Referral Date: 06-30-89
Action Date: Not reported
Created Date: 06-30-89
Owner Tank Id: Not reported
SWRCB Tank Id: 19-000-010251-000003
Tank Status: A
Capacity: Not reported
Active Date: 06-30-89
Tank Use: UNKNOWN
STG: W
Content: Not reported
Number Of Tanks: Not reported

EMI:

Year:	1987
County Code:	19
Air Basin:	SC
Facility ID:	46871
Air District Name:	SC
SIC Code:	3679
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Year:	1990
County Code:	19
Air Basin:	SC
Facility ID:	46871
Air District Name:	SC
SIC Code:	3083
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

H37 **PACIFIC CLARK AIKEN** **CA SWEEPS UST** **S102055888**
SW **225 OREGON ST** **CA LOS ANGELES CO. HMS** **N/A**
1/8-1/4 **EL SEGUNDO, CA 90245**
0.148 mi.
784 ft. **Site 1 of 2 in cluster H**

Relative:
Higher

Actual:
123 ft.

SWEEPS UST:

Status:	Active
Comp Number:	10490
Number:	9
Board Of Equalization:	Not reported
Referral Date:	06-30-89
Action Date:	Not reported
Created Date:	06-30-89
Owner Tank Id:	Not reported
SWRCB Tank Id:	Not reported
Tank Status:	Not reported
Capacity:	Not reported
Active Date:	Not reported
Tank Use:	Not reported
STG:	Not reported
Content:	Not reported
Number Of Tanks:	Not reported

LOS ANGELES CO. HMS:

Region:	LA
Permit Category:	T
Facility Id:	008443-010490
Facility Type:	Not reported
Facility Status:	Closed
Area:	2N
Permit Number:	Not reported
Permit Status:	Not reported

H38 **PACIFIC CLARK-AIKEN CORPORATION** **CA HIST UST** **S113058934**
SW **225 OREGON STREET** **CA HAZNET** **N/A**
1/8-1/4 **EL SEGUNDO, CA 90245**
0.148 mi.
784 ft. **Site 2 of 2 in cluster H**

Relative:
Higher

Actual:
123 ft.

HIST UST:

File Number:	00027B69
URL:	http://geotracker.waterboards.ca.gov/ustpdfs/pdf/00027B69.pdf
Region:	Not reported
Facility ID:	Not reported
Facility Type:	Not reported
Other Type:	Not reported
Contact Name:	Not reported
Telephone:	Not reported
Owner Name:	Not reported
Owner Address:	Not reported
Owner City,St,Zip:	Not reported
Total Tanks:	Not reported
Tank Num:	Not reported
Container Num:	Not reported
Year Installed:	Not reported
Tank Capacity:	Not reported
Tank Used for:	Not reported

PACIFIC CLARK-AIKEN CORPORATION (Continued) **S113058934**

Type of Fuel: Not reported
Container Construction Thickness: Not reported
Leak Detection: Not reported

Click here for Geo Tracker PDF:

HAZNET:

envid: S113058934
Year: 2014
GEPAID: CAL000097714
Contact: CHARLOTTE CONE
Telephone: 7148411750
Mailing Name: Not reported
Mailing Address: 17800 GOTHARD ST
Mailing City,St,Zip: HUNTINGTON BEACH, CA 926476217
Gen County: Los Angeles
TSD EPA ID: TXD982290140
TSD County: 99
Waste Category: Off-specification, aged or surplus organics
Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.0065
Cat Decode: Off-specification, aged or surplus organics
Method Decode: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Facility County: Los Angeles

envid: S113058934
Year: 2012
GEPAID: CAL000097714
Contact: CHARLOTTE TROILO
Telephone: 7148411750
Mailing Name: Not reported
Mailing Address: 17800 GOTHARD ST
Mailing City,St,Zip: HUNTINGTON BEACH, CA 926470000
Gen County: Los Angeles
TSD EPA ID: CAD981696420
TSD County: Los Angeles
Waste Category: Not reported
Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 2.2935
Cat Decode: Not reported
Method Decode: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Facility County: Los Angeles

envid: S113058934
Year: 2012
GEPAID: CAL000097714
Contact: CHARLOTTE TROILO
Telephone: 7148411750
Mailing Name: Not reported
Mailing Address: 17800 GOTHARD ST
Mailing City,St,Zip: HUNTINGTON BEACH, CA 926470000
Gen County: Los Angeles
TSD EPA ID: CAD008302903

PACIFIC CLARK-AIKEN CORPORATION (Continued) **S113058934**

TSD County: Los Angeles
Waste Category: Not reported
Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.033
Cat Decode: Not reported
Method Decode: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Facility County: Los Angeles

envid: S113058934
Year: 2012
GEPAID: CAL000097714
Contact: CHARLOTTE TROILO
Telephone: 7148411750
Mailing Name: Not reported
Mailing Address: 17800 GOTHARD ST
Mailing City,St,Zip: HUNTINGTON BEACH, CA 926470000
Gen County: Los Angeles
TSD EPA ID: CAD008364432
TSD County: Los Angeles
Waste Category: Not reported
Disposal Method: Fuel Blending Prior To Energy Recovery At Another Site
Tons: 0.099
Cat Decode: Not reported
Method Decode: Fuel Blending Prior To Energy Recovery At Another Site
Facility County: Los Angeles

envid: S113058934
Year: 2012
GEPAID: CAL000097714
Contact: CHARLOTTE TROILO
Telephone: 7148411750
Mailing Name: Not reported
Mailing Address: 17800 GOTHARD ST
Mailing City,St,Zip: HUNTINGTON BEACH, CA 926470000
Gen County: Los Angeles
TSD EPA ID: CAD097030993
TSD County: Los Angeles
Waste Category: Not reported
Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.45
Cat Decode: Not reported
Method Decode: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Facility County: Los Angeles

Click this hyperlink while viewing on your computer to access
25 additional CA_HAZNET: record(s) in the EDR Site Report.

F39
South
1/8-1/4
0.148 mi.
784 ft.

ELECTROPLY, INC.
140 WASHINGTON STREET
EL SEGUNDO, CA 90245

Site 4 of 4 in cluster F

CA UST **U003782138**
N/A

Relative:
Lower

Actual:
109 ft.

UST:
Facility ID: 300089
Permitting Agency: EL SEGUNDO, CITY OF
Latitude: 33.918701
Longitude: -118.397779

40
South
1/8-1/4
0.162 mi.
853 ft.

CUNNINGHAM RACING INC
140 KANSAS ST
EL SEGUNDO, CA 90245

RCRA-SQG **1001075631**
FINDS **CAR000007195**
ECHO

Relative:
Lower

Actual:
108 ft.

RCRA-SQG:
Date form received by agency: 11/28/1995
Facility name: CUNNINGHAM RACING INC
Facility address: 140 KANSAS ST
EL SEGUNDO, CA 90245
EPA ID: CAR000007195
Mailing address: KANSAS ST
EL SEGUNDO, CA 90245
Contact: CLAYTON CUNNINGHAM
Contact address: 140 KANSAS ST
EL SEGUNDO, CA 90245
Contact country: US
Contact telephone: (310) 322-2107
Contact email: Not reported
EPA Region: 09
Classification: Small Small Quantity Generator
Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:
Owner/operator name: CLAYTON CUNNINGHAM
Owner/operator address: 526 MAIN ST
EL SEGUNDO, CA 90245
Owner/operator country: Not reported
Owner/operator telephone: (310) 322-2107
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No

CUNNINGHAM RACING INC (Continued) **1001075631**

Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Violation Status: No violations found

FINDS:

Registry ID: 110002909130

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

ECHO:
Envid: 1001075631
Registry ID: 110002909130
DFR URL: http://echo.epa.gov/detailed_facility_report?fid=110002909130

G41 **CHEMICAL MILLING INTERNATIONAL CORP** **RCRA NonGen / NLR** **1000299394**
SW **1330 E. FRANKLIN AVE.** **FINDS** **CAD058014713**
1/8-1/4 **EL SEGUNDO, CA 90245** **ECHO**
0.165 mi.
873 ft. **Site 4 of 4 in cluster G**

Relative:
Higher

Actual:
132 ft.

RCRA NonGen / NLR:
Date form received by agency: 03/06/1981
Facility name: CHEM MILLING INTL
Facility address: 1330 E FRANKLIN
EL SEGUNDO, CA 90245
EPA ID: CAD058014713
Mailing address: 1330 EAST FRANKLIN
EL SEGUNDO, CA 90245
Contact: Not reported
Contact address: Not reported
Not reported
Contact country: US
Contact telephone: Not reported
Contact email: Not reported
EPA Region: 09
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:
Owner/operator name: NOT REQUIRED
Owner/operator address: NOT REQUIRED
NOT REQUIRED, ME 99999

CHEMICAL MILLING INTERNATIONAL CORP (Continued) **1000299394**

Owner/operator country: Not reported
Owner/operator telephone: (415) 555-1212
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: NOT REQUIRED
Owner/operator address: NOT REQUIRED
NOT REQUIRED, ME 99999
Owner/operator country: Not reported
Owner/operator telephone: (415) 555-1212
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Violation Status: No violations found

FINDS:

Registry ID: 110002140031

Environmental Interest/Information System
US EPA TRIS (Toxics Release Inventory System) contains information from facilities on the amounts of over 300 listed toxic chemicals that these facilities release directly to air, water, land, or that are transported off-site.

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

ECHO:
Envid: 1000299394
Registry ID: 110002140031

CHEMICAL MILLING INTERNATIONAL CORP (Continued) **1000299394**

DFR URL: http://echo.epa.gov/detailed_facility_report?fid=110002140031

I42 **AURA CORP** **RCRA-SQG** **1000820171**
WSW **1201 E GRAND** **FINDS** **CAD983661984**
1/8-1/4 **EL SEGUNDO, CA 90245** **ECHO**
0.171 mi.
904 ft. **Site 1 of 2 in cluster I**

Relative:
Higher

Actual:
123 ft.

RCRA-SQG:

Date form received by agency:	03/19/1993
Facility name:	AURA CORP
Facility address:	1201 E GRAND EL SEGUNDO, CA 90245
EPA ID:	CAD983661984
Contact:	DOUGLAS VINES
Contact address:	1201 E GRAND EL SEGUNDO, CA 90245
Contact country:	US
Contact telephone:	(310) 640-8537
Contact email:	Not reported
EPA Region:	09
Classification:	Small Small Quantity Generator
Description:	Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

Owner/operator name:	AURA CORP
Owner/operator address:	1201 E GRAND EL SEGUNDO, CA 90245
Owner/operator country:	Not reported
Owner/operator telephone:	(310) 640-8537
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No
Used oil Specification marketer:	No
Used oil transfer facility:	No
Used oil transporter:	No

Violation Status: No violations found

AURA CORP (Continued) **1000820171**

FINDS:

Registry ID: 110002894618

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

ECHO:

Envid:	1000820171
Registry ID:	110002894618
DFR URL:	http://echo.epa.gov/detailed_facility_report?fid=110002894618

J43 **JIM & JACK AUTO BODY** **CA LUST** **S101296171**
East **307 SEPULVEDA BLVD N** **CA HIST CORTESE** **N/A**
1/8-1/4 **EL SEGUNDO, CA 90245**
0.181 mi.
958 ft. **Site 1 of 7 in cluster J**

Relative:
Lower

Actual:
112 ft.

LUST:

Region:	STATE
Global Id:	T0603704033
Latitude:	33.9193645
Longitude:	-118.3963002
Case Type:	LUST Cleanup Site
Status:	Completed - Case Closed
Status Date:	10/08/1992
Lead Agency:	EL SEGUNDO, CITY OF
Case Worker:	SHT
Local Agency:	EL SEGUNDO, CITY OF
RB Case Number:	I-13092
LOC Case Number:	Not reported
File Location:	Not reported
Potential Media Affect:	Soil
Potential Contaminants of Concern:	Waste Oil / Motor / Hydraulic / Lubricating
Site History:	Not reported

Click here to access the California GeoTracker records for this facility:

Contact:

Global Id:	T0603704033
Contact Type:	Local Agency Caseworker
Contact Name:	STEVE TSUMURA
Organization Name:	EL SEGUNDO, CITY OF
Address:	314 MAIN STREET
City:	EL SEGUNDO
Email:	stsumura@elsegundo.org
Phone Number:	Not reported

Global Id:	T0603704033
Contact Type:	Regional Board Caseworker
Contact Name:	YUE RONG

JIM & JACK AUTO BODY (Continued) **S101296171**

Organization Name: LOS ANGELES RWQCB (REGION 4)
Address: 320 W. 4TH ST., SUITE 200
City: Los Angeles
Email: yrong@waterboards.ca.gov
Phone Number: Not reported

Status History:
Global Id: T0603704033
Status: Completed - Case Closed
Status Date: 10/08/1992

Global Id: T0603704033
Status: Open - Case Begin Date
Status Date: 10/02/1989

Global Id: T0603704033
Status: Open - Site Assessment
Status Date: 10/02/1989

Regulatory Activities:
Global Id: T0603704033
Action Type: Other
Date: 10/02/1989
Action: Leak Discovery

Global Id: T0603704033
Action Type: Other
Date: 09/26/1990
Action: Leak Reported

Global Id: T0603704033
Action Type: Other
Date: 10/02/1989
Action: Leak Stopped

LUST REG 4:
Region: 4
Regional Board: 04
County: Los Angeles
Facility Id: I-13092
Status: Case Closed
Substance: Waste Oil
Substance Quantity: Not reported
Local Case No: Not reported
Case Type: Soil
Abatement Method Used at the Site: Not reported
Global ID: T0603704033
W Global ID: Not reported
Staff: UNK
Local Agency: 19013
Cross Street: GRAND AVE.
Enforcement Type: Informal Enforcement Actions,including Notices of Violations and Staff Enforcement Letters
Date Leak Discovered: 10/2/1989
Date Leak First Reported: 9/26/1990
Date Leak Record Entered: 12/4/1990

JIM & JACK AUTO BODY (Continued) **S101296171**

Date Confirmation Began:	Not reported	
Date Leak Stopped:	10/2/1989	
Date Case Last Changed on Database:		10/8/1992
Date the Case was Closed:		10/8/1992
How Leak Discovered:	Tank Closure	
How Leak Stopped:	Not reported	
Cause of Leak:	UNK	
Leak Source:	UNK	
Operator:	KIZIRIAN, JAMES	
Water System:	Not reported	
Well Name:	Not reported	
Approx. Dist To Production Well (ft):		8074.48766678085450429762947 1
Source of Cleanup Funding:		UNK
Preliminary Site Assessment Workplan Submitted:		Not reported
Preliminary Site Assessment Began:		10/2/1989
Pollution Characterization Began:		Not reported
Remediation Plan Submitted:		Not reported
Remedial Action Underway:		Not reported
Post Remedial Action Monitoring Began:		Not reported
Enforcement Action Date:		1/1/1965
Historical Max MTBE Date:		Not reported
Hist Max MTBE Conc in Groundwater:		Not reported
Hist Max MTBE Conc in Soil:		Not reported
Significant Interim Remedial Action Taken:		Not reported
GW Qualifier:	Not reported	
Soil Qualifier:	Not reported	
Organization:	Not reported	
Owner Contact:	Not reported	
Responsible Party:	KEVORK TEXACO	
RP Address:	1605 GRAND AVE., E., EL SEGUNDO, 90245	
Program:	LUST	
Lat/Long:	33.9193645 / -1	
Local Agency Staff:	SHT	
Beneficial Use:	Not reported	
Priority:	Not reported	
Cleanup Fund Id:	Not reported	
Suspended:	Not reported	
Assigned Name:	Not reported	
Summary:	Not reported	

HIST CORTESE:

Region:	CORTESE
Facility County Code:	19
Reg By:	LTNKA
Reg Id:	I-13092

J44 **KEVORK TEXACO** **CA SWEEPS UST** **S100224390**
ESE **307 N SEPULVEDA BLVD** **CA LOS ANGELES CO. HMS** **N/A**
1/8-1/4 **EL SEGUNDO, CA 90245**
0.183 mi.
964 ft. **Site 2 of 7 in cluster J**

Relative:
Lower

Actual:
106 ft.

SWEEPS UST:

Status:	Active
Comp Number:	13092
Number:	9
Board Of Equalization:	44-010045

KEVORK TEXACO (Continued) **S100224390**

Referral Date: 06-30-89
Action Date: Not reported
Created Date: 06-30-89
Owner Tank Id: Not reported
SWRCB Tank Id: 19-000-013092-000001
Tank Status: A
Capacity: Not reported
Active Date: 06-30-89
Tank Use: UNKNOWN
STG: W
Content: Not reported
Number Of Tanks: 4

Status: Active
Comp Number: 13092
Number: 9
Board Of Equalization: 44-010045
Referral Date: 06-30-89
Action Date: Not reported
Created Date: 06-30-89
Owner Tank Id: Not reported
SWRCB Tank Id: 19-000-013092-000002
Tank Status: A
Capacity: Not reported
Active Date: 06-30-89
Tank Use: UNKNOWN
STG: W
Content: Not reported
Number Of Tanks: Not reported

Status: Active
Comp Number: 13092
Number: 9
Board Of Equalization: 44-010045
Referral Date: 06-30-89
Action Date: Not reported
Created Date: 06-30-89
Owner Tank Id: Not reported
SWRCB Tank Id: 19-000-013092-000003
Tank Status: A
Capacity: Not reported
Active Date: 06-30-89
Tank Use: UNKNOWN
STG: W
Content: Not reported
Number Of Tanks: Not reported

Status: Active
Comp Number: 13092
Number: 9
Board Of Equalization: 44-010045
Referral Date: 06-30-89
Action Date: Not reported
Created Date: 06-30-89
Owner Tank Id: Not reported
SWRCB Tank Id: 19-000-013092-000004
Tank Status: A

KEVORK TEXACO (Continued) **S100224390**

Capacity: Not reported
Active Date: 06-30-89
Tank Use: UNKNOWN
STG: W
Content: Not reported
Number Of Tanks: Not reported

LOS ANGELES CO. HMS:
Region: LA
Permit Category: T
Facility Id: 008473-013092
Facility Type: 0
Facility Status: Closed
Area: 2N
Permit Number: 00004818T
Permit Status: Closed

Region: LA
Permit Category: I
Facility Id: 008473-I13092
Facility Type: 01
Facility Status: Closed
Area: 2N
Permit Number: 000010284
Permit Status: Closed

J45 **HAGOP KIZIRIAN** **CA HIST UST** **U001563002**
ESE **307 N SEPULVEDA BLVD** **N/A**
1/8-1/4 **EL SEGUNDO, CA 90245**
0.183 mi.
964 ft. **Site 3 of 7 in cluster J**

Relative:
Lower

Actual:
106 ft.

HIST UST:
File Number: 00027E04
URL: http://geotracker.waterboards.ca.gov/ustpdfs/pdf/00027E04.pdf
Region: STATE
Facility ID: 00000040022
Facility Type: Gas Station
Other Type: Not reported
Contact Name: SAME
Telephone: 2136150672
Owner Name: MOBIL OIL CORP
Owner Address: 612 S. FLOWER ST
Owner City,St,Zip: LOS ANGELES, CA 90017
Total Tanks: 0004

Tank Num: 001
Container Num: 1
Year Installed: Not reported
Tank Capacity: 00000280
Tank Used for: WASTE
Type of Fuel: WASTE OIL
Container Construction Thickness: Not reported
Leak Detection: Stock Inventor

Tank Num: 002
Container Num: 2

HAGOP KIZIRIAN (Continued) **U001563002**

Year Installed:	1962
Tank Capacity:	00008000
Tank Used for:	PRODUCT
Type of Fuel:	PREMIUM
Container Construction Thickness:	Not reported
Leak Detection:	Stock Inventor
Tank Num:	003
Container Num:	3
Year Installed:	1962
Tank Capacity:	00006000
Tank Used for:	PRODUCT
Type of Fuel:	REGULAR
Container Construction Thickness:	Not reported
Leak Detection:	Stock Inventor
Tank Num:	004
Container Num:	4
Year Installed:	1962
Tank Capacity:	00006000
Tank Used for:	PRODUCT
Type of Fuel:	UNLEADED
Container Construction Thickness:	Not reported
Leak Detection:	Stock Inventor

Click here for Geo Tracker PDF:

I46 **MECHMETALS CORPORATION** **RCRA-SQG** **1000242747**
WSW **230 NEVADA ST** **FINDS** **CAD981656127**
1/8-1/4 **EL SEGUNDO, CA 90245** **CA LOS ANGELES CO. HMS**
0.189 mi. **ECHO**
998 ft. **Site 2 of 2 in cluster I**

Relative:
Lower

Actual:
118 ft.

RCRA-SQG:

Date form received by agency:	09/10/1986
Facility name:	MECHMETALS CORPORATION
Facility address:	230 NEVADA ST EL SEGUNDO, CA 90245
EPA ID:	CAD981656127
Mailing address:	NEVADA ST EL SEGUNDO, CA 90245
Contact:	ENVIRONMENTAL MANAGER
Contact address:	230 NEVADA ST EL SEGUNDO, CA 90245
Contact country:	US
Contact telephone:	(213) 322-4432
Contact email:	Not reported
EPA Region:	09
Classification:	Small Small Quantity Generator
Description:	Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

Owner/operator name:	CORPORATION

MECHMETALS CORPORATION (Continued) **1000242747**

Owner/operator address: NOT REQUIRED
NOT REQUIRED, ME 99999
Owner/operator country: Not reported
Owner/operator telephone: (415) 555-1212
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: NOT REQUIRED
Owner/operator address: NOT REQUIRED
NOT REQUIRED, ME 99999
Owner/operator country: Not reported
Owner/operator telephone: (415) 555-1212
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Violation Status: No violations found

FINDS:

Registry ID: 110002739626

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

LOS ANGELES CO. HMS:
Region: LA
Permit Category: I
Facility Id: 008133-I08649
Facility Type: 01
Facility Status: Closed

MECHMETALS CORPORATION (Continued) **1000242747**

Area: 2N
Permit Number: 000010197
Permit Status: Closed

ECHO:
Envid: 1000242747
Registry ID: 110002739626
DFR URL: http://echo.epa.gov/detailed_facility_report?fid=110002739626

J47 **LAX BUSINESS CENTER** **CA HIST UST** **S118412247**
East **300 360 AND 390 N SEPULVEDA BL** **N/A**
1/8-1/4 **EL SEGUNDO, CA 90245**
0.192 mi.
1014 ft. **Site 4 of 7 in cluster J**

Relative:
Higher

Actual:
122 ft.

HIST UST:
File Number: 00026699
URL: http://geotracker.waterboards.ca.gov/ustpdfs/pdf/00026699.pdf
Region: Not reported
Facility ID: Not reported
Facility Type: Not reported
Other Type: Not reported
Contact Name: Not reported
Telephone: Not reported
Owner Name: Not reported
Owner Address: Not reported
Owner City,St,Zip: Not reported
Total Tanks: Not reported

Tank Num: Not reported
Container Num: Not reported
Year Installed: Not reported
Tank Capacity: Not reported
Tank Used for: Not reported
Type of Fuel: Not reported
Container Construction Thickness: Not reported
Leak Detection: Not reported

Click here for Geo Tracker PDF:

J48 **HUGHES AIRCRAFT CO EDSG** **RCRA-SQG** **1000241001**
East **360 N. SEPULVEDA BLVD** **FINDS** **CAD981397961**
1/8-1/4 **EL SEGUNDO, CA 90245** **ECHO**
0.193 mi.
1019 ft. **Site 5 of 7 in cluster J**

Relative:
Higher

Actual:
123 ft.

RCRA-SQG:
Date form received by agency: 04/22/1986
Facility name: HUGHES AIRCRAFT CO EDSG
Facility address: 360 N. SEPULVEDA BLVD
EL SEGUNDO, CA 90245
EPA ID: CAD981397961
Mailing address: 360 N SEPULVEDA BLVD
EL SEGUNDO, CA 90245
Contact: ENVIRONMENTAL MANAGER
Contact address: 360 N. SEPULVEDA BLVD

HUGHES AIRCRAFT CO EDSG (Continued) **1000241001**

EL SEGUNDO, CA 90245
Contact country: US
Contact telephone: (213) 616-5871
Contact email: Not reported
EPA Region: 09
Classification: Small Small Quantity Generator
Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:
Owner/operator name: LAX BUSINESS CENTER
Owner/operator address: NOT REQUIRED
NOT REQUIRED, ME 99999
Owner/operator country: Not reported
Owner/operator telephone: (415) 555-1212
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: NOT REQUIRED
Owner/operator address: NOT REQUIRED
NOT REQUIRED, ME 99999
Owner/operator country: Not reported
Owner/operator telephone: (415) 555-1212
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Violation Status: No violations found

FINDS:

Registry ID: 110002693559

Environmental Interest/Information System

HUGHES AIRCRAFT CO EDSG (Continued) **1000241001**

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

ECHO:

Envid:	1000241001
Registry ID:	110002693559
DFR URL:	http://echo.epa.gov/detailed_facility_report?fid=110002693559

J49 **LAX BUSINESS CENTER** **CA SWEEPS UST** **S104872489**
East **360 N SEPULVEDA BLVD** **CA LOS ANGELES CO. HMS** **N/A**
1/8-1/4 **EL SEGUNDO, CA 90245**
0.193 mi.
1019 ft. **Site 6 of 7 in cluster J**

Relative:
Higher

Actual:
123 ft.

SWEEPS UST:

Status:	Active
Comp Number:	12164
Number:	9
Board Of Equalization:	Not reported
Referral Date:	06-30-89
Action Date:	Not reported
Created Date:	06-30-89
Owner Tank Id:	Not reported
SWRCB Tank Id:	Not reported
Tank Status:	Not reported
Capacity:	Not reported
Active Date:	Not reported
Tank Use:	Not reported
STG:	Not reported
Content:	Not reported
Number Of Tanks:	Not reported

LOS ANGELES CO. HMS:

Region:	LA
Permit Category:	T
Facility Id:	012063-012164
Facility Type:	0
Facility Status:	Closed
Area:	2N
Permit Number:	00003788T
Permit Status:	Closed

J50 **TRW INC** **RCRA NonGen / NLR** **1000119266**
East **300 N SEPULVEDA BLVD** **FINDS** **CAD981652803**
1/8-1/4 **EL SEGUNDO, CA 90245** **ECHO**
0.196 mi.
1035 ft. **Site 7 of 7 in cluster J**

Relative:
Lower

Actual:
117 ft.

RCRA NonGen / NLR:

Date form received by agency:	09/11/1986
Facility name:	TRW INC
Facility address:	300 N SEPULVEDA BLVD EL SEGUNDO, CA 90245
EPA ID:	CAD981652803
Mailing address:	ONE SPACE PARK FIRST HUNDRED F REDONDO BEACH, CA 90278
Contact:	ENVIRONMENTAL MANAGER
Contact address:	300 N SEPULVEDA BLVD EL SEGUNDO, CA 90245
Contact country:	US
Contact telephone:	(213) 535-1467
Contact email:	Not reported
EPA Region:	09
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name:	NOT REQUIRED
Owner/operator address:	NOT REQUIRED NOT REQUIRED, ME 99999
Owner/operator country:	Not reported
Owner/operator telephone:	(415) 555-1212
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Owner/operator name:	TRW INC
Owner/operator address:	NOT REQUIRED NOT REQUIRED, ME 99999
Owner/operator country:	Not reported
Owner/operator telephone:	(415) 555-1212
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No

TRW INC (Continued) **1000119266**

Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Violation Status: No violations found

FINDS:

Registry ID: 110002738306

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

ECHO:
Envid: 1000119266
Registry ID: 110002738306
DFR URL: http://echo.epa.gov/detailed_facility_report?fid=110002738306

K51 **AIRFIX INTL** **RCRA-SQG** **1000229549**
SW **141 OREGON ST** **FINDS** **CAD091423376**
1/8-1/4 **EL SEGUNDO, CA 90245** **ECHO**
0.200 mi.
1056 ft. **Site 1 of 3 in cluster K**

Relative:
Higher

Actual:
136 ft.

RCRA-SQG:
Date form received by agency: 09/01/1996
Facility name: AIRFIX INTL
Facility address: 141 OREGON ST
EL SEGUNDO, CA 90245
EPA ID: CAD091423376
Mailing address: OREGON ST
EL SEGUNDO, CA 90245
Contact: Not reported
Contact address: Not reported
Not reported
Contact country: US
Contact telephone: Not reported
Contact email: Not reported
EPA Region: 09
Classification: Small Small Quantity Generator
Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:
Owner/operator name: VERCELLI ENTERPRISES
Owner/operator address: NOT REQUIRED
NOT REQUIRED, ME 99999
Owner/operator country: Not reported

AIRFIX INTL (Continued) **1000229549**

Owner/operator telephone: (415) 555-1212
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: NOT REQUIRED
Owner/operator address: NOT REQUIRED
NOT REQUIRED, ME 99999
Owner/operator country: Not reported
Owner/operator telephone: (415) 555-1212
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Violation Status: No violations found

FINDS:

Registry ID: 110002663305

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

ECHO:
Envid: 1000229549
Registry ID: 110002663305
DFR URL: http://echo.epa.gov/detailed_facility_report?fid=110002663305

K52 **SOLID GOLD CO** **RCRA-SQG** **1000247581**
SW **129 OREGON ST** **FINDS** **CAD981629702**
1/8-1/4 **EL SEGUNDO, CA 90245** **ECHO**
0.215 mi.
1135 ft. **Site 2 of 3 in cluster K**

Relative:
Higher

Actual:
141 ft.

RCRA-SQG:

Date form received by agency:	12/08/1986
Facility name:	SOLID GOLD CO
Facility address:	129 OREGON ST EL SEGUNDO, CA 90245
EPA ID:	CAD981629702
Mailing address:	OREGON ST EL SEGUNDO, CA 90245
Contact:	ENVIRONMENTAL MANAGER
Contact address:	129 OREGON ST EL SEGUNDO, CA 90245
Contact country:	US
Contact telephone:	(213) 322-0010
Contact email:	Not reported
EPA Region:	09
Classification:	Small Small Quantity Generator
Description:	Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

Owner/operator name:	DICK WEISE
Owner/operator address:	NOT REQUIRED NOT REQUIRED, ME 99999
Owner/operator country:	Not reported
Owner/operator telephone:	(415) 555-1212
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Owner/operator name:	NOT REQUIRED
Owner/operator address:	NOT REQUIRED NOT REQUIRED, ME 99999
Owner/operator country:	Not reported
Owner/operator telephone:	(415) 555-1212
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No

SOLID GOLD CO (Continued) **1000247581**

Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Violation Status: No violations found

FINDS:

Registry ID: 110002730395

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

ECHO:
Envid: 1000247581
Registry ID: 110002730395
DFR URL: http://echo.epa.gov/detailed_facility_report?fid=110002730395

53
SW
1/8-1/4
0.218 mi.
1149 ft.

Relative:
Lower

Actual:
109 ft.

RADIANT SERVICES **CA ENVIROSTOR** **S108217730**
200 NEVADA STREET **CA VCP** **N/A**
EL SEGUNDO, CA 90245

ENVIROSTOR:
Facility ID: 19130119
Status: Inactive - Action Required
Status Date: 04/17/2006
Site Code: 301245
Site Type: Voluntary Cleanup
Site Type Detailed: Voluntary Cleanup
Acres: 0.4
NPL: NO
Regulatory Agencies: SMBRP
Lead Agency: SMBRP
Program Manager: Not reported
Supervisor: * Jennifer Jones
Division Branch: Cleanup Chatsworth
Assembly: 62
Senate: 26
Special Program: Voluntary Cleanup Program
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Responsible Party
Latitude: 33.91826
Longitude: -118.4034
APN: 4139-005-043, 4139005043
Past Use: DRY CLEANING

RADIANT SERVICES (Continued) **S108217730**

Potential COC: Tetrachloroethylene (PCE Trichloroethylene (TCE
Confirmed COC: Tetrachloroethylene (PCE Trichloroethylene (TCE
Potential Description: SOIL, SV, IA
Alias Name: 4139-005-043
Alias Type: APN
Alias Name: 4139005043
Alias Type: APN
Alias Name: 110033612749
Alias Type: EPA (FRS #)
Alias Name: 301245
Alias Type: Project Code (Site Code)
Alias Name: 19130119
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Voluntary Cleanup Agreement
Completed Date: 10/08/2004
Comments: The VCA was signed for determining if previous removal activities were adequate.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Workplan
Completed Date: 01/20/2005
Comments: DTSC approved WP for soil gas sampling to delineate VOC contamination.
Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

VCP:
Facility ID: 19130119
Site Type: Voluntary Cleanup
Site Type Detail: Voluntary Cleanup
Site Mgmt. Req.: NONE SPECIFIED
Acres: 0.4
National Priorities List: NO
Cleanup Oversight Agencies: SMBRP
Lead Agency: SMBRP
Lead Agency Description: DTSC - Site Cleanup Program
Project Manager: Not reported
Supervisor: * Jennifer Jones
Division Branch: Cleanup Chatsworth
Site Code: 301245
Assembly: 62
Senate: 26
Special Programs Code: Voluntary Cleanup Program
Status: Inactive - Action Required

RADIANT SERVICES (Continued) **S108217730**

Status Date:	04/17/2006
Restricted Use:	NO
Funding:	Responsible Party
Lat/Long:	33.91826 / -118.4034
APN:	4139-005-043, 4139005043
Past Use:	DRY CLEANING
Potential COC:	30022, 30027
Confirmed COC:	30022,30027
Potential Description:	SOIL, SV, IA
Alias Name:	4139-005-043
Alias Type:	APN
Alias Name:	4139005043
Alias Type:	APN
Alias Name:	110033612749
Alias Type:	EPA (FRS #)
Alias Name:	301245
Alias Type:	Project Code (Site Code)
Alias Name:	19130119
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Voluntary Cleanup Agreement
Completed Date:	10/08/2004
Comments:	The VCA was signed for determining if previous removal activities were adequate.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Site Characterization Workplan
Completed Date:	01/20/2005
Comments:	DTSC approved WP for soil gas sampling to delineate VOC contamination. Not reported
Future Area Name:	Not reported
Future Sub Area Name:	Not reported
Future Document Type:	Not reported
Future Due Date:	Not reported
Schedule Area Name:	Not reported
Schedule Sub Area Name:	Not reported
Schedule Document Type:	Not reported
Schedule Due Date:	Not reported
Schedule Revised Date:	Not reported

L54 **HUGHES AIRCRAFT CO SCG** **RCRA-SQG 1000241026**
ESE **200 N SEPULVEDA BLVD** **FINDS CAD982500373**
1/8-1/4 **EL SEGUNDO, CA 90245** **ECHO**
0.224 mi.
1183 ft. **Site 1 of 6 in cluster L**

Relative:
Lower

Actual:
105 ft.

RCRA-SQG:

Date form received by agency:	03/06/1990
Facility name:	HUGHES AIRCRAFT CO SCG
Facility address:	200 N SEPULVEDA BLVD EL SEGUNDO, CA 90245
EPA ID:	CAD982500373
Mailing address:	P O BOX 92919 S40 T360

HUGHES AIRCRAFT CO SCG (Continued) **1000241026**

LOS ANGELES, CA 90009
Contact: ENVIRONMENTAL MANAGER
Contact address: 200 N SEPULVEDA BLVD
EL SEGUNDO, CA 90245
Contact country: US
Contact telephone: (213) 647-8378
Contact email: Not reported
EPA Region: 09
Classification: Small Small Quantity Generator
Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:
Owner/operator name: PRUDENTIAL LIFE INSUR
Owner/operator address: NOT REQUIRED
NOT REQUIRED, ME 99999
Owner/operator country: Not reported
Owner/operator telephone: (415) 555-1212
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: NOT REQUIRED
Owner/operator address: NOT REQUIRED
NOT REQUIRED, ME 99999
Owner/operator country: Not reported
Owner/operator telephone: (415) 555-1212
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Violation Status: No violations found

FINDS:

HUGHES AIRCRAFT CO SCG (Continued) **1000241026**

Registry ID: 110002833596

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

ECHO:
Envid: 1000241026
Registry ID: 110002833596
DFR URL: http://echo.epa.gov/detailed_facility_report?fid=110002833596

L55 **PACIFIC CORPORATE TOWERS** **CA AST** **A100324589**
ESE **100-222 N. SEPULVEDA BLVD.** **N/A**
1/8-1/4 **EL SEGUNDO, CA 90245**
0.224 mi.
1183 ft. **Site 2 of 6 in cluster L**

Relative:
Lower

Actual:
105 ft.

AST:
Certified Unified Program Agencies: El Segundo
Owner: PACIFIC CORPORATE TOWERS
Total Gallons: 1,800

L56 **PACIFIC CORPORATE TOWERS** **CA UST** **U003949009**
ESE **222 N. SEPULVEDA BL.** **N/A**
1/8-1/4 **EL SEGUNDO, CA 90245**
0.224 mi.
1183 ft. **Site 3 of 6 in cluster L**

Relative:
Lower

Actual:
105 ft.

UST:
Facility ID: 300212
Permitting Agency: EL SEGUNDO, CITY OF
Latitude: 33.9203861
Longitude: -118.3937989

EL SEGUNDO UST:
Facility Type: Facilities are Active (Inactive Date is blank)
Type of Action: Permanent Facility Closure
CERT Number: 03435
Permit Number: 30-0211

Tank Number: 000001
Tank Status: UST Removal
Tank Content: Petroleum blend fuel
Other Contents: Not reported
Active: Motort vehicle fueling
Date Inspected: 12/31/2005

Tank Number: 000001
Tank Status: UST Removal

PACIFIC CORPORATE TOWERS (Continued) **U003949009**

Tank Content: Petroleum blend fuel
Other Contents: Not reported
Active: Motort vehicle fueling
Date Inspected: 07/14/2008

L57 **PACIFIC BUILDING MGMT** **CA SWEEPS UST** **S100864326**
ESE **200 N SEPULVEDA BLVD** **N/A**
1/8-1/4 **EL SEGUNDO, CA**
0.224 mi.
1183 ft. **Site 4 of 6 in cluster L**

Relative:
Lower

Actual:
105 ft.

SWEEPS UST:
Status: Active
Comp Number: 13278
Number: 9
Board Of Equalization: 44-010119
Referral Date: 06-30-89
Action Date: Not reported
Created Date: 06-30-89
Owner Tank Id: Not reported
SWRCB Tank Id: 19-000-013278-000001
Tank Status: A
Capacity: Not reported
Active Date: 06-30-89
Tank Use: UNKNOWN
STG: W
Content: Not reported
Number Of Tanks: 1

L58 **PACIFIC CORPORATE TOWERS** **CA UST** **U003758315**
ESE **100 N. SEPULVEDA BL.** **N/A**
1/8-1/4 **EL SEGUNDO, CA 90245**
0.224 mi.
1183 ft. **Site 5 of 6 in cluster L**

Relative:
Lower

Actual:
105 ft.

UST:
Facility ID: 300211
Permitting Agency: EL SEGUNDO, CITY OF
Latitude: 33.9182168
Longitude: -118.3935885

L59 **ING** **CA AST** **A100324047**
ESE **200 N SEPULVEDA BLVD.** **N/A**
1/8-1/4 **EL SEGUNDO, CA 90245**
0.224 mi.
1183 ft. **Site 6 of 6 in cluster L**

Relative:
Lower

Actual:
105 ft.

AST:
Certified Unified Program Agencies: El Segundo
Owner: ING
Total Gallons: 3,000

60
SSE
1/8-1/4
0.225 mi.
1187 ft.

DOD - LAAFB BLDG 241
EL SEGUNDO BLVD
EL SEGUNDO, CA 0

CA SLIC **S105640109**
CA CHMIRS **N/A**
CA WDS

Relative:
Lower

Actual:
96 ft.

SLIC:

Region:	STATE
Facility Status:	**Completed - Case Closed**
Status Date:	08/30/2002
Global Id:	SL599992902
Lead Agency:	LOS ANGELES RWQCB (REGION 4)
Lead Agency Case Number:	Not reported
Latitude:	33.9164
Longitude:	-118.377551
Case Type:	Cleanup Program Site
Case Worker:	Not reported
Local Agency:	Not reported
RB Case Number:	0038B
File Location:	Not reported
Potential Media Affected:	Not reported
Potential Contaminants of Concern:	Not reported
Site History:	Not reported

Click here to access the California GeoTracker records for this facility:

CHMIRS:

OES Incident Number:	08658
OES notification:	Not reported
OES Date:	6/13/1995
OES Time:	07:39:15 PM
Date Completed:	**Not reported**
Property Use:	Not reported
Agency Id Number:	Not reported
Agency Incident Number:	Not reported
Time Notified:	Not reported
Time Completed:	Not reported
Surrounding Area:	Not reported
Estimated Temperature:	Not reported
Property Management:	Not reported
More Than Two Substances Involved?:	Not reported
Resp Agncy Personel # Of Decontaminated:	Not reported
Responding Agency Personel # Of Injuries:	Not reported
Responding Agency Personel # Of Fatalities:	Not reported
Others Number Of Decontaminated:	Not reported
Others Number Of Injuries:	Not reported
Others Number Of Fatalities:	Not reported
Vehicle Make/year:	Not reported
Vehicle License Number:	Not reported
Vehicle State:	Not reported
Vehicle Id Number:	Not reported
CA DOT PUC/ICC Number:	Not reported
Company Name:	Not reported
Reporting Officer Name/ID:	Not reported
Report Date:	Not reported
Facility Telephone:	Not reported
Waterway Involved:	YES
Waterway:	Not reported
Spill Site:	Not reported

DOD - LAAFB BLDG 241 (Continued) **S105640109**

Cleanup By:	NONE REQUIRED
Containment:	Not reported
What Happened:	Not reported
Type:	OTHER
Measure:	Not reported
Other:	Not reported
Date/Time:	Not reported
Year:	1995
Agency:	WEST BASIN WATER RECLAMATION DIST
Incident Date:	1815 6/13/95
Admin Agency:	Not reported
Amount:	500 GAL
Contained:	NO
Site Type:	RD
E Date:	Not reported
Substance:	RECLAIMED WATER
Unknown:	Not reported
Substance #2:	Not reported
Substance #3:	Not reported
Evacuations:	NO
Number of Injuries:	NO
Number of Fatalities:	NO
#1 Pipeline:	Not reported
#2 Pipeline:	Not reported
#3 Pipeline:	Not reported
#1 Vessel >= 300 Tons:	Not reported
#2 Vessel >= 300 Tons:	Not reported
#3 Vessel >= 300 Tons:	Not reported
Evacs:	Not reported
Injuries:	Not reported
Fatals:	Not reported
Comments:	Not reported
Description:	SUMP OVERFLOWED

WDS:

Facility ID:	Los Angeles River 196000415
Facility Type:	Other - Does not fall into the category of Municipal/Domestic, Industrial, Agricultural or Solid Waste (Class I, II or III)
Facility Status:	Active - Any facility with a continuous or seasonal discharge that is under Waste Discharge Requirements.
NPDES Number:	CAG994005 The 1st 2 characters designate the state. The remaining 7 are assigned by the Regional Board
Subregion:	4
Facility Telephone:	6264586303
Facility Contact:	Ed Gerlits
Agency Name:	LA CO DEPT OF PUBLIC WORKS
Agency Address:	Not reported
Agency City,St,Zip:	0
Agency Contact:	Not reported
Agency Telephone:	Not reported
Agency Type:	County
SIC Code:	9999
SIC Code 2:	Not reported
Primary Waste Type:	Designated/Influent or Solid Wastes that pose a significant threat to water quality because of their high concentrations (E.G., BOD, Hardness, TRF, Chloride). 'Manageable' hazardous wastes (E.G., inorganic salts and heavy metals) are included in this category.

DOD - LAAFB BLDG 241 (Continued) **S105640109**

Primary Waste:	MISCEL
Waste Type2:	Not reported
Waste2:	Miscellaneous (Includes wastes from dewatering, recreational lake overflow, swimming pool wastes, water ride wastewater, ground water seepage and other wastes of this type)
Primary Waste Type:	Designated/Influent or Solid Wastes that pose a significant threat to water quality because of their high concentrations (E.G., BOD, Hardness, TRF, Chloride). 'Manageable' hazardous wastes (E.G., inorganic salts and heavy metals) are included in this category.
Secondary Waste:	Not reported
Secondary Waste Type:	Not reported
Design Flow:	0
Baseline Flow:	0
Reclamation:	No reclamation requirements associated with this facility.
POTW:	The facility is not a POTW.
Treat To Water:	0
Complexity:	Not reported

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61 **HUGHES AIRCRAFT CO. RADAR SYS.** **RCRA-SQG** **1000241005**
SSE **101 NORTH SEPULVEDA R35** **FINDS** **CAD981407513**
1/8-1/4 **EL SEGUNDO, CA 90245** **ECHO**
0.227 mi.
1200 ft.

Relative:
Lower

Actual:
101 ft.

RCRA-SQG:

Date form received by agency:	09/01/1996
Facility name:	HUGHES AIRCRAFT CO. RADAR SYS.
Facility address:	101 NORTH SEPULVEDA R35 EL SEGUNDO, CA 90245
EPA ID:	CAD981407513
Mailing address:	P O BOX 92426 R21 106B LOS ANGELES, CA 90009
Contact:	Not reported
Contact address:	Not reported Not reported
Contact country:	US
Contact telephone:	Not reported
Contact email:	Not reported
EPA Region:	09
Classification:	Small Small Quantity Generator
Description:	Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

Owner/operator name:	HUGHES AIRCRAFT CO.
Owner/operator address:	NOT REQUIRED NOT REQUIRED, ME 99999
Owner/operator country:	Not reported
Owner/operator telephone:	(415) 555-1212
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

HUGHES AIRCRAFT CO. RADAR SYS. (Continued) **1000241005**

Owner/operator name: NOT REQUIRED
Owner/operator address: NOT REQUIRED
NOT REQUIRED, ME 99999
Owner/operator country: Not reported
Owner/operator telephone: (415) 555-1212
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 05/08/1986
Site name: HUGHES AIRCRAFT CO. RADAR SYS.
Classification: Large Quantity Generator

Violation Status: No violations found

FINDS:

Registry ID: 110002697323

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

ECHO:
Envid: 1000241005
Registry ID: 110002697323
DFR URL: http://echo.epa.gov/detailed_facility_report?fid=110002697323

M62
SSW
1/8-1/4
0.241 mi.
1271 ft.

VENICE T SHIRTS AND MEDICAL CORP
1325 E EL SEGUNDO BLVD
EL SEGUNDO, CA 90245

Site 1 of 2 in cluster M

RCRA-SQG
FINDS
ECHO

1000324010
CAD982028078

Relative:
Higher

Actual:
138 ft.

RCRA-SQG:

Date form received by agency:	12/15/1992
Facility name:	VENICE T SHIRTS AND MEDICAL CORP
Facility address:	1325 E EL SEGUNDO BLVD EL SEGUNDO, CA 90245
EPA ID:	CAD982028078
Contact:	STAN ZWERLING
Contact address:	1325 E EL SEGUNDO BLVD EL SEGUNDO, CA 90245
Contact country:	US
Contact telephone:	(213) 322-7900
Contact email:	Not reported
EPA Region:	09
Classification:	Small Small Quantity Generator
Description:	Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

Owner/operator name:	VENICE T SHIRT INC
Owner/operator address:	1325 E EL SEGUNDO EL SEGUNDO, CA 90245
Owner/operator country:	Not reported
Owner/operator telephone:	(310) 322-7900
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Owner/operator name:	STAN ZWERLING
Owner/operator address:	1325 E EL SEGUNDO BLVD EL SEGUNDO, CA 90245
Owner/operator country:	Not reported
Owner/operator telephone:	(213) 322-7900
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Owner/operator name:	NOT REQUIRED
Owner/operator address:	NOT REQUIRED NOT REQUIRED, ME 99999
Owner/operator country:	Not reported
Owner/operator telephone:	(415) 555-1212
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Handler Activities Summary:

VENICE T SHIRTS AND MEDICAL CORP (Continued) **1000324010**

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No
Used oil Specification marketer:	No
Used oil transfer facility:	No
Used oil transporter:	No

Violation Status: No violations found

FINDS:

Registry ID: 110002781589

Environmental Interest/Information System

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

ECHO:

Envid:	1000324010
Registry ID:	110002781589
DFR URL:	http://echo.epa.gov/detailed_facility_report?fid=110002781589

K63 **JIM & JACK INC** **RCRA-SQG** **1000594555**
SW **124 NEVADA ST** **FINDS** **CAD983583964**
1/8-1/4 **EL SEGUNDO, CA 90245** **CA HAZNET**
0.241 mi. **ECHO**
1271 ft. **Site 3 of 3 in cluster K**

Relative:
Higher

Actual:
129 ft.

RCRA-SQG:

Date form received by agency:	06/10/1991
Facility name:	JIM AND JACKS AUTO BODY SHOP
Facility address:	124 NEVADA STREET EL SEGUNDO, CA 90245
EPA ID:	CAD983583964
Mailing address:	1605 EAST GRAND AVE EL SEGUNDO, CA 90245
Contact:	JACK AVEDIKIAN
Contact address:	124 NEVADA STREET EL SEGUNDO, CA 90245
Contact country:	US
Contact telephone:	(213) 322-5733
Contact email:	Not reported
EPA Region:	09
Classification:	Small Small Quantity Generator

JIM & JACK INC (Continued) **1000594555**

Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

Owner/operator name:	NOT REQUIRED
Owner/operator address:	NOT REQUIRED NOT REQUIRED, ME 99999
Owner/operator country:	Not reported
Owner/operator telephone:	(415) 555-1212
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Owner/operator name:	JACK AND JIM KIZIRIAN
Owner/operator address:	NOT REQUIRED NOT REQUIRED, ME 99999
Owner/operator country:	Not reported
Owner/operator telephone:	(415) 555-1212
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No
Used oil Specification marketer:	No
Used oil transfer facility:	No
Used oil transporter:	No

Violation Status: No violations found

FINDS:

Registry ID: 110002422995

Environmental Interest/Information System
AIR EMISSIONS CLASSIFICATION UNKNOWN

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA

JIM & JACK INC (Continued) **1000594555**

program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

HAZNET:

envid:	1000594555
Year:	2000
GEPAID:	CAD983583964
Contact:	JACK AVEDIKIAN, MANAGER
Telephone:	3103225733
Mailing Name:	Not reported
Mailing Address:	1605 E GRAND AVE
Mailing City,St,Zip:	EL SEGUNDO, CA 902454327
Gen County:	Not reported
TSD EPA ID:	CAD008252405
TSD County:	Not reported
Waste Category:	Unspecified solvent mixture
Disposal Method:	Recycler
Tons:	0.2
Cat Decode:	Unspecified solvent mixture
Method Decode:	Recycler
Facility County:	Los Angeles

envid:	1000594555
Year:	1997
GEPAID:	CAD983583964
Contact:	JAMES KIZIRIAN
Telephone:	3103225733
Mailing Name:	Not reported
Mailing Address:	1605 E GRAND AVE
Mailing City,St,Zip:	EL SEGUNDO, CA 902454327
Gen County:	Not reported
TSD EPA ID:	CAD008252405
TSD County:	Not reported
Waste Category:	Unspecified solvent mixture
Disposal Method:	Recycler
Tons:	.4170
Cat Decode:	Unspecified solvent mixture
Method Decode:	Recycler
Facility County:	Los Angeles

envid:	1000594555
Year:	1996
GEPAID:	CAD983583964
Contact:	JAMES KIZIRIAN
Telephone:	3103225733
Mailing Name:	Not reported
Mailing Address:	1605 E GRAND AVE
Mailing City,St,Zip:	EL SEGUNDO, CA 902454327
Gen County:	Not reported
TSD EPA ID:	CAD050806858
TSD County:	Not reported
Waste Category:	Paint sludge
Disposal Method:	Not reported
Tons:	.3252
Cat Decode:	Paint sludge
Method Decode:	Not reported

JIM & JACK INC (Continued) **1000594555**

Facility County: Los Angeles

envid: 1000594555
Year: 1996
GEPAID: CAD983583964
Contact: JAMES KIZIRIAN
Telephone: 3103225733
Mailing Name: Not reported
Mailing Address: 1605 E GRAND AVE
Mailing City,St,Zip: EL SEGUNDO, CA 902454327
Gen County: Not reported
TSD EPA ID: CAD050806850
TSD County: Not reported
Waste Category: Paint sludge
Disposal Method: Recycler
Tons: .3252
Cat Decode: Paint sludge
Method Decode: Recycler
Facility County: Los Angeles

envid: 1000594555
Year: 1996
GEPAID: CAD983583964
Contact: JAMES KIZIRIAN
Telephone: 3103225733
Mailing Name: Not reported
Mailing Address: 1605 E GRAND AVE
Mailing City,St,Zip: EL SEGUNDO, CA 902454327
Gen County: Not reported
TSD EPA ID: CAD008302903
TSD County: Not reported
Waste Category: Paint sludge
Disposal Method: Recycler
Tons: .1417
Cat Decode: Paint sludge
Method Decode: Recycler
Facility County: Los Angeles

Click this hyperlink while viewing on your computer to access
3 additional CA_HAZNET: record(s) in the EDR Site Report.

ECHO:
Envid: 1000594555
Registry ID: 110002422995
DFR URL: http://echo.epa.gov/detailed_facility_report?fid=110002422995

M64 **EYECATCHER SCREENPRINTING** **RCRA-SQG** **1000238983**
SSW **1301 E EL SEGUNDO BLVD** **FINDS** **CAD981387806**
1/8-1/4 **EL SEGUNDO, CA 90245** **ECHO**
0.248 mi.
1308 ft. **Site 2 of 2 in cluster M**

Relative:
Higher

Actual:
143 ft.

RCRA-SQG:
Date form received by agency: 12/28/1993
Facility name: EYECATCHER SCREENPRINTING
Facility address: 1301 E EL SEGUNDO BLVD
EL SEGUNDO, CA 90245

EYECATCHER SCREENPRINTING (Continued) **1000238983**

EPA ID: CAD981387806
Contact: TIMOTHY HUGHES
Contact address: 1301 E EL SEGUNDO BLVD
EL SEGUNDO, CA 90245
Contact country: US
Contact telephone: (310) 615-0173
Contact email: Not reported
EPA Region: 09
Classification: Small Small Quantity Generator
Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:
Owner/operator name: ROB MCKENNA
Owner/operator address: 1301 E EL SEGUNDO BLVD
EL SEGUNDO, CA 90245
Owner/operator country: Not reported
Owner/operator telephone: (310) 615-0173
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: NOT REQUIRED
Owner/operator address: NOT REQUIRED
NOT REQUIRED, ME 99999
Owner/operator country: Not reported
Owner/operator telephone: (415) 555-1212
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Violation Status: No violations found

FINDS:

EYECATCHER SCREENPRINTING (Continued) **1000238983**

Registry ID: 110002690115

Environmental Interest/Information System

California Hazardous Waste Tracking System - Datamart (HWTS-DATAMART) provides California with information on hazardous waste shipments for generators, transporters, and treatment, storage, and disposal facilities.

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

ECHO:

Envid:	1000238983
Registry ID:	110002690115
DFR URL:	http://echo.epa.gov/detailed_facility_report?fid=110002690115

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65 SW 1/4-1/2 0.262 mi. 1385 ft. **A & A WASTE & ROLLOFF SERVICES, INC.** **CA SWF/LF** **S112057290**
139 NEVADA STREET **N/A**
EL SEGUNDO, CA 90245

Relative: Higher

Actual: 135 ft.

LOS ANGELES CO. LF:

Site ID:	804
Alt. Address:	Not reported
Site Contact:	Not reported
Site Contact Phone:	(310) 414-1122
Site Email:	smetcalfe@tgconst.com
Site Website:	Not reported
Site Type:	Waste Hauler
Site SWIS Number:	S0601
Beginning Operation Date:	Not reported
Ending Operation Date:	Not reported
Local Enforcement Agency:	Not reported
Maximun Depth Fill(Ft):	Not reported
Permitted Capacity:	Not reported
Present Use:	Not reported
Remaining Capacity(Million):	Not reported
Status:	Closed
Waste Accepted:	Not reported
Hours of Operation:	Not reported
Disposal Area (Acre):	Not reported

Detail As Of 01/2014:

Operator Name:	A & A Waste Roll Off Service Inc.
Operator Address:	P O Box 306
Operator City/State/Zip:	El Segundo, CA 90245
Operator Contact:	Roberto Metcalfe
Operator Telephone:	(310) 414-1122
Operator Email:	smetcalfe@tgconst.com
Owner Name:	Unknown
Owner Address:	Not reported
Owner City/State/Zip:	Not reported

A & A WASTE & ROLLOFF SERVICES, INC. (Continued) **S112057290**

Owner Contact: Not reported
Owner Telephone: Not reported
Owner Email: Not reported

66
SE
1/4-1/2
0.291 mi.
1534 ft.

CHEVRON #9-7879
101 SEPULVEDA BLVD S
EL SEGUNDO, CA 90245

CA LUST **U003064093**
CA SWEEPS UST **N/A**
CA HIST CORTESE
CA LOS ANGELES CO. HMS

Relative:
Lower

Actual:
111 ft.

LUST:

Region:	STATE
Global Id:	T0603703512
Latitude:	33.9158106
Longitude:	-118.3961311
Case Type:	LUST Cleanup Site
Status:	Completed - Case Closed
Status Date:	08/26/1996
Lead Agency:	LOS ANGELES RWQCB (REGION 4)
Case Worker:	YR
Local Agency:	EL SEGUNDO, CITY OF
RB Case Number:	I-09890
LOC Case Number:	Not reported
File Location:	Not reported
Potential Media Affect:	Soil
Potential Contaminants of Concern:	Other Solvent or Non-Petroleum Hydrocarbon
Site History:	Not reported

Click here to access the California GeoTracker records for this facility:

Contact:

Global Id:	T0603703512
Contact Type:	Local Agency Caseworker
Contact Name:	STEVE TSUMURA
Organization Name:	EL SEGUNDO, CITY OF
Address:	314 MAIN STREET
City:	EL SEGUNDO
Email:	stsumura@elsegundo.org
Phone Number:	Not reported

Global Id:	T0603703512
Contact Type:	Regional Board Caseworker
Contact Name:	YUE RONG
Organization Name:	LOS ANGELES RWQCB (REGION 4)
Address:	320 W. 4TH ST., SUITE 200
City:	Los Angeles
Email:	yrong@waterboards.ca.gov
Phone Number:	Not reported

Status History:

Global Id:	T0603703512
Status:	Completed - Case Closed
Status Date:	08/26/1996

Global Id:	T0603703512
Status:	Open - Case Begin Date
Status Date:	06/22/1993

CHEVRON #9-7879 (Continued) **U003064093**

Global Id: T0603703512
Status: Open - Remediation
Status Date: 08/16/1995

Global Id: T0603703512
Status: Open - Site Assessment
Status Date: 06/22/1993

Regulatory Activities:
Global Id: T0603703512
Action Type: Other
Date: 06/22/1993
Action: Leak Discovery

Global Id: T0603703512
Action Type: Other
Date: 06/22/1993
Action: Leak Reported

LUST REG 4:
Region: 4
Regional Board: 04
County: Los Angeles
Facility Id: I-09890
Status: Case Closed
Substance: Hydrocarbons
Substance Quantity: Not reported
Local Case No: Not reported
Case Type: Soil
Abatement Method Used at the Site: Not reported
Global ID: T0603703512
W Global ID: Not reported
Staff: UNK
Local Agency: 19013
Cross Street: EL SEGUNDO BLVD
Enforcement Type: Not reported
Date Leak Discovered: 6/22/1993
Date Leak First Reported: 6/22/1993
Date Leak Record Entered: 7/22/1993
Date Confirmation Began: 6/22/1993
Date Leak Stopped: Not reported
Date Case Last Changed on Database: 1/29/1998
Date the Case was Closed: 8/26/1996
How Leak Discovered: Tank Closure
How Leak Stopped: Not reported
Cause of Leak: UNK
Leak Source: Tank
Operator: CHEVRON
Water System: Not reported
Well Name: Not reported
Approx. Dist To Production Well (ft): 6942.1216422851674645778665277
Source of Cleanup Funding: Tank
Preliminary Site Assessment Workplan Submitted: Not reported
Preliminary Site Assessment Began: Not reported
Pollution Characterization Began: Not reported

CHEVRON #9-7879 (Continued) **U003064093**

Remediation Plan Submitted: 8/16/1995
Remedial Action Underway: Not reported
Post Remedial Action Monitoring Began: Not reported
Enforcement Action Date: Not reported
Historical Max MTBE Date: Not reported
Hist Max MTBE Conc in Groundwater: Not reported
Hist Max MTBE Conc in Soil: 550
Significant Interim Remedial Action Taken: Not reported
GW Qualifier: Not reported
Soil Qualifier: Not reported
Organization: Not reported
Owner Contact: Not reported
Responsible Party: CHEVRON U.S.A.
RP Address: P.O. BOX 2833, LA HABRA, CA 90632-2833
Program: LUST
Lat/Long: 33.9158106 / -1
Local Agency Staff: SHT
Beneficial Use: Not reported
Priority: Not reported
Cleanup Fund Id: Not reported
Suspended: Not reported
Assigned Name: Not reported
Summary: PLAN TO IMPLEMENT IN 60 DAYS IF NO RESPONSE FROM RWB
03/28/96 REQURST FOR
SITE CLOSURE.

SWEEPS UST:
Status: Active
Comp Number: 9890
Number: 9
Board Of Equalization: 44-008621
Referral Date: 06-30-89
Action Date: Not reported
Created Date: 06-30-89
Owner Tank Id: Not reported
SWRCB Tank Id: 19-000-009890-000001
Tank Status: A
Capacity: Not reported
Active Date: 06-30-89
Tank Use: UNKNOWN
STG: W
Content: Not reported
Number Of Tanks: 8

Status: Active
Comp Number: 9890
Number: 9
Board Of Equalization: 44-008621
Referral Date: 06-30-89
Action Date: Not reported
Created Date: 06-30-89
Owner Tank Id: Not reported
SWRCB Tank Id: 19-000-009890-000002
Tank Status: A
Capacity: Not reported
Active Date: 06-30-89
Tank Use: UNKNOWN

CHEVRON #9-7879 (Continued) **U003064093**

STG: W
Content: Not reported
Number Of Tanks: Not reported

Status: Active
Comp Number: 9890
Number: 9
Board Of Equalization: 44-008621
Referral Date: 06-30-89
Action Date: Not reported
Created Date: 06-30-89
Owner Tank Id: Not reported
SWRCB Tank Id: 19-000-009890-000003
Tank Status: A
Capacity: Not reported
Active Date: 06-30-89
Tank Use: UNKNOWN
STG: W
Content: Not reported
Number Of Tanks: Not reported

Status: Active
Comp Number: 9890
Number: 9
Board Of Equalization: 44-008621
Referral Date: 06-30-89
Action Date: Not reported
Created Date: 06-30-89
Owner Tank Id: Not reported
SWRCB Tank Id: 19-000-009890-000004
Tank Status: A
Capacity: Not reported
Active Date: 06-30-89
Tank Use: UNKNOWN
STG: W
Content: Not reported
Number Of Tanks: Not reported

Status: Active
Comp Number: 9890
Number: 9
Board Of Equalization: 44-008621
Referral Date: 06-30-89
Action Date: Not reported
Created Date: 06-30-89
Owner Tank Id: Not reported
SWRCB Tank Id: 19-000-009890-000005
Tank Status: A
Capacity: Not reported
Active Date: 06-30-89
Tank Use: UNKNOWN
STG: W
Content: Not reported
Number Of Tanks: Not reported

Status: Active
Comp Number: 9890

CHEVRON #9-7879 (Continued) **U003064093**

Number: 9
Board Of Equalization: 44-008621
Referral Date: 06-30-89
Action Date: Not reported
Created Date: 06-30-89
Owner Tank Id: Not reported
SWRCB Tank Id: 19-000-009890-000006
Tank Status: A
Capacity: Not reported
Active Date: 06-30-89
Tank Use: UNKNOWN
STG: W
Content: Not reported
Number Of Tanks: Not reported

Status: Active
Comp Number: 9890
Number: 9
Board Of Equalization: 44-008621
Referral Date: 06-30-89
Action Date: Not reported
Created Date: 06-30-89
Owner Tank Id: Not reported
SWRCB Tank Id: 19-000-009890-000007
Tank Status: A
Capacity: Not reported
Active Date: 06-30-89
Tank Use: UNKNOWN
STG: W
Content: Not reported
Number Of Tanks: Not reported

Status: Active
Comp Number: 9890
Number: 9
Board Of Equalization: 44-008621
Referral Date: 06-30-89
Action Date: Not reported
Created Date: 06-30-89
Owner Tank Id: Not reported
SWRCB Tank Id: 19-000-009890-000008
Tank Status: A
Capacity: Not reported
Active Date: 06-30-89
Tank Use: UNKNOWN
STG: W
Content: Not reported
Number Of Tanks: Not reported

HIST CORTESE:
Region: CORTESE
Facility County Code: 19
Reg By: LTNKA
Reg Id: I-09890

LOS ANGELES CO. HMS:

CHEVRON #9-7879 (Continued) **U003064093**

Region: LA
Permit Category: I
Facility Id: 008432-I09890
Facility Type: 01
Facility Status: Removed
Area: 2N
Permit Number: 000010297
Permit Status: Removed

67
West
1/4-1/2
0.305 mi.
1612 ft.

CITY OF EL SEGUNDO
FRANKLIN AVE
EL SEGUNDO, CA 90245

CA LUST **S110654460**
N/A

Relative:
Higher

Actual:
137 ft.

LUST:

Region:	STATE
Global Id:	T0603701266
Latitude:	33.9213193
Longitude:	-118.4056754
Case Type:	LUST Cleanup Site
Status:	Completed - Case Closed
Status Date:	07/26/2006
Lead Agency:	EL SEGUNDO, CITY OF
Case Worker:	SHT
Local Agency:	EL SEGUNDO, CITY OF
RB Case Number:	902450052
LOC Case Number:	Not reported
File Location:	Not reported
Potential Media Affect:	Soil
Potential Contaminants of Concern:	* Solvents
Site History:	Not reported

Click here to access the California GeoTracker records for this facility:

Contact:

Global Id:	T0603701266
Contact Type:	Local Agency Caseworker
Contact Name:	STEVE TSUMURA
Organization Name:	EL SEGUNDO, CITY OF
Address:	314 MAIN STREET
City:	EL SEGUNDO
Email:	stsumura@elsegundo.org
Phone Number:	Not reported

Global Id:	T0603701266
Contact Type:	Regional Board Caseworker
Contact Name:	YUE RONG
Organization Name:	LOS ANGELES RWQCB (REGION 4)
Address:	320 W. 4TH ST., SUITE 200
City:	Los Angeles
Email:	yrong@waterboards.ca.gov
Phone Number:	Not reported

Status History:

Global Id:	T0603701266
Status:	Completed - Case Closed
Status Date:	07/26/2006

CITY OF EL SEGUNDO (Continued) **S110654460**

Global Id: T0603701266
Status: Open - Case Begin Date
Status Date: 01/23/1985

Global Id: T0603701266
Status: Open - Site Assessment
Status Date: 01/23/1985

Regulatory Activities:
Global Id: T0603701266
Action Type: Other
Date: 01/23/1985
Action: Leak Reported

68
NE
1/4-1/2
0.306 mi.
1614 ft.

UNOCAL #5866
603 SEPULVEDA BLVD N
EL SEGUNDO, CA 90245

CA LUST **S102440077**
CA HIST CORTESE **N/A**

Relative:
Higher

Actual:
128 ft.

LUST:
Region: STATE
Global Id: T0603703539
Latitude: 33.923772
Longitude: -118.3963763
Case Type: LUST Cleanup Site
Status: Completed - Case Closed
Status Date: 07/12/1996
Lead Agency: LOS ANGELES RWQCB (REGION 4)
Case Worker: YR
Local Agency: EL SEGUNDO, CITY OF
RB Case Number: I-09969
LOC Case Number: Not reported
File Location: Not reported
Potential Media Affect: Soil
Potential Contaminants of Concern: Gasoline
Site History: Not reported

Click here to access the California GeoTracker records for this facility:

Contact:
Global Id: T0603703539
Contact Type: Local Agency Caseworker
Contact Name: STEVE TSUMURA
Organization Name: EL SEGUNDO, CITY OF
Address: 314 MAIN STREET
City: EL SEGUNDO
Email: stsumura@elsegundo.org
Phone Number: Not reported

Global Id: T0603703539
Contact Type: Regional Board Caseworker
Contact Name: YUE RONG
Organization Name: LOS ANGELES RWQCB (REGION 4)
Address: 320 W. 4TH ST., SUITE 200
City: Los Angeles
Email: yrong@waterboards.ca.gov

UNOCAL #5866 (Continued) **S102440077**

Phone Number: Not reported

Status History:
Global Id: T0603703539
Status: Completed - Case Closed
Status Date: 07/12/1996

Global Id: T0603703539
Status: Open - Case Begin Date
Status Date: 11/27/1990

Global Id: T0603703539
Status: Open - Site Assessment
Status Date: 12/04/1990

Regulatory Activities:
Global Id: T0603703539
Action Type: Other
Date: 11/27/1990
Action: Leak Discovery

Global Id: T0603703539
Action Type: Other
Date: 12/04/1990
Action: Leak Reported

Global Id: T0603703539
Action Type: Other
Date: 11/27/1990
Action: Leak Stopped

LUST REG 4:
Region: 4
Regional Board: 04
County: Los Angeles
Facility Id: I-09969
Status: Case Closed
Substance: Gasoline
Substance Quantity: Not reported
Local Case No: Not reported
Case Type: Soil
Abatement Method Used at the Site: Not reported
Global ID: T0603703539
W Global ID: Not reported
Staff: UNK
Local Agency: 19013
Cross Street: MARIPOSA
Enforcement Type: Not reported
Date Leak Discovered: 11/27/1990
Date Leak First Reported: 12/4/1990
Date Leak Record Entered: 1/15/1991
Date Confirmation Began: Not reported
Date Leak Stopped: 11/27/1990
Date Case Last Changed on Database: 7/12/1996
Date the Case was Closed: 7/12/1996

UNOCAL #5866 (Continued) **S102440077**

How Leak Discovered: Tank Closure
How Leak Stopped: Not reported
Cause of Leak: UNK
Leak Source: UNK
Operator: MASDI, JOLIL
Water System: Not reported
Well Name: Not reported
Approx. Dist To Production Well (ft): 9366.077673363444925489930952
Source of Cleanup Funding: UNK
Preliminary Site Assessment Workplan Submitted: Not reported
Preliminary Site Assessment Began: 12/4/1990
Pollution Characterization Began: Not reported
Remediation Plan Submitted: Not reported
Remedial Action Underway: Not reported
Post Remedial Action Monitoring Began: Not reported
Enforcement Action Date: Not reported
Historical Max MTBE Date: Not reported
Hist Max MTBE Conc in Groundwater: Not reported
Hist Max MTBE Conc in Soil: Not reported
Significant Interim Remedial Action Taken: Not reported
GW Qualifier: Not reported
Soil Qualifier: Not reported
Organization: Not reported
Owner Contact: Not reported
Responsible Party: UNOCAL CORP
RP Address: 376 S VALENCIA AVE, BREA CA 92621
Program: LUST
Lat/Long: 33.9235634 / -1
Local Agency Staff: SHT
Beneficial Use: Not reported
Priority: Not reported
Cleanup Fund Id: Not reported
Suspended: Not reported
Assigned Name: Not reported
Summary: ROUTINE TANK REPLACEMENT. APP. 100 CU YARDS OF CONTAMINATED SOIL EXCAVATED TO BE TREATED OR HAULED. TANKS IN SOLID CONDITION.

HIST CORTESE:
Region: CORTESE
Facility County Code: 19
Reg By: LTNKA
Reg Id: I-09969

N69 **MATTEL INC** **RCRA-SQG** **1000819588**
East **1955 E GRAND AVE** **CA LUST** **CAD983655804**
1/4-1/2 **EL SEGUNDO, CA 90245** **FINDS**
0.356 mi. **CA EMI**
1882 ft. **Site 1 of 2 in cluster N** **CA HIST CORTESE**
ECHO

Relative:
Lower

Actual:
115 ft.

RCRA-SQG:
Date form received by agency: 04/01/1999
Facility name: MATTEL INC
Facility address: 1955 E GRAND AVE
EL SEGUNDO, CA 902455012
EPA ID: CAD983655804
Mailing address: 333 CONTINENTAL BLVD

MATTEL INC (Continued) **1000819588**

EL SEGUNDO, CA 90245
Contact: COZETTA MIGUELENA
Contact address: 333 CONTINENTAL BLVD
EL SEGUNDO, CA 90245
Contact country: US
Contact telephone: (310) 252-5524
Contact email: Not reported
EPA Region: 09
Classification: Small Small Quantity Generator
Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:
Owner/operator name: MATTEL INC
Owner/operator address: 333 CONTINENTAL BLVD
EL SEGUNDO, CA 90245
Owner/operator country: Not reported
Owner/operator telephone: (310) 252-5524
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: D002
. Waste name: CORROSIVE WASTE

. Waste code: D035
. Waste name: METHYL ETHYL KETONE

. Waste code: F003
. Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT

MATTEL INC (Continued) **1000819588**

MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F005
. Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Violation Status: No violations found

LUST:

Region:	STATE
Global Id:	T0603701269
Latitude:	33.920641
Longitude:	-118.39318
Case Type:	LUST Cleanup Site
Status:	Completed - Case Closed
Status Date:	02/02/1998
Lead Agency:	EL SEGUNDO, CITY OF
Case Worker:	SHT
Local Agency:	EL SEGUNDO, CITY OF
RB Case Number:	902450089
LOC Case Number:	Not reported
File Location:	Not reported
Potential Media Affect:	Soil
Potential Contaminants of Concern:	Aviation
Site History:	Not reported

Click here to access the California GeoTracker records for this facility:

Contact:

Global Id:	T0603701269
Contact Type:	Local Agency Caseworker
Contact Name:	STEVE TSUMURA
Organization Name:	EL SEGUNDO, CITY OF
Address:	314 MAIN STREET
City:	EL SEGUNDO
Email:	stsumura@elsegundo.org
Phone Number:	Not reported

Global Id:	T0603701269
Contact Type:	Regional Board Caseworker
Contact Name:	YUE RONG
Organization Name:	LOS ANGELES RWQCB (REGION 4)
Address:	320 W. 4TH ST., SUITE 200
City:	Los Angeles
Email:	yrong@waterboards.ca.gov
Phone Number:	Not reported

MATTEL INC (Continued) **1000819588**

Status History:
Global Id: T0603701269
Status: Completed - Case Closed
Status Date: 02/02/1998

Global Id: T0603701269
Status: Open - Case Begin Date
Status Date: 12/31/1997

Regulatory Activities:
Global Id: T0603701269
Action Type: Other
Date: 12/31/1997
Action: Leak Reported

FINDS:

Registry ID: 110002889875

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

EMI:
Year: 1987
County Code: 19
Air Basin: SC
Facility ID: 4042
Air District Name: SC
SIC Code: 6512
Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 1
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr: 0

Year: 1990
County Code: 19
Air Basin: SC
Facility ID: 4042
Air District Name: SC
SIC Code: 4512
Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Not reported

MATTEL INC (Continued) **1000819588**

Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	1
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Year:	2002
County Code:	19
Air Basin:	SC
Facility ID:	112174
Air District Name:	SC
SIC Code:	3944
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Year:	2003
County Code:	19
Air Basin:	SC
Facility ID:	112174
Air District Name:	SC
SIC Code:	3944
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Year:	2004
County Code:	19
Air Basin:	SC
Facility ID:	112174
Air District Name:	SC
SIC Code:	3944
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.02919
Reactive Organic Gases Tons/Yr:	0.01
Carbon Monoxide Emissions Tons/Yr:	0.1503
NOX - Oxides of Nitrogen Tons/Yr:	0.224
SOX - Oxides of Sulphur Tons/Yr:	0.001901

MATTEL INC (Continued) **1000819588**

Particulate Matter Tons/Yr: 0.01675
Part. Matter 10 Micrometers and Smllr Tons/Yr: 0.01

Year: 2006
County Code: 19
Air Basin: SC
Facility ID: 112174
Air District Name: SC
SIC Code: 4512
Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: .0094959801530193197
Reactive Organic Gases Tons/Yr: .005
Carbon Monoxide Emissions Tons/Yr: .058
NOX - Oxides of Nitrogen Tons/Yr: .088
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: .005
Part. Matter 10 Micrometers and Smllr Tons/Yr: .005

Year: 2007
County Code: 19
Air Basin: SC
Facility ID: 112174
Air District Name: SC
SIC Code: 4512
Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: .0094959801530193197
Reactive Organic Gases Tons/Yr: .005
Carbon Monoxide Emissions Tons/Yr: .058
NOX - Oxides of Nitrogen Tons/Yr: .088
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: .005
Part. Matter 10 Micrometers and Smllr Tons/Yr: .005

HIST CORTESE:
Region: CORTESE
Facility County Code: 19
Reg By: LTNKA
Reg Id: 902450089

ECHO:
Envid: 1000819588
Registry ID: 110002889875
DFR URL: http://echo.epa.gov/detailed_facility_report?fid=110002889875

N70 **GLOBAL SOLUTIONS** **CA LUST** **S103285662**
East **1955 GRAND AVE** **N/A**
1/4-1/2 **EL SEGUNDO, CA 90245**
0.356 mi.
1882 ft. **Site 2 of 2 in cluster N**

Relative:
Lower

Actual:
115 ft.

LUST REG 4:

Region:	4	
Regional Board:	04	
County:	Los Angeles	
Facility Id:	902450089	
Status:	Case Closed	
Substance:	1	
Substance Quantity:	Not reported	
Local Case No:	Not reported	
Case Type:	Soil	
Abatement Method Used at the Site:		Not reported
Global ID:	T0603701269	
W Global ID:	Not reported	
Staff:	UNK	
Local Agency:	19013	
Cross Street:	Not reported	
Enforcement Type:	Not reported	
Date Leak Discovered:	Not reported	
Date Leak First Reported:		12/31/1997
Date Leak Record Entered:	5/20/1998	
Date Confirmation Began:	Not reported	
Date Leak Stopped:	Not reported	
Date Case Last Changed on Database:		2/2/1998
Date the Case was Closed:		2/2/1998
How Leak Discovered:	Not reported	
How Leak Stopped:	Not reported	
Cause of Leak:	Not reported	
Leak Source:	Not reported	
Operator:	Not reported	
Water System:	Not reported	
Well Name:	Not reported	
Approx. Dist To Production Well (ft):		7732.533116976584544896281612
Source of Cleanup Funding:		Not reported
Preliminary Site Assessment Workplan Submitted:		Not reported
Preliminary Site Assessment Began:		Not reported
Pollution Characterization Began:		Not reported
Remediation Plan Submitted:		Not reported
Remedial Action Underway:		Not reported
Post Remedial Action Monitoring Began:		Not reported
Enforcement Action Date:		Not reported
Historical Max MTBE Date:		Not reported
Hist Max MTBE Conc in Groundwater:		Not reported
Hist Max MTBE Conc in Soil:		Not reported
Significant Interim Remedial Action Taken:		Not reported
GW Qualifier:	Not reported	
Soil Qualifier:	Not reported	
Organization:	Not reported	
Owner Contact:	Not reported	
Responsible Party:	GLOBAL SOLUTIONS	
RP Address:	2700 COMBELLACK DR, SIGNAL HILL, CA 90806	
Program:	LUST	
Lat/Long:	33.9195106 / -1	
Local Agency Staff:	SHT	

GLOBAL SOLUTIONS (Continued) **S103285662**

Beneficial Use: Not reported
Priority: Not reported
Cleanup Fund Id: Not reported
Suspended: Not reported
Assigned Name: Not reported
Summary: Not reported

O71 **HUGHES AIRCRAFT COMPANY** **CA LUST** **S104406645**
SE **2000 EL SEGUNDO BLVD E** **CA HIST CORTESE** **N/A**
1/4-1/2 **EL SEGUNDO, CA 90245**
0.387 mi.
2044 ft. **Site 1 of 2 in cluster O**

Relative:
Lower

Actual:
119 ft.

LUST:
Region: STATE
Global Id: T0603792958
Latitude: 33.9131995947745
Longitude: -118.388929367065
Case Type: LUST Cleanup Site
Status: Completed - Case Closed
Status Date: 07/22/1996
Lead Agency: LOS ANGELES RWQCB (REGION 4)
Case Worker: YR
Local Agency: EL SEGUNDO, CITY OF
RB Case Number: R-10917
LOC Case Number: Not reported
File Location: Not reported
Potential Media Affect: Soil
Potential Contaminants of Concern: * Solvents
Site History: Not reported

Click here to access the California GeoTracker records for this facility:

Contact:
Global Id: T0603792958
Contact Type: Local Agency Caseworker
Contact Name: STEVE TSUMURA
Organization Name: EL SEGUNDO, CITY OF
Address: 314 MAIN STREET
City: EL SEGUNDO
Email: stsumura@elsegundo.org
Phone Number: Not reported

Global Id: T0603792958
Contact Type: Regional Board Caseworker
Contact Name: YUE RONG
Organization Name: LOS ANGELES RWQCB (REGION 4)
Address: 320 W. 4TH ST., SUITE 200
City: Los Angeles
Email: yrong@waterboards.ca.gov
Phone Number: Not reported

Status History:
Global Id: T0603792958
Status: Completed - Case Closed
Status Date: 07/22/1996

Global Id: T0603792958

HUGHES AIRCRAFT COMPANY (Continued) **S104406645**

Status: Open - Case Begin Date
Status Date: 01/14/1986

Global Id: T0603792958
Status: Open - Remediation
Status Date: 05/04/1995

Global Id: T0603792958
Status: Open - Site Assessment
Status Date: 04/21/1988

Regulatory Activities:
Global Id: T0603792958
Action Type: Other
Date: 01/14/1986
Action: Leak Reported

LUST REG 4:
Region: 4
Regional Board: 04
County: Los Angeles
Facility Id: R-10917
Status: Case Closed
Substance: Solvents
Substance Quantity: Not reported
Local Case No: Not reported
Case Type: Soil
Abatement Method Used at the Site: VEGT
Global ID: T0603792958
W Global ID: Not reported
Staff: UNK
Local Agency: 19013
Cross Street: CONTINENTAL BLVD
Enforcement Type: Not reported
Date Leak Discovered: Not reported
Date Leak First Reported: 1/14/1986
Date Leak Record Entered: 12/31/1986
Date Confirmation Began: Not reported
Date Leak Stopped: Not reported
Date Case Last Changed on Database: 11/15/1996
Date the Case was Closed: 7/22/1996
How Leak Discovered: Not reported
How Leak Stopped: Not reported
Cause of Leak: UNK
Leak Source: Piping
Operator: AREA EOS, BUILDING E-07
Water System: Not reported
Well Name: Not reported
Approx. Dist To Production Well (ft): 6965.1556450590234266996340924
Source of Cleanup Funding: Piping
Preliminary Site Assessment Workplan Submitted: Not reported
Preliminary Site Assessment Began: Not reported
Pollution Characterization Began: 4/21/1988
Remediation Plan Submitted: Not reported
Remedial Action Underway: 5/4/1995

HUGHES AIRCRAFT COMPANY (Continued) **S104406645**

Post Remedial Action Monitoring Began: Not reported
Enforcement Action Date: Not reported
Historical Max MTBE Date: Not reported
Hist Max MTBE Conc in Groundwater: Not reported
Hist Max MTBE Conc in Soil: Not reported
Significant Interim Remedial Action Taken: Yes
GW Qualifier: Not reported
Soil Qualifier: Not reported
Organization: Not reported
Owner Contact: Not reported
Responsible Party: HUGHES ELECTRO-OPTICAL & DSG.
RP Address: P.O. BOX 902, EL SEGUNDO CA 90243
Program: LUST
Lat/Long: 33.916304 / -1
Local Agency Staff: SHT
Beneficial Use: Not reported
Priority: Not reported
Cleanup Fund Id: Not reported
Suspended: Not reported
Assigned Name: Not reported
Summary: WDR HAS BEEN ISSUED. WDR WILL BE USED ALONG WITH INDUSTRIAL WASTE PERMIT FUEL AND SOLVENT CONTAMINATION. 11/15/96 - WELL ABANDONMENT REPORT

HIST CORTESE:
Region: CORTESE
Facility County Code: 19
Reg By: LTNKA
Reg Id: R-10917X

O72 **RAYTHEON SPACE AND AIRBORNE SYSTEMS** **CA ENVIROSTOR** **1008152328**
SE **2000 E EL SEGUNDO BLVD** **CA CHMIRS** **N/A**
1/4-1/2 **EL SEGUNDO, CA 90245** **CA NPDES**
0.387 mi.
2044 ft. **Site 2 of 2 in cluster O**

Relative:
Lower

Actual:
119 ft.

ENVIROSTOR:
Facility ID: 80001335
Status: Active
Status Date: 01/01/2008
Site Code: 300331
Site Type: Corrective Action
Site Type Detailed: Corrective Action
Acres: 0.85
NPL: NO
Regulatory Agencies: SMBRP
Lead Agency: WM
Program Manager: Richard Allen
Supervisor: Javier Hinojosa
Division Branch: Cleanup Chatsworth
Assembly: 62
Senate: 26
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Not reported
Latitude: 33.91631

RAYTHEON SPACE AND AIRBORNE SYSTEMS (Continued) **1008152328**

Longitude: -118.3934
APN: NONE SPECIFIED
Past Use: AEROSPACE MANUFACTURING/MAINTENANCE
Potential COC: 1,1,1-Trichloroethane (TCA Trichloroethylene (TCE
Confirmed COC: 1,1,1-Trichloroethane (TCA Trichloroethylene (TCE
Potential Description: SOIL
Alias Name: CAD000633230
Alias Type: EPA Identification Number
Alias Name: 110018947826
Alias Type: EPA (FRS #)
Alias Name: 300331
Alias Type: Project Code (Site Code)
Alias Name: 80001335
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Interim Measures Questionnaire
Completed Date: 01/24/1992
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: RCRA Facility Assessment Report
Completed Date: 09/07/1991
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * Historical Operating Permit Authority
Completed Date: 12/24/1996
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Consent Order
Completed Date: 06/22/2011
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: RCRA Facility Assessment Report
Completed Date: 09/07/1991
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Human Exposure Controlled
Completed Date: 09/21/2015
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 10/17/2013
Comments: complete

RAYTHEON SPACE AND AIRBORNE SYSTEMS (Continued) **1008152328**

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 09/11/2015
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Assessment Report
Completed Date: 09/07/1991
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 08/18/2010
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 01/17/2012
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: RFI Workplan
Completed Date: 06/28/2012
Comments: conditional appoval, field work to follow

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 06/25/2013
Comments: field work begun

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: RFI Workplan Addendum
Completed Date: 12/05/2012
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: RFI Report
Completed Date: 05/29/2015
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: RFI Workplan Addendum
Completed Date: 10/11/2013
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Workplan

RAYTHEON SPACE AND AIRBORNE SYSTEMS (Continued) **1008152328**

Completed Date:	10/07/2014
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Technical Workplan
Completed Date:	01/27/2016
Comments:	Not reported
Future Area Name:	PROJECT WIDE
Future Sub Area Name:	Not reported
Future Document Type:	Groundwater Migration Controlled
Future Due Date:	2016
Future Area Name:	PROJECT WIDE
Future Sub Area Name:	Not reported
Future Document Type:	Remedy Constructed
Future Due Date:	2017
Future Area Name:	PROJECT WIDE
Future Sub Area Name:	Not reported
Future Document Type:	Remedy Selection and Statement of Basis
Future Due Date:	2016
Schedule Area Name:	Not reported
Schedule Sub Area Name:	Not reported
Schedule Document Type:	Not reported
Schedule Due Date:	Not reported
Schedule Revised Date:	Not reported

CHMIRS:

OES Incident Number:	1-2235
OES notification:	04/07/2011
OES Date:	Not reported
OES Time:	Not reported
Date Completed:	**Not reported**
Property Use:	Not reported
Agency Id Number:	Not reported
Agency Incident Number:	Not reported
Time Notified:	Not reported
Time Completed:	Not reported
Surrounding Area:	Not reported
Estimated Temperature:	Not reported
Property Management:	Not reported
More Than Two Substances Involved?:	Not reported
Resp Agncy Personel # Of Decontaminated:	Not reported
Responding Agency Personel # Of Injuries:	Not reported
Responding Agency Personel # Of Fatalities:	Not reported
Others Number Of Decontaminated:	Not reported
Others Number Of Injuries:	Not reported
Others Number Of Fatalities:	Not reported
Vehicle Make/year:	Not reported
Vehicle License Number:	Not reported
Vehicle State:	Not reported
Vehicle Id Number:	Not reported
CA DOT PUC/ICC Number:	Not reported
Company Name:	Not reported
Reporting Officer Name/ID:	Not reported
Report Date:	Not reported
Facility Telephone:	Not reported

RAYTHEON SPACE AND AIRBORNE SYSTEMS (Continued) **1008152328**

Waterway Involved:	No
Waterway:	Not reported
Spill Site:	Other
Cleanup By:	Unknown
Containment:	Not reported
What Happened:	Not reported
Type:	Not reported
Measure:	Lbs.
Other:	Not reported
Date/Time:	1200
Year:	2011
Agency:	Raytheon Company
Incident Date:	3/22/2011
Admin Agency:	El Segundo Fire Department
Amount:	Not reported
Contained:	Unknown
Site Type:	Not reported
E Date:	Not reported
Substance:	Antimony
Quantity Released:	39
Unknown:	Not reported
Substance #2:	Not reported
Substance #3:	Not reported
Evacuations:	Not reported
Number of Injuries:	Not reported
Number of Fatalities:	Not reported
#1 Pipeline:	Not reported
#2 Pipeline:	Not reported
#3 Pipeline:	Not reported
#1 Vessel >= 300 Tons:	Not reported
#2 Vessel >= 300 Tons:	Not reported
#3 Vessel >= 300 Tons:	Not reported
Evacs:	Not reported
Injuries:	Not reported
Fatals:	Not reported
Comments:	Not reported
Description:	HISTORIC REPORT: The caller is reporting that antimony (a soft metal) was in a load of debris sent to a landfill. The caller stated that the amount of antimony was well below the federal reportable quantity.

NPDES:

Npdes Number:	CAS000001
Facility Status:	Active
Agency Id:	0
Region:	4
Regulatory Measure Id:	339622
Order No:	97-03-DWQ
Regulatory Measure Type:	Enrollee
Place Id:	Not reported
WDID:	4 19I021413
Program Type:	Industrial
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	01/16/2008
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported

RAYTHEON SPACE AND AIRBORNE SYSTEMS (Continued) **1008152328**

Discharge Name:	Raytheon Co
Discharge Address:	2000 E El Segundo Blvd
Discharge City:	El Segundo
Discharge State:	California
Discharge Zip:	90245
RECEIVED DATE:	Not reported
PROCESSED DATE:	Not reported
STATUS CODE NAME:	Not reported
STATUS DATE:	Not reported
PLACE SIZE:	Not reported
PLACE SIZE UNIT:	Not reported
FACILITY CONTACT NAME:	Not reported
FACILITY CONTACT TITLE:	Not reported
FACILITY CONTACT PHONE:	Not reported
FACILITY CONTACT PHONE EXT:	Not reported
FACILITY CONTACT EMAIL:	Not reported
OPERATOR NAME:	Not reported
OPERATOR ADDRESS:	Not reported
OPERATOR CITY:	Not reported
OPERATOR STATE:	Not reported
OPERATOR ZIP:	Not reported
OPERATOR CONTACT NAME:	Not reported
OPERATOR CONTACT TITLE:	Not reported
OPERATOR CONTACT PHONE:	Not reported
OPERATOR CONTACT PHONE EXT:	Not reported
OPERATOR CONTACT EMAIL:	Not reported
OPERATOR TYPE:	Not reported
DEVELOPER NAME:	Not reported
DEVELOPER ADDRESS:	Not reported
DEVELOPER CITY:	Not reported
DEVELOPER STATE:	Not reported
DEVELOPER ZIP:	Not reported
DEVELOPER CONTACT NAME:	Not reported
DEVELOPER CONTACT TITLE:	Not reported
CONSTYPE LINEAR UTILITY IND:	Not reported
EMERGENCY PHONE NO:	Not reported
EMERGENCY PHONE EXT:	Not reported
CONSTYPE ABOVE GROUND IND:	Not reported
CONSTYPE BELOW GROUND IND:	Not reported
CONSTYPE CABLE LINE IND:	Not reported
CONSTYPE COMM LINE IND:	Not reported
CONSTYPE COMMERTIAL IND:	Not reported
CONSTYPE ELECTRICAL LINE IND:	Not reported
CONSTYPE GAS LINE IND:	Not reported
CONSTYPE INDUSTRIAL IND:	Not reported
CONSTYPE OTHER DESRIPTION:	Not reported
CONSTYPE OTHER IND:	Not reported
CONSTYPE RECONS IND:	Not reported
CONSTYPE RESIDENTIAL IND:	Not reported
CONSTYPE TRANSPORT IND:	Not reported
CONSTYPE UTILITY DESCRIPTION:	Not reported
CONSTYPE UTILITY IND:	Not reported
CONSTYPE WATER SEWER IND:	Not reported
DIR DISCHARGE USWATER IND:	Not reported
RECEIVING WATER NAME:	Not reported
CERTIFIER NAME:	Not reported
CERTIFIER TITLE:	Not reported

RAYTHEON SPACE AND AIRBORNE SYSTEMS (Continued) **1008152328**

CERTIFICATION DATE:	Not reported
PRIMARY SIC:	Not reported
SECONDARY SIC:	Not reported
TERTIARY SIC:	Not reported
Npdes Number:	Not reported
Facility Status:	Not reported
Agency Id:	Not reported
Region:	4
Regulatory Measure Id:	339622
Order No:	Not reported
Regulatory Measure Type:	Industrial
Place Id:	Not reported
WDID:	4 19I021413
Program Type:	Not reported
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	Not reported
Discharge Address:	Not reported
Discharge City:	Not reported
Discharge State:	Not reported
Discharge Zip:	Not reported
RECEIVED DATE:	5/9/2008
PROCESSED DATE:	1/16/2008
STATUS CODE NAME:	Active
STATUS DATE:	1/16/2008
PLACE SIZE:	143
PLACE SIZE UNIT:	Acres
FACILITY CONTACT NAME:	Glenn Portillo
FACILITY CONTACT TITLE:	EHS Engineer
FACILITY CONTACT PHONE:	310-647-9451
FACILITY CONTACT PHONE EXT:	Not reported
FACILITY CONTACT EMAIL:	glenn.j.portillo@raytheon.com
OPERATOR NAME:	Raytheon Co
OPERATOR ADDRESS:	2000 E El Segundo Blvd
OPERATOR CITY:	El Segundo
OPERATOR STATE:	California
OPERATOR ZIP:	90245
OPERATOR CONTACT NAME:	Glenn Portillo
OPERATOR CONTACT TITLE:	EHS Engineer
OPERATOR CONTACT PHONE:	310-647-9451
OPERATOR CONTACT PHONE EXT:	Not reported
OPERATOR CONTACT EMAIL:	glenn.j.portillo@raytheon.com
OPERATOR TYPE:	Private Business
DEVELOPER NAME:	Not reported
DEVELOPER ADDRESS:	Not reported
DEVELOPER CITY:	Not reported
DEVELOPER STATE:	California
DEVELOPER ZIP:	Not reported
DEVELOPER CONTACT NAME:	Not reported
DEVELOPER CONTACT TITLE:	Not reported
CONSTYPE LINEAR UTILITY IND:	Not reported
EMERGENCY PHONE NO:	310-607-7777
EMERGENCY PHONE EXT:	Not reported
CONSTYPE ABOVE GROUND IND:	Not reported

RAYTHEON SPACE AND AIRBORNE SYSTEMS (Continued) **1008152328**

CONSTYPE BELOW GROUND IND:	Not reported
CONSTYPE CABLE LINE IND:	Not reported
CONSTYPE COMM LINE IND:	Not reported
CONSTYPE COMMERTIAL IND:	Not reported
CONSTYPE ELECTRICAL LINE IND:	Not reported
CONSTYPE GAS LINE IND:	Not reported
CONSTYPE INDUSTRIAL IND:	Not reported
CONSTYPE OTHER DESRIPTION:	Not reported
CONSTYPE OTHER IND:	Not reported
CONSTYPE RECONS IND:	Not reported
CONSTYPE RESIDENTIAL IND:	Not reported
CONSTYPE TRANSPORT IND:	Not reported
CONSTYPE UTILITY DESCRIPTION:	Not reported
CONSTYPE UTILITY IND:	Not reported
CONSTYPE WATER SEWER IND:	Not reported
DIR DISCHARGE USWATER IND:	N
RECEIVING WATER NAME:	Pacific Ocean
CERTIFIER NAME:	Suzelle Moss
CERTIFIER TITLE:	Director, EHS
CERTIFICATION DATE:	25-JUN-15
PRIMARY SIC:	3812-Search, Detection, Navigation, Guidance, Aeronautical, and Nautical Systems and Instruments
SECONDARY SIC:	Not reported
TERTIARY SIC:	Not reported

P73 **DEVLIN PHARMACEUTICALS INC** **SEMS-ARCHIVE** **1003878845**
NE **700 N SEPULVEDA BLVD** **CAD981373848**
1/4-1/2 **EL SEGUNDO, CA 90245**
0.390 mi.
2057 ft. **Site 1 of 2 in cluster P**

Relative:
Lower

Actual:
116 ft.

SEMS-ARCHIVE:

Site ID:	902293
EPA ID:	CAD981373848
Federal Facility:	N
NPL:	Not on the NPL
Non NPL Status:	NFRAP-Site does not qualify for the NPL based on existing information

Following information was gathered from the prior CERCLIS update completed in 10/2013:

Site ID:	0902293
Federal Facility:	Not a Federal Facility
NPL Status:	Not on the NPL
Non NPL Status:	NFRAP-Site does not qualify for the NPL based on existing information

CERCLIS-NFRAP Site Contact Details:

Contact Sequence ID:	13290184.00000
Person ID:	13003854.00000
Contact Sequence ID:	13295779.00000
Person ID:	13003858.00000
Contact Sequence ID:	13301637.00000
Person ID:	13004003.00000

CERCLIS-NFRAP Site Alias Name(s):

Alias Name:	HUGHES AIRCRAFT CO (CKA)
Alias Address:	Not reported

DEVLIN PHARMACEUTICALS INC (Continued) **1003878845**

CA

CERCLIS-NFRAP Assessment History:

Action:	DISCOVERY
Date Started:	/ /
Date Completed:	02/01/86
Priority Level:	Not reported

Action:	PRELIMINARY ASSESSMENT
Date Started:	01/01/86
Date Completed:	05/01/86
Priority Level:	Low priority for further assessment

Action:	ARCHIVE SITE
Date Started:	/ /
Date Completed:	02/22/89
Priority Level:	Not reported

Action:	PRELIMINARY ASSESSMENT
Date Started:	/ /
Date Completed:	02/22/89
Priority Level:	NFRAP-Site does not qualify for the NPL based on existing information

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P74 **DEVLIN PHARMACEUTICALS, INC** **CA ENVIROSTOR** **S102860858**
NE **700 NORTH SEPULVEDA BLVD** **N/A**
1/4-1/2 **EL SEGUNDO, CA 90245**
0.390 mi.
2057 ft. **Site 2 of 2 in cluster P**

Relative:
Lower

Actual:
116 ft.

ENVIROSTOR:

Facility ID:	19280313
Status:	No Further Action
Status Date:	12/08/1994
Site Code:	Not reported
Site Type:	Historical
Site Type Detailed:	* Historical
Acres:	Not reported
NPL:	NO
Regulatory Agencies:	NONE SPECIFIED
Lead Agency:	NONE SPECIFIED
Program Manager:	Not reported
Supervisor:	* Mmonroy
Division Branch:	Cleanup Cypress
Assembly:	62
Senate:	26
Special Program:	* Site Char & Assess Grant (CERCLA 104)
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	Not reported
Latitude:	33.92527
Longitude:	-118.3963
APN:	NONE SPECIFIED
Past Use:	MANUFACTURING - OTHER
Potential COC:	TPH-gas
Confirmed COC:	30025-NO
Potential Description:	SOIL
Alias Name:	BERGEN-BRUNSWIG

DEVLIN PHARMACEUTICALS, INC (Continued) **S102860858**

Alias Type:	Alternate Name
Alias Name:	HUGHES AIRCRAFT COMPANY
Alias Type:	Alternate Name
Alias Name:	RABIN WINTERS CORPORATION
Alias Type:	Alternate Name
Alias Name:	RABIN'S PHARMACEUTICAL COMPANY
Alias Type:	Alternate Name
Alias Name:	CAD981373848
Alias Type:	EPA Identification Number
Alias Name:	19280313
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Preliminary Assessment Report
Completed Date:	12/01/1985
Comments:	SOURCE ACT: CONTACT W/ LICHTEN,HUGHES, & RABIN,OWNER - (DEVLIN)MFG OF PHARMACEUTL & VITAMINS, (RABIN'S)MFG OF PHARMACEUTIC & PROD OF ROSIN LIGHTER FLUID, (BERGEN) MFG OF PHARMACEUTICALS, (HUGHES) STORAGE OF OFFICE EQUIP. IN 1982 8 U/G TANKS USED BY RABINS WERE REMOVED BY RABIN W/O REGULATORY. SUBMIT TO EPA ENFORCEMENT(OTHER) CO ENGR. CLOSED CLARIFIER ON 10/29/85 PRELIM ASSESS DONE CERCLA 104

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Site Screening
Completed Date:	12/08/1994
Comments:	CALSITES VALIDATION PROGRAM CONFIRMS NFA FOR DTSC.

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	* Discovery
Completed Date:	04/03/1980
Comments:	FACILITY IDENTIFIED IW SURVEY QUESTIONNAIRE 12580 QUESTIONNAIR RECIEVED IDENTIFIED DISCH METHOD & WASTE TYPE

Future Area Name:	Not reported
Future Sub Area Name:	Not reported
Future Document Type:	Not reported
Future Due Date:	Not reported
Schedule Area Name:	Not reported
Schedule Sub Area Name:	Not reported
Schedule Document Type:	Not reported
Schedule Due Date:	Not reported
Schedule Revised Date:	Not reported

Q75 **ALLIED SALES & SALVAGE** **SEMS-ARCHIVE** **1003878356**
SSE **160 S SEPULVEDA BLVD** **CAD063821789**
1/4-1/2 **EL SEGUNDO, CA 90245**
0.409 mi.
2160 ft. **Site 1 of 2 in cluster Q**

Relative:
Lower

Actual:
106 ft.

SEMS-ARCHIVE:

Site ID:	901503
EPA ID:	CAD063821789
Federal Facility:	N
NPL:	Not on the NPL

ALLIED SALES & SALVAGE (Continued) **1003878356**

Non NPL Status: NFRAP-Site does not qualify for the NPL based on existing information

Following information was gathered from the prior CERCLIS update completed in 10/2013:
Site ID: 0901503
Federal Facility: Not a Federal Facility
NPL Status: Not on the NPL
Non NPL Status: NFRAP-Site does not qualify for the NPL based on existing information

CERCLIS-NFRAP Site Contact Details:
Contact Sequence ID: 13289942.00000
Person ID: 13003854.00000

Contact Sequence ID: 13295537.00000
Person ID: 13003858.00000

Contact Sequence ID: 13301395.00000
Person ID: 13004003.00000

CERCLIS-NFRAP Site Alias Name(s):
Alias Name: R & S SHERWOOD (OWNER)
Alias Address: Not reported
CA

CERCLIS-NFRAP Assessment History:
Action: PRELIMINARY ASSESSMENT
Date Started: 05/01/86
Date Completed: 01/01/87
Priority Level: Low priority for further assessment

Action: ARCHIVE SITE
Date Started: / /
Date Completed: 06/01/88
Priority Level: Not reported

Action: SITE INSPECTION
Date Started: / /
Date Completed: 06/01/88
Priority Level: NFRAP-Site does not qualify for the NPL based on existing information

Action: DISCOVERY
Date Started: / /
Date Completed: 05/01/86
Priority Level: Not reported

Q76 **ALLIED SALES & SALVAGE** **CA ENVIROSTOR** **S105023637**
SSE **160 SOUTH SEPULVEDA BOULEVARD** **CA HIST CORTESE** **N/A**
1/4-1/2 **EL SEGUNDO, CA 90245**
0.409 mi.
2160 ft. **Site 2 of 2 in cluster Q**

Relative:
Lower

Actual:
106 ft.

ENVIROSTOR:
Facility ID: 19500011
Status: Refer: Other Agency
Status Date: 08/31/1995
Site Code: Not reported
Site Type: Historical

ALLIED SALES & SALVAGE (Continued) **S105023637**

Site Type Detailed: * Historical
Acres: Not reported
NPL: NO
Regulatory Agencies: NONE SPECIFIED
Lead Agency: NONE SPECIFIED
Program Manager: Not reported
Supervisor: * Mmonroy
Division Branch: Cleanup Chatsworth
Assembly: 62
Senate: 26
Special Program: * Site Char & Assess Grant (CERCLA 104)
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Not reported
Latitude: 33.91447
Longitude: -118.3954
APN: 4138014016
Past Use: NONE SPECIFIED
Potential COC: * CONTAMINATED SOIL * WASTE OIL & MIXED OIL
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: 4138014016
Alias Type: APN
Alias Name: CAD063821789
Alias Type: EPA Identification Number
Alias Name: 19500011
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 11/07/1994
Comments: DATABASE VALIDATION PROJECT CONFIRMS NFA FOR DTSC.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 11/16/1988
Comments: Site Screening Done: DHS will concur with EPA recommendation of NFA due to the minimal quantity of oil disposed of and the fact that the stained areas have been cleaned up. Site will be referred to Los Angeles County Health Dept. Site removed from Cortese.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 12/02/1987
Comments: Site Screening Done: Evidence of a small amount of onsite disposal found.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * Discovery
Completed Date: 05/13/1981
Comments: Facility identified via Abandoned Chemical Waste Disposal Survey. Questionnaire received. Years of Operation: 1957 to present.

ALLIED SALES & SALVAGE (Continued) **S105023637**

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

HIST CORTESE:
Region: CORTESE
Facility County Code: 19
Reg By: CALSI
Reg Id: 19500011

R77 **UNOCAL #4613** **CA LUST** **S101896984**
NNE **770 SEPULVEDA BLVD N** **CA SWEEPS UST** **N/A**
1/4-1/2 **EL SEGUNDO, CA 90245** **CA LOS ANGELES CO. HMS**
0.434 mi.
2290 ft. **Site 1 of 2 in cluster R**

Relative:
Higher

Actual:
124 ft.

LUST:
Region: STATE
Global Id: T0603792957
Latitude: 33.9266999
Longitude: -118.395924
Case Type: LUST Cleanup Site
Status: Completed - Case Closed
Status Date: 02/06/1997
Lead Agency: LOS ANGELES RWQCB (REGION 4)
Case Worker: YR
Local Agency: EL SEGUNDO, CITY OF
RB Case Number: I-09970
LOC Case Number: Not reported
File Location: Not reported
Potential Media Affect: Aquifer used for drinking water supply
Potential Contaminants of Concern: Diesel
Site History: Not reported

Click here to access the California GeoTracker records for this facility:

Contact:
Global Id: T0603792957
Contact Type: Local Agency Caseworker
Contact Name: STEVE TSUMURA
Organization Name: EL SEGUNDO, CITY OF
Address: 314 MAIN STREET
City: EL SEGUNDO
Email: stsumura@elsegundo.org
Phone Number: Not reported

Global Id: T0603792957
Contact Type: Regional Board Caseworker
Contact Name: YUE RONG
Organization Name: LOS ANGELES RWQCB (REGION 4)
Address: 320 W. 4TH ST., SUITE 200
City: Los Angeles

UNOCAL #4613 (Continued) **S101896984**

Email: yrong@waterboards.ca.gov
Phone Number: Not reported

Status History:
Global Id: T0603792957
Status: Completed - Case Closed
Status Date: 02/06/1997

Global Id: T0603792957
Status: Open - Case Begin Date
Status Date: 01/28/1991

Global Id: T0603792957
Status: Open - Site Assessment
Status Date: 12/02/1994

Regulatory Activities:
Global Id: T0603792957
Action Type: Other
Date: 01/28/1991
Action: Leak Reported

LUST REG 4:
Region: 4
Regional Board: 04
County: Los Angeles
Facility Id: I-09970
Status: Case Closed
Substance: Diesel
Substance Quantity: Not reported
Local Case No: Not reported
Case Type: Groundwater
Abatement Method Used at the Site: Not reported
Global ID: T0603792957
W Global ID: Not reported
Staff: UNK
Local Agency: 19013
Cross Street: Not reported
Enforcement Type: Not reported
Date Leak Discovered: Not reported
Date Leak First Reported: 1/28/1991
Date Leak Record Entered: 10/31/1995
Date Confirmation Began: Not reported
Date Leak Stopped: Not reported
Date Case Last Changed on Database: 5/15/1998
Date the Case was Closed: 2/6/1997
How Leak Discovered: Not reported
How Leak Stopped: Not reported
Cause of Leak: Not reported
Leak Source: Not reported
Operator: Not reported
Water System: Not reported
Well Name: Not reported
Approx. Dist To Production Well (ft): 9688.963672795917727640799964
Source of Cleanup Funding: Not reported

UNOCAL #4613 (Continued) **S101896984**

Preliminary Site Assessment Workplan Submitted: 12/2/1994
Preliminary Site Assessment Began: Not reported
Pollution Characterization Began: Not reported
Remediation Plan Submitted: Not reported
Remedial Action Underway: Not reported
Post Remedial Action Monitoring Began: Not reported
Enforcement Action Date: Not reported
Historical Max MTBE Date: Not reported
Hist Max MTBE Conc in Groundwater: Not reported
Hist Max MTBE Conc in Soil: 51
Significant Interim Remedial Action Taken: Not reported
GW Qualifier: Not reported
Soil Qualifier: Not reported
Organization: Not reported
Owner Contact: Not reported
Responsible Party: 76 PRODUCTS COMPANY
RP Address: P.O. BOX 25376, SANTA ANA CA 92799-5376
Program: LUST
Lat/Long: 33.926637 / -1
Local Agency Staff: SHT
Beneficial Use: Not reported
Priority: Not reported
Cleanup Fund Id: Not reported
Suspended: Not reported
Assigned Name: Not reported
Summary: 01/23/97 QUARTERLY MONITORING REPORT; 04/10/97 WELL ABANDONMENT RPT; 09/30/97 QTRLY MON RPT; 02/09/98 RESULTS OF A SOIL GAS SURVEY

SWEEPS UST:
Status: Active
Comp Number: 9970
Number: 9
Board Of Equalization: 44-001057
Referral Date: 06-30-89
Action Date: Not reported
Created Date: 06-30-89
Owner Tank Id: Not reported
SWRCB Tank Id: 19-000-009970-000001
Tank Status: A
Capacity: Not reported
Active Date: 06-30-89
Tank Use: UNKNOWN
STG: W
Content: Not reported
Number Of Tanks: 4

Status: Active
Comp Number: 9970
Number: 9
Board Of Equalization: 44-001057
Referral Date: 06-30-89
Action Date: Not reported
Created Date: 06-30-89
Owner Tank Id: Not reported
SWRCB Tank Id: 19-000-009970-000002
Tank Status: A
Capacity: Not reported

UNOCAL #4613 (Continued) **S101896984**

Active Date: 06-30-89
Tank Use: UNKNOWN
STG: W
Content: Not reported
Number Of Tanks: Not reported

Status: Active
Comp Number: 9970
Number: 9
Board Of Equalization: 44-001057
Referral Date: 06-30-89
Action Date: Not reported
Created Date: 06-30-89
Owner Tank Id: Not reported
SWRCB Tank Id: 19-000-009970-000003
Tank Status: A
Capacity: Not reported
Active Date: 06-30-89
Tank Use: UNKNOWN
STG: W
Content: Not reported
Number Of Tanks: Not reported

Status: Active
Comp Number: 9970
Number: 9
Board Of Equalization: 44-001057
Referral Date: 06-30-89
Action Date: Not reported
Created Date: 06-30-89
Owner Tank Id: Not reported
SWRCB Tank Id: 19-000-009970-000004
Tank Status: A
Capacity: Not reported
Active Date: 06-30-89
Tank Use: UNKNOWN
STG: W
Content: Not reported
Number Of Tanks: Not reported

LOS ANGELES CO. HMS:
Region: LA
Permit Category: T
Facility Id: 010104-009970
Facility Type: 0
Facility Status: Closed
Area: 2N
Permit Number: 00001408T
Permit Status: Closed

Region: LA
Permit Category: T
Facility Id: 010104-024655
Facility Type: 0
Facility Status: Closed
Area: 2N
Permit Number: 000190124

UNOCAL #4613 (Continued) **S101896984**

Permit Status: Closed

78
East
1/4-1/2
0.461 mi.
2433 ft.

HUGHES AIRCRAFT CO CSG
1990 GRAND AVE E
EL SEGUNDO, CA 90245

CA LUST **S102431537**
CA SWEEPS UST **N/A**
CA HIST CORTESE

Relative:
Lower

Actual:
116 ft.

LUST:

Region:	STATE
Global Id:	T0603705198
Latitude:	33.9188509
Longitude:	-118.39182
Case Type:	LUST Cleanup Site
Status:	Completed - Case Closed
Status Date:	08/19/1996
Lead Agency:	EL SEGUNDO, CITY OF
Case Worker:	SHT
Local Agency:	EL SEGUNDO, CITY OF
RB Case Number:	R-13532
LOC Case Number:	Not reported
File Location:	Not reported
Potential Media Affect:	Soil
Potential Contaminants of Concern:	Aviation
Site History:	Not reported

Click here to access the California GeoTracker records for this facility:

Contact:

Global Id:	T0603705198
Contact Type:	Local Agency Caseworker
Contact Name:	STEVE TSUMURA
Organization Name:	EL SEGUNDO, CITY OF
Address:	314 MAIN STREET
City:	EL SEGUNDO
Email:	stsumura@elsegundo.org
Phone Number:	Not reported

Global Id:	T0603705198
Contact Type:	Regional Board Caseworker
Contact Name:	YUE RONG
Organization Name:	LOS ANGELES RWQCB (REGION 4)
Address:	320 W. 4TH ST., SUITE 200
City:	Los Angeles
Email:	yrong@waterboards.ca.gov
Phone Number:	Not reported

Status History:

Global Id:	T0603705198
Status:	Completed - Case Closed
Status Date:	08/19/1996

Global Id:	T0603705198
Status:	Open - Case Begin Date
Status Date:	08/19/1996

Regulatory Activities:

HUGHES AIRCRAFT CO CSG (Continued) **S102431537**

Global Id: T0603705198
Action Type: Other
Date: 08/19/1996
Action: Leak Reported

LUST REG 4:
Region: 4
Regional Board: 04
County: Los Angeles
Facility Id: R-13532
Status: Case Closed
Substance: 1
Substance Quantity: Not reported
Local Case No: Not reported
Case Type: Soil
Abatement Method Used at the Site: Not reported
Global ID: T0603705198
W Global ID: Not reported
Staff: UNK
Local Agency: 19013
Cross Street: Not reported
Enforcement Type: Not reported
Date Leak Discovered: Not reported
Date Leak First Reported: 8/19/1996
Date Leak Record Entered: 8/23/1996
Date Confirmation Began: Not reported
Date Leak Stopped: Not reported
Date Case Last Changed on Database: 8/19/1996
Date the Case was Closed: 8/19/1996
How Leak Discovered: Not reported
How Leak Stopped: Not reported
Cause of Leak: Not reported
Leak Source: Not reported
Operator: Not reported
Water System: Not reported
Well Name: Not reported
Approx. Dist To Production Well (ft): 7534.849540615418845377097 5347
Source of Cleanup Funding: Not reported
Preliminary Site Assessment Workplan Submitted: Not reported
Preliminary Site Assessment Began: Not reported
Pollution Characterization Began: Not reported
Remediation Plan Submitted: Not reported
Remedial Action Underway: Not reported
Post Remedial Action Monitoring Began: Not reported
Enforcement Action Date: Not reported
Historical Max MTBE Date: Not reported
Hist Max MTBE Conc in Groundwater: Not reported
Hist Max MTBE Conc in Soil: Not reported
Significant Interim Remedial Action Taken: Not reported
GW Qualifier: Not reported
Soil Qualifier: Not reported
Organization: Not reported
Owner Contact: Not reported
Responsible Party: HUGHES AIRCRAFT CO., S66
RP Address: P.O. BOX 92919, LOS ANGELES CA 90009
Program: LUST

HUGHES AIRCRAFT CO CSG (Continued) **S102431537**

Lat/Long: 33.9191286 / -1
Local Agency Staff: SHT
Beneficial Use: Not reported
Priority: Not reported
Cleanup Fund Id: Not reported
Suspended: Not reported
Assigned Name: Not reported
Summary: Not reported

SWEEPS UST:
Status: Active
Comp Number: 13532
Number: 9
Board Of Equalization: 44-008026
Referral Date: 06-30-89
Action Date: Not reported
Created Date: 06-30-89
Owner Tank Id: Not reported
SWRCB Tank Id: 19-000-013532-000001
Tank Status: A
Capacity: Not reported
Active Date: 06-30-89
Tank Use: UNKNOWN
STG: W
Content: Not reported
Number Of Tanks: 1

HIST CORTESE:
Region: CORTESE
Facility County Code: 19
Reg By: LTNKA
Reg Id: R-13532

R79 **HUGHES AIRCRAFT CO/ SCG** **CA LUST** **S102431539**
NNE **1925 MAPLE ST E** **CA HIST CORTESE** **N/A**
1/4-1/2 **EL SEGUNDO, CA 90245**
0.479 mi.
2531 ft. **Site 2 of 2 in cluster R**

Relative:
Higher

Actual:
121 ft.

LUST:
Region: STATE
Global Id: T0603705197
Latitude: 33.927358
Longitude: -118.392281
Case Type: LUST Cleanup Site
Status: Completed - Case Closed
Status Date: 01/03/1996
Lead Agency: EL SEGUNDO, CITY OF
Case Worker: SHT
Local Agency: EL SEGUNDO, CITY OF
RB Case Number: R-13531
LOC Case Number: Not reported
File Location: Not reported
Potential Media Affect: Soil
Potential Contaminants of Concern: Alcohols
Site History: Not reported

HUGHES AIRCRAFT CO/ SCG (Continued) **S102431539**

Click here to access the California GeoTracker records for this facility:

Contact:

Global Id:	T0603705197
Contact Type:	Local Agency Caseworker
Contact Name:	STEVE TSUMURA
Organization Name:	EL SEGUNDO, CITY OF
Address:	314 MAIN STREET
City:	EL SEGUNDO
Email:	stsumura@elsegundo.org
Phone Number:	Not reported

Global Id:	T0603705197
Contact Type:	Regional Board Caseworker
Contact Name:	YUE RONG
Organization Name:	LOS ANGELES RWQCB (REGION 4)
Address:	320 W. 4TH ST., SUITE 200
City:	Los Angeles
Email:	yrong@waterboards.ca.gov
Phone Number:	Not reported

Status History:

Global Id:	T0603705197
Status:	Completed - Case Closed
Status Date:	01/03/1996

Global Id:	T0603705197
Status:	Open - Case Begin Date
Status Date:	09/29/1994

Regulatory Activities:

Global Id:	T0603705197
Action Type:	Other
Date:	10/10/1994
Action:	Leak Discovery

Global Id:	T0603705197
Action Type:	Other
Date:	11/28/1994
Action:	Leak Reported

Global Id:	T0603705197
Action Type:	Other
Date:	09/29/1994
Action:	Leak Stopped

LUST REG 4:

Region:	4
Regional Board:	04
County:	Los Angeles
Facility Id:	R-13531
Status:	Case Closed
Substance:	Isopropyl Alcohol
Substance Quantity:	Not reported

HUGHES AIRCRAFT CO/ SCG (Continued) **S102431539**

Local Case No:	Not reported	
Case Type:	Soil	
Abatement Method Used at the Site:		OT
Global ID:	T0603705197	
W Global ID:	Not reported	
Staff:	UNK	
Local Agency:	19013	
Cross Street:	SEPULVEDA BLVD	
Enforcement Type:	Not reported	
Date Leak Discovered:	10/10/1994	
Date Leak First Reported:		11/28/1994
Date Leak Record Entered:	5/24/1996	
Date Confirmation Began:	Not reported	
Date Leak Stopped:	9/29/1994	
Date Case Last Changed on Database:		1/3/1996
Date the Case was Closed:		1/3/1996
How Leak Discovered:	Tank Closure	
How Leak Stopped:	Not reported	
Cause of Leak:	UNK	
Leak Source:	Piping	
Operator:	Not reported	
Water System:	Not reported	
Well Name:	Not reported	
Approx. Dist To Production Well (ft):		9450.65933227475287913753422
Source of Cleanup Funding:		Piping
Preliminary Site Assessment Workplan Submitted:		Not reported
Preliminary Site Assessment Began:		Not reported
Pollution Characterization Began:		Not reported
Remediation Plan Submitted:		Not reported
Remedial Action Underway:		Not reported
Post Remedial Action Monitoring Began:		Not reported
Enforcement Action Date:		Not reported
Historical Max MTBE Date:		Not reported
Hist Max MTBE Conc in Groundwater:		Not reported
Hist Max MTBE Conc in Soil:		Not reported
Significant Interim Remedial Action Taken:		Not reported
GW Qualifier:	Not reported	
Soil Qualifier:	Not reported	
Organization:	Not reported	
Owner Contact:	Not reported	
Responsible Party:	HUGHES AIRCRAFT CO.	
RP Address:	BLDG 225/MS C375 P.O. BOX 92919 LA CA 90009	
Program:	LUST	
Lat/Long:	33.9270474 / -1	
Local Agency Staff:	SHT	
Beneficial Use:	Not reported	
Priority:	Not reported	
Cleanup Fund Id:	Not reported	
Suspended:	Not reported	
Assigned Name:	Not reported	
Summary:	TPH-1200PPM, ACETONE-250PPM UNDER PIPING AROUND ROOM 1610	

HIST CORTESE:

Region:	CORTESE
Facility County Code:	19
Reg By:	LTNKA
Reg Id:	R-13531

80
NNE
1/4-1/2
0.495 mi.
2616 ft.

HUGHES AIRCRAFT/GILBERT
800 N. SEPULVEDA BLVD.
EL SEGUNDO, CA 90245

CA ENVIROSTOR **S111842201**
CA VCP **N/A**

Relative:
Higher

Actual:
123 ft.

ENVIROSTOR:

Facility ID:	19370368
Status:	No Further Action
Status Date:	10/09/1996
Site Code:	300599
Site Type:	Voluntary Cleanup
Site Type Detailed:	Voluntary Cleanup
Acres:	0.2
NPL:	NO
Regulatory Agencies:	DTSC
Lead Agency:	DTSC
Program Manager:	Not reported
Supervisor:	* Greg Holmes
Division Branch:	Cleanup Cypress
Assembly:	62
Senate:	26
Special Program:	Voluntary Cleanup Program
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	Responsible Party
Latitude:	33.92666
Longitude:	-118.3963
APN:	4138-005-028
Past Use:	AEROSPACE MANUFACTURING/MAINTENANCE
Potential COC:	* HALOGENATED SOLVENTS * HYDROCARBON SOLVENTS
Confirmed COC:	NONE SPECIFIED
Potential Description:	SV, IA
Alias Name:	GILBERT
Alias Type:	Alternate Name
Alias Name:	GILBERT FINANCIAL/HUGHES
Alias Type:	Alternate Name
Alias Name:	HUGHES AIRCRAFT - GILBERT
Alias Type:	Alternate Name
Alias Name:	HUGHES AIRCRAFT GILBERT
Alias Type:	Alternate Name
Alias Name:	HUGHES/GILBERT
Alias Type:	Alternate Name
Alias Name:	4138-005-028
Alias Type:	APN
Alias Name:	110033614989
Alias Type:	EPA (FRS #)
Alias Name:	300599
Alias Type:	Project Code (Site Code)
Alias Name:	19370368
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Preliminary Endangerment Assessment Report
Completed Date:	10/09/1996
Comments:	Not reported
Completed Area Name:	PROJECT WIDE

HUGHES AIRCRAFT/GILBERT (Continued) **S111842201**

Completed Sub Area Name: Not reported
Completed Document Type: Voluntary Cleanup Agreement
Completed Date: 05/08/1996
Comments: A VCP agreement was signed to submit and review a modified PEA.

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

VCP:
Facility ID: 19370368
Site Type: Voluntary Cleanup
Site Type Detail: Voluntary Cleanup
Site Mgmt. Req.: NONE SPECIFIED
Acres: 0.2
National Priorities List: NO
Cleanup Oversight Agencies: DTSC
Lead Agency: DTSC
Lead Agency Description: * DTSC
Project Manager: Not reported
Supervisor: * Greg Holmes
Division Branch: Cleanup Cypress
Site Code: 300599
Assembly: 62
Senate: 26
Special Programs Code: Voluntary Cleanup Program
Status: No Further Action
Status Date: 10/09/1996
Restricted Use: NO
Funding: Responsible Party
Lat/Long: 33.92666 / -118.3963
APN: 4138-005-028
Past Use: AEROSPACE MANUFACTURING/MAINTENANCE
Potential COC: 10003, 10009
Confirmed COC: NONE SPECIFIED
Potential Description: SV, IA
Alias Name: GILBERT
Alias Type: Alternate Name
Alias Name: GILBERT FINANCIAL/HUGHES
Alias Type: Alternate Name
Alias Name: HUGHES AIRCRAFT - GILBERT
Alias Type: Alternate Name
Alias Name: HUGHES AIRCRAFT GILBERT
Alias Type: Alternate Name
Alias Name: HUGHES/GILBERT
Alias Type: Alternate Name
Alias Name: 4138-005-028
Alias Type: APN
Alias Name: 110033614989
Alias Type: EPA (FRS #)
Alias Name: 300599

HUGHES AIRCRAFT/GILBERT (Continued) **S111842201**

Alias Type: Project Code (Site Code)
Alias Name: 19370368
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 10/09/1996
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Voluntary Cleanup Agreement
Completed Date: 05/08/1996
Comments: A VCP agreement was signed to submit and review a modified PEA.

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

81
ENE
1/2-1
0.531 mi.
2805 ft.

Relative:
Lower

Actual:
107 ft.

MATTELL INC.
2031 MARIPOSA AVENUE
EL SEGUNDO, CA 90245

RCRA-LQG **1000472823**
FINDS **CAD982433401**
CA HWP
CA NPDES
CA WDS
ECHO

RCRA-LQG:
Date form received by agency: 02/24/2010
Facility name: MATTELL INC.
Facility address: 2031 MARIPOSA AVENUE
EL SEGUNDO, CA 90245
EPA ID: CAD982433401
Mailing address: CONTINENTAL BLVD
EL SEGUNDO, CA 90245
Contact: NAVREET UPPAL
Contact address: CONTINENTAL BLVD
EL SEGUNDO, CA 90245
Contact country: US
Contact telephone: (310) 252-3526
Contact email: NAVREET.UPPAL@MATTEL.COM
EPA Region: 09
Classification: Large Quantity Generator
Description: Handler: generates 1,000 kg or more of hazardous waste during any calendar month; or generates more than 1 kg of acutely hazardous waste during any calendar month; or generates more than 100 kg of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month; or generates 1 kg or less of acutely hazardous waste during any calendar month, and accumulates more than 1 kg of acutely hazardous waste at any time; or generates 100 kg or less

MATTELL INC. (Continued) **1000472823**

of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates more than 100 kg of that material at any time

Owner/Operator Summary:

Owner/operator name:	KILROY INDUSTRIES
Owner/operator address:	NOT REQUIRED
	NOT REQUIRED, ME 99999
Owner/operator country:	Not reported
Owner/operator telephone:	(415) 555-1212
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Owner/operator name:	MATTEL INC.
Owner/operator address:	CONTINENTAL BLVD
	EL SEGUNDO, CA 90245
Owner/operator country:	US
Owner/operator telephone:	(310) 252-2000
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	01/01/1991
Owner/Op end date:	Not reported

Owner/operator name:	MATTEL INC.
Owner/operator address:	CONTINENTAL BLVD
	EL SEGUNDO, CA 90245
Owner/operator country:	US
Owner/operator telephone:	(310) 252-2000
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	01/01/1991
Owner/Op end date:	Not reported

Owner/operator name:	NOT REQUIRED
Owner/operator address:	NOT REQUIRED
	NOT REQUIRED, ME 99999
Owner/operator country:	Not reported
Owner/operator telephone:	(415) 555-1212
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No

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Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Universal Waste Summary:
Waste type: Batteries
Accumulated waste on-site: Yes
Generated waste on-site: No

Waste type: Lamps
Accumulated waste on-site: Yes
Generated waste on-site: No

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: D002
. Waste name: CORROSIVE WASTE

. Waste code: D003
. Waste name: REACTIVE WASTE

. Waste code: D007
. Waste name: CHROMIUM

. Waste code: D009
. Waste name: MERCURY

. Waste code: D035
. Waste name: METHYL ETHYL KETONE

. Waste code: F003
. Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: U159
. Waste name: 2-BUTANONE (I,T) (OR) METHYL ETHYL KETONE (MEK) (I,T)

Historical Generators:
Date form received by agency: 02/20/2002
Site name: MATTEL, INC. DESIGN CENTER
Classification: Small Quantity Generator

Date form received by agency: 02/20/2002
Site name: MATTEL, INC. DESIGN CENTER

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Classification: Large Quantity Generator

. Waste code: 134
. Waste name: 134

. Waste code: 135
. Waste name: 135

. Waste code: 141
. Waste name: 141

. Waste code: 181
. Waste name: 181

. Waste code: 211
. Waste name: 211

. Waste code: 212
. Waste name: 212

. Waste code: 213
. Waste name: 213

. Waste code: 331
. Waste name: 331

. Waste code: 343
. Waste name: 343

. Waste code: 352
. Waste name: 352

. Waste code: 541
. Waste name: 541

. Waste code: 551
. Waste name: 551

. Waste code: 726
. Waste name: 726

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: D002
. Waste name: CORROSIVE WASTE

. Waste code: D005
. Waste name: BARIUM

. Waste code: D007
. Waste name: CHROMIUM

. Waste code: D008
. Waste name: LEAD

. Waste code: D011

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. Waste name: SILVER

. Waste code: D035
. Waste name: METHYL ETHYL KETONE

. Waste code: F002
. Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F003
. Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F005
. Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Date form received by agency: 10/12/2000
Site name: MATTEL DESIGN CENTER
Classification: Large Quantity Generator

Date form received by agency: 04/15/1999
Site name: MATTEL, INC.
Classification: Large Quantity Generator

Date form received by agency: 12/05/1990
Site name: MATTEL TOYS DESIGN CENTER
Classification: Small Quantity Generator

Violation Status: No violations found

FINDS:

Registry ID: 110000784982

Environmental Interest/Information System
AIR EMISSIONS CLASSIFICATION UNKNOWN

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RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

HAZARDOUS WASTE BIENNIAL REPORTER

HWP:

EPA Id:	CAD009687336
Cleanup Status:	PROTECTIVE FILER
Latitude:	34.03808
Longitude:	-118.2983
Facility Type:	Historical - Non-Operating
Facility Size:	Not reported
Team:	Not reported
Supervisor:	Not reported
Site Code:	Not reported
Assembly District:	53
Senate District:	24
Public Information Officer:	Not reported
Public Information Officer:	Not reported

Activities:

EPA Id:	CAD009687336
Facility Type:	Historical - Non-Operating
Unit Names:	CONTAIN1, INCIN1, TANKSTR1, TANKTRT1
Event Description:	Protective Filer Status - PROTECTIVE FILER (RECEIVED)
Actual Date:	07/21/1988

EPA Id:	CAD009687336
Facility Type:	Historical - Non-Operating
Unit Names:	CONTAIN1, INCIN1, TANKSTR1, TANKTRT1
Event Description:	Protective Filer Status - PROTECTIVE FILER (APPROVED)
Actual Date:	06/25/1984

NPDES:

Npdes Number:	CAS000001
Facility Status:	Active
Agency Id:	0
Region:	4
Regulatory Measure Id:	188987
Order No:	97-03-DWQ
Regulatory Measure Type:	Enrollee
Place Id:	Not reported
WDID:	4 19I002527
Program Type:	Industrial
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	04/01/1992
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	Mattel Toys
Discharge Address:	333 Continental Blvd M1 0530
Discharge City:	El Segundo

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Discharge State:	California
Discharge Zip:	90245
RECEIVED DATE:	Not reported
PROCESSED DATE:	Not reported
STATUS CODE NAME:	Not reported
STATUS DATE:	Not reported
PLACE SIZE:	Not reported
PLACE SIZE UNIT:	Not reported
FACILITY CONTACT NAME:	Not reported
FACILITY CONTACT TITLE:	Not reported
FACILITY CONTACT PHONE:	Not reported
FACILITY CONTACT PHONE EXT:	Not reported
FACILITY CONTACT EMAIL:	Not reported
OPERATOR NAME:	Not reported
OPERATOR ADDRESS:	Not reported
OPERATOR CITY:	Not reported
OPERATOR STATE:	Not reported
OPERATOR ZIP:	Not reported
OPERATOR CONTACT NAME:	Not reported
OPERATOR CONTACT TITLE:	Not reported
OPERATOR CONTACT PHONE:	Not reported
OPERATOR CONTACT PHONE EXT:	Not reported
OPERATOR CONTACT EMAIL:	Not reported
OPERATOR TYPE:	Not reported
DEVELOPER NAME:	Not reported
DEVELOPER ADDRESS:	Not reported
DEVELOPER CITY:	Not reported
DEVELOPER STATE:	Not reported
DEVELOPER ZIP:	Not reported
DEVELOPER CONTACT NAME:	Not reported
DEVELOPER CONTACT TITLE:	Not reported
CONSTYPE LINEAR UTILITY IND:	Not reported
EMERGENCY PHONE NO:	Not reported
EMERGENCY PHONE EXT:	Not reported
CONSTYPE ABOVE GROUND IND:	Not reported
CONSTYPE BELOW GROUND IND:	Not reported
CONSTYPE CABLE LINE IND:	Not reported
CONSTYPE COMM LINE IND:	Not reported
CONSTYPE COMMERTIAL IND:	Not reported
CONSTYPE ELECTRICAL LINE IND:	Not reported
CONSTYPE GAS LINE IND:	Not reported
CONSTYPE INDUSTRIAL IND:	Not reported
CONSTYPE OTHER DESRIPTION:	Not reported
CONSTYPE OTHER IND:	Not reported
CONSTYPE RECONS IND:	Not reported
CONSTYPE RESIDENTIAL IND:	Not reported
CONSTYPE TRANSPORT IND:	Not reported
CONSTYPE UTILITY DESCRIPTION:	Not reported
CONSTYPE UTILITY IND:	Not reported
CONSTYPE WATER SEWER IND:	Not reported
DIR DISCHARGE USWATER IND:	Not reported
RECEIVING WATER NAME:	Not reported
CERTIFIER NAME:	Not reported
CERTIFIER TITLE:	Not reported
CERTIFICATION DATE:	Not reported
PRIMARY SIC:	Not reported
SECONDARY SIC:	Not reported

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TERTIARY SIC:	Not reported
Npdes Number:	Not reported
Facility Status:	Not reported
Agency Id:	Not reported
Region:	4
Regulatory Measure Id:	188987
Order No:	Not reported
Regulatory Measure Type:	Industrial
Place Id:	Not reported
WDID:	4 19I002527
Program Type:	Not reported
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	Not reported
Discharge Address:	Not reported
Discharge City:	Not reported
Discharge State:	Not reported
Discharge Zip:	Not reported
RECEIVED DATE:	5/9/2008
PROCESSED DATE:	4/1/1992
STATUS CODE NAME:	Active
STATUS DATE:	4/1/1992
PLACE SIZE:	9
PLACE SIZE UNIT:	Acres
FACILITY CONTACT NAME:	Sarah Levine
FACILITY CONTACT TITLE:	Associate Manager EHS
FACILITY CONTACT PHONE:	310-252-4894
FACILITY CONTACT PHONE EXT:	Not reported
FACILITY CONTACT EMAIL:	sarah.levine@mattel.com
OPERATOR NAME:	Mattel Toys
OPERATOR ADDRESS:	333 Continental Blvd M1 0530
OPERATOR CITY:	El Segundo
OPERATOR STATE:	California
OPERATOR ZIP:	90245
OPERATOR CONTACT NAME:	Sarah Levine
OPERATOR CONTACT TITLE:	Associate Manager EHS
OPERATOR CONTACT PHONE:	310-252-4894
OPERATOR CONTACT PHONE EXT:	Not reported
OPERATOR CONTACT EMAIL:	sarah.levine@mattel.com
OPERATOR TYPE:	Private Business
DEVELOPER NAME:	Not reported
DEVELOPER ADDRESS:	Not reported
DEVELOPER CITY:	Not reported
DEVELOPER STATE:	California
DEVELOPER ZIP:	Not reported
DEVELOPER CONTACT NAME:	Not reported
DEVELOPER CONTACT TITLE:	Not reported
CONSTYPE LINEAR UTILITY IND:	Not reported
EMERGENCY PHONE NO:	310-252-4500
EMERGENCY PHONE EXT:	Not reported
CONSTYPE ABOVE GROUND IND:	Not reported
CONSTYPE BELOW GROUND IND:	Not reported
CONSTYPE CABLE LINE IND:	Not reported
CONSTYPE COMM LINE IND:	Not reported

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CONSTYPE COMMERTIAL IND:	Not reported
CONSTYPE ELECTRICAL LINE IND:	Not reported
CONSTYPE GAS LINE IND:	Not reported
CONSTYPE INDUSTRIAL IND:	Not reported
CONSTYPE OTHER DESRIPTION:	Not reported
CONSTYPE OTHER IND:	Not reported
CONSTYPE RECONS IND:	Not reported
CONSTYPE RESIDENTIAL IND:	Not reported
CONSTYPE TRANSPORT IND:	Not reported
CONSTYPE UTILITY DESCRIPTION:	Not reported
CONSTYPE UTILITY IND:	Not reported
CONSTYPE WATER SEWER IND:	Not reported
DIR DISCHARGE USWATER IND:	N
RECEIVING WATER NAME:	San Pedro Bay
CERTIFIER NAME:	Sarah Levine
CERTIFIER TITLE:	Associate Manager EHS
CERTIFICATION DATE:	13-MAY-15
PRIMARY SIC:	3942-Dolls and Stuffed Toys
SECONDARY SIC:	3545-Cutting Tools, Machine Tool Accessories, and Machinists' Precision Measuring Devic
TERTIARY SIC:	3944-Games, Toys, and Children's Vehicles, Except Dolls and Bicycles

WDS:

Facility ID:	4 19I002527
Facility Type:	Industrial - Facility that treats and/or disposes of liquid or semisolid wastes from any servicing, producing, manufacturing or processing operation of whatever nature, including mining, gravel washing, geothermal operations, air conditioning, ship building and repairing, oil production, storage and disposal operations, water pumping.
Facility Status:	Active - Any facility with a continuous or seasonal discharge that is under Waste Discharge Requirements.
NPDES Number:	CAS000001 The 1st 2 characters designate the state. The remaining 7 are assigned by the Regional Board
Subregion:	4
Facility Telephone:	3102523570
Facility Contact:	TOM BOXWELL
Agency Name:	MATTEL TOYS INC.
Agency Address:	333 Continental Blvd.
Agency City,St,Zip:	El Segundo 902455012
Agency Contact:	TOM BOXWELL
Agency Telephone:	3102523570
Agency Type:	Private
SIC Code:	0
SIC Code 2:	Not reported
Primary Waste Type:	Not reported
Primary Waste:	Not reported
Waste Type2:	Not reported
Waste2:	Not reported
Primary Waste Type:	Not reported
Secondary Waste:	Not reported
Secondary Waste Type:	Not reported
Design Flow:	0
Baseline Flow:	0
Reclamation:	Not reported
POTW:	The facility is not a POTW.
Treat To Water:	Minor Threat to Water Quality. A violation of a regional board order should cause a relatively minor impairment of beneficial uses compared

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to a major or minor threat. Not: All nurds without a TTWQ will be considered a minor threat to water quality unless coded at a higher Level. A Zero (0) may be used to code those NURDS that are found to represent no threat to water quality.

Complexity: Category C - Facilities having no waste treatment systems, such as cooling water dischargers or thosewho must comply through best management practices, facilities with passive waste treatment and disposal systems, such as septic systems with subsurface disposal, or dischargers having waste storage systems with land disposal such as dairy waste ponds.

ECHO:
Envid: 1000472823
Registry ID: 110000784982
DFR URL: http://echo.epa.gov/detailed_facility_report?fid=110000784982

S82 **RAYTHEON COMPANY - EL SEGUNDO** **CA SWEEPS UST** **1000240981**
ESE **2000 EAST EL SEGUNDO BOULEVARD** **CA CHMIRS** **N/A**
1/2-1 **EL SEGUNDO, CA 90245** **CA Financial Assurance**
0.548 mi. **CA HWP**
2894 ft. **Site 1 of 2 in cluster S**

Relative: Higher

Actual: 129 ft.

SWEEPS UST:
Status: Not reported
Comp Number: 10917
Number: Not reported
Board Of Equalization: 44-009072
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 19-000-010917-000001
Tank Status: Not reported
Capacity: 1000
Active Date: Not reported
Tank Use: CHEMICAL
STG: WASTE
Content: Not reported
Number Of Tanks: 12

Status: Not reported
Comp Number: 10917
Number: Not reported
Board Of Equalization: 44-009072
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 19-000-010917-000003
Tank Status: Not reported
Capacity: 1000
Active Date: Not reported
Tank Use: CHEMICAL
STG: WASTE
Content: Not reported
Number Of Tanks: Not reported

RAYTHEON COMPANY - EL SEGUNDO (Continued) **1000240981**

Status:	Not reported
Comp Number:	10917
Number:	Not reported
Board Of Equalization:	44-009072
Referral Date:	Not reported
Action Date:	Not reported
Created Date:	Not reported
Owner Tank Id:	Not reported
SWRCB Tank Id:	19-000-010917-000004
Tank Status:	Not reported
Capacity:	1000
Active Date:	Not reported
Tank Use:	CHEMICAL
STG:	WASTE
Content:	Not reported
Number Of Tanks:	Not reported

Status:	Not reported
Comp Number:	10917
Number:	Not reported
Board Of Equalization:	44-009072
Referral Date:	Not reported
Action Date:	Not reported
Created Date:	Not reported
Owner Tank Id:	Not reported
SWRCB Tank Id:	19-000-010917-000005
Tank Status:	Not reported
Capacity:	1000
Active Date:	Not reported
Tank Use:	CHEMICAL
STG:	WASTE
Content:	Not reported
Number Of Tanks:	Not reported

Status:	Not reported
Comp Number:	10917
Number:	Not reported
Board Of Equalization:	44-009072
Referral Date:	Not reported
Action Date:	Not reported
Created Date:	Not reported
Owner Tank Id:	Not reported
SWRCB Tank Id:	19-000-010917-000006
Tank Status:	Not reported
Capacity:	1000
Active Date:	Not reported
Tank Use:	CHEMICAL
STG:	WASTE
Content:	Not reported
Number Of Tanks:	Not reported

Status:	Not reported
Comp Number:	10917
Number:	Not reported
Board Of Equalization:	44-009072
Referral Date:	Not reported
Action Date:	Not reported

RAYTHEON COMPANY - EL SEGUNDO (Continued) **1000240981**

Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 19-000-010917-000007
Tank Status: Not reported
Capacity: 1000
Active Date: Not reported
Tank Use: CHEMICAL
STG: WASTE
Content: Not reported
Number Of Tanks: Not reported

Status: Not reported
Comp Number: 10917
Number: Not reported
Board Of Equalization: 44-009072
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 19-000-010917-000041
Tank Status: Not reported
Capacity: 1
Active Date: Not reported
Tank Use: UNKNOWN
STG: PRODUCT
Content: Not reported
Number Of Tanks: Not reported

Status: Not reported
Comp Number: 10917
Number: Not reported
Board Of Equalization: 44-009072
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 19-000-010917-000042
Tank Status: Not reported
Capacity: 1
Active Date: Not reported
Tank Use: UNKNOWN
STG: PRODUCT
Content: Not reported
Number Of Tanks: Not reported

Status: Not reported
Comp Number: 10917
Number: Not reported
Board Of Equalization: 44-009072
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 19-000-010917-000043
Tank Status: Not reported
Capacity: 1
Active Date: Not reported

RAYTHEON COMPANY - EL SEGUNDO (Continued) **1000240981**

Tank Use: UNKNOWN
STG: PRODUCT
Content: Not reported
Number Of Tanks: Not reported

Status: Not reported
Comp Number: 10917
Number: Not reported
Board Of Equalization: 44-009072
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 19-000-010917-000044
Tank Status: Not reported
Capacity: 1
Active Date: Not reported
Tank Use: UNKNOWN
STG: PRODUCT
Content: Not reported
Number Of Tanks: Not reported

Status: Not reported
Comp Number: 10917
Number: Not reported
Board Of Equalization: 44-009072
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 19-000-010917-000045
Tank Status: Not reported
Capacity: 1
Active Date: Not reported
Tank Use: UNKNOWN
STG: PRODUCT
Content: Not reported
Number Of Tanks: Not reported

Status: Not reported
Comp Number: 10917
Number: Not reported
Board Of Equalization: 44-009072
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 19-000-010917-000046
Tank Status: Not reported
Capacity: 1
Active Date: Not reported
Tank Use: UNKNOWN
STG: PRODUCT
Content: Not reported
Number Of Tanks: Not reported

Status: Active

RAYTHEON COMPANY - EL SEGUNDO (Continued) **1000240981**

Comp Number: 10917
Number: 1
Board Of Equalization: 44-009072
Referral Date: 05-30-90
Action Date: 05-30-90
Created Date: 06-30-89
Owner Tank Id: Not reported
SWRCB Tank Id: 19-000-010917-000002
Tank Status: A
Capacity: Not reported
Active Date: 06-30-89
Tank Use: UNKNOWN
STG: W
Content: Not reported
Number Of Tanks: 34

Status: Active
Comp Number: 10917
Number: 1
Board Of Equalization: 44-009072
Referral Date: 05-30-90
Action Date: 05-30-90
Created Date: 06-30-89
Owner Tank Id: Not reported
SWRCB Tank Id: 19-000-010917-000008
Tank Status: A
Capacity: Not reported
Active Date: 06-30-89
Tank Use: UNKNOWN
STG: W
Content: Not reported
Number Of Tanks: Not reported

Status: Active
Comp Number: 10917
Number: 1
Board Of Equalization: 44-009072
Referral Date: 05-30-90
Action Date: 05-30-90
Created Date: 06-30-89
Owner Tank Id: Not reported
SWRCB Tank Id: 19-000-010917-000009
Tank Status: A
Capacity: Not reported
Active Date: 06-30-89
Tank Use: UNKNOWN
STG: W
Content: Not reported
Number Of Tanks: Not reported

Status: Active
Comp Number: 10917
Number: 1
Board Of Equalization: 44-009072
Referral Date: 05-30-90
Action Date: 05-30-90
Created Date: 06-30-89

RAYTHEON COMPANY - EL SEGUNDO (Continued) **1000240981**

Owner Tank Id: Not reported
SWRCB Tank Id: 19-000-010917-000010
Tank Status: A
Capacity: Not reported
Active Date: 06-30-89
Tank Use: UNKNOWN
STG: W
Content: Not reported
Number Of Tanks: Not reported

Status: Active
Comp Number: 10917
Number: 1
Board Of Equalization: 44-009072
Referral Date: 05-30-90
Action Date: 05-30-90
Created Date: 06-30-89
Owner Tank Id: Not reported
SWRCB Tank Id: 19-000-010917-000011
Tank Status: A
Capacity: Not reported
Active Date: 06-30-89
Tank Use: UNKNOWN
STG: W
Content: Not reported
Number Of Tanks: Not reported

Status: Active
Comp Number: 10917
Number: 1
Board Of Equalization: 44-009072
Referral Date: 05-30-90
Action Date: 05-30-90
Created Date: 06-30-89
Owner Tank Id: Not reported
SWRCB Tank Id: 19-000-010917-000012
Tank Status: A
Capacity: Not reported
Active Date: 06-30-89
Tank Use: UNKNOWN
STG: W
Content: Not reported
Number Of Tanks: Not reported

Status: Active
Comp Number: 10917
Number: 1
Board Of Equalization: 44-009072
Referral Date: 05-30-90
Action Date: 05-30-90
Created Date: 06-30-89
Owner Tank Id: Not reported
SWRCB Tank Id: 19-000-010917-000013
Tank Status: A
Capacity: Not reported
Active Date: 06-30-89
Tank Use: UNKNOWN

RAYTHEON COMPANY - EL SEGUNDO (Continued) **1000240981**

STG: W
Content: Not reported
Number Of Tanks: Not reported

Status: Active
Comp Number: 10917
Number: 1
Board Of Equalization: 44-009072
Referral Date: 05-30-90
Action Date: 05-30-90
Created Date: 06-30-89
Owner Tank Id: Not reported
SWRCB Tank Id: 19-000-010917-000014
Tank Status: A
Capacity: Not reported
Active Date: 06-30-89
Tank Use: UNKNOWN
STG: W
Content: Not reported
Number Of Tanks: Not reported

Status: Active
Comp Number: 10917
Number: 1
Board Of Equalization: 44-009072
Referral Date: 05-30-90
Action Date: 05-30-90
Created Date: 06-30-89
Owner Tank Id: Not reported
SWRCB Tank Id: 19-000-010917-000015
Tank Status: A
Capacity: Not reported
Active Date: 06-30-89
Tank Use: UNKNOWN
STG: W
Content: Not reported
Number Of Tanks: Not reported

Status: Active
Comp Number: 10917
Number: 1
Board Of Equalization: 44-009072
Referral Date: 05-30-90
Action Date: 05-30-90
Created Date: 06-30-89
Owner Tank Id: Not reported
SWRCB Tank Id: 19-000-010917-000016
Tank Status: A
Capacity: Not reported
Active Date: 06-30-89
Tank Use: UNKNOWN
STG: W
Content: Not reported
Number Of Tanks: Not reported

Status: Active
Comp Number: 10917

RAYTHEON COMPANY - EL SEGUNDO (Continued) **1000240981**

Number: 1
Board Of Equalization: 44-009072
Referral Date: 05-30-90
Action Date: 05-30-90
Created Date: 06-30-89
Owner Tank Id: Not reported
SWRCB Tank Id: 19-000-010917-000017
Tank Status: A
Capacity: Not reported
Active Date: 06-30-89
Tank Use: UNKNOWN
STG: W
Content: Not reported
Number Of Tanks: Not reported

Status: Active
Comp Number: 10917
Number: 1
Board Of Equalization: 44-009072
Referral Date: 05-30-90
Action Date: 05-30-90
Created Date: 06-30-89
Owner Tank Id: Not reported
SWRCB Tank Id: 19-000-010917-000018
Tank Status: A
Capacity: Not reported
Active Date: 06-30-89
Tank Use: UNKNOWN
STG: W
Content: Not reported
Number Of Tanks: Not reported

Status: Active
Comp Number: 10917
Number: 1
Board Of Equalization: 44-009072
Referral Date: 05-30-90
Action Date: 05-30-90
Created Date: 06-30-89
Owner Tank Id: Not reported
SWRCB Tank Id: 19-000-010917-000019
Tank Status: A
Capacity: Not reported
Active Date: 06-30-89
Tank Use: UNKNOWN
STG: W
Content: Not reported
Number Of Tanks: Not reported

Status: Active
Comp Number: 10917
Number: 1
Board Of Equalization: 44-009072
Referral Date: 05-30-90
Action Date: 05-30-90
Created Date: 06-30-89
Owner Tank Id: Not reported

RAYTHEON COMPANY - EL SEGUNDO (Continued) **1000240981**

SWRCB Tank Id: 19-000-010917-000020
Tank Status: A
Capacity: Not reported
Active Date: 06-30-89
Tank Use: UNKNOWN
STG: W
Content: Not reported
Number Of Tanks: Not reported

Status: Active
Comp Number: 10917
Number: 1
Board Of Equalization: 44-009072
Referral Date: 05-30-90
Action Date: 05-30-90
Created Date: 06-30-89
Owner Tank Id: Not reported
SWRCB Tank Id: 19-000-010917-000021
Tank Status: A
Capacity: Not reported
Active Date: 06-30-89
Tank Use: UNKNOWN
STG: W
Content: Not reported
Number Of Tanks: Not reported

Status: Active
Comp Number: 10917
Number: 1
Board Of Equalization: 44-009072
Referral Date: 05-30-90
Action Date: 05-30-90
Created Date: 06-30-89
Owner Tank Id: Not reported
SWRCB Tank Id: 19-000-010917-000022
Tank Status: A
Capacity: Not reported
Active Date: 06-30-89
Tank Use: UNKNOWN
STG: W
Content: Not reported
Number Of Tanks: Not reported

Status: Active
Comp Number: 10917
Number: 1
Board Of Equalization: 44-009072
Referral Date: 05-30-90
Action Date: 05-30-90
Created Date: 06-30-89
Owner Tank Id: Not reported
SWRCB Tank Id: 19-000-010917-000023
Tank Status: A
Capacity: Not reported
Active Date: 06-30-89
Tank Use: UNKNOWN
STG: W

RAYTHEON COMPANY - EL SEGUNDO (Continued) **1000240981**

Content: Not reported
Number Of Tanks: Not reported

Status: Active
Comp Number: 10917
Number: 1
Board Of Equalization: 44-009072
Referral Date: 05-30-90
Action Date: 05-30-90
Created Date: 06-30-89
Owner Tank Id: Not reported
SWRCB Tank Id: 19-000-010917-000024
Tank Status: A
Capacity: Not reported
Active Date: 06-30-89
Tank Use: UNKNOWN
STG: W
Content: Not reported
Number Of Tanks: Not reported

Status: Active
Comp Number: 10917
Number: 1
Board Of Equalization: 44-009072
Referral Date: 05-30-90
Action Date: 05-30-90
Created Date: 06-30-89
Owner Tank Id: Not reported
SWRCB Tank Id: 19-000-010917-000025
Tank Status: A
Capacity: Not reported
Active Date: 06-30-89
Tank Use: UNKNOWN
STG: W
Content: Not reported
Number Of Tanks: Not reported

Status: Active
Comp Number: 10917
Number: 1
Board Of Equalization: 44-009072
Referral Date: 05-30-90
Action Date: 05-30-90
Created Date: 06-30-89
Owner Tank Id: Not reported
SWRCB Tank Id: 19-000-010917-000026
Tank Status: A
Capacity: Not reported
Active Date: 06-30-89
Tank Use: UNKNOWN
STG: W
Content: Not reported
Number Of Tanks: Not reported

Status: Active
Comp Number: 10917
Number: 1

RAYTHEON COMPANY - EL SEGUNDO (Continued) **1000240981**

Board Of Equalization: 44-009072
Referral Date: 05-30-90
Action Date: 05-30-90
Created Date: 06-30-89
Owner Tank Id: Not reported
SWRCB Tank Id: 19-000-010917-000027
Tank Status: A
Capacity: Not reported
Active Date: 06-30-89
Tank Use: UNKNOWN
STG: W
Content: Not reported
Number Of Tanks: Not reported

Status: Active
Comp Number: 10917
Number: 1
Board Of Equalization: 44-009072
Referral Date: 05-30-90
Action Date: 05-30-90
Created Date: 06-30-89
Owner Tank Id: Not reported
SWRCB Tank Id: 19-000-010917-000028
Tank Status: A
Capacity: Not reported
Active Date: 06-30-89
Tank Use: UNKNOWN
STG: W
Content: Not reported
Number Of Tanks: Not reported

Status: Active
Comp Number: 10917
Number: 1
Board Of Equalization: 44-009072
Referral Date: 05-30-90
Action Date: 05-30-90
Created Date: 06-30-89
Owner Tank Id: Not reported
SWRCB Tank Id: 19-000-010917-000029
Tank Status: A
Capacity: Not reported
Active Date: 06-30-89
Tank Use: UNKNOWN
STG: W
Content: Not reported
Number Of Tanks: Not reported

Status: Active
Comp Number: 10917
Number: 1
Board Of Equalization: 44-009072
Referral Date: 05-30-90
Action Date: 05-30-90
Created Date: 06-30-89
Owner Tank Id: Not reported
SWRCB Tank Id: 19-000-010917-000030

RAYTHEON COMPANY - EL SEGUNDO (Continued) **1000240981**

Tank Status: A
Capacity: Not reported
Active Date: 06-30-89
Tank Use: UNKNOWN
STG: W
Content: Not reported
Number Of Tanks: Not reported

Status: Active
Comp Number: 10917
Number: 1
Board Of Equalization: 44-009072
Referral Date: 05-30-90
Action Date: 05-30-90
Created Date: 06-30-89
Owner Tank Id: Not reported
SWRCB Tank Id: 19-000-010917-000031
Tank Status: A
Capacity: Not reported
Active Date: 06-30-89
Tank Use: UNKNOWN
STG: W
Content: Not reported
Number Of Tanks: Not reported

Status: Active
Comp Number: 10917
Number: 1
Board Of Equalization: 44-009072
Referral Date: 05-30-90
Action Date: 05-30-90
Created Date: 06-30-89
Owner Tank Id: Not reported
SWRCB Tank Id: 19-000-010917-000032
Tank Status: A
Capacity: Not reported
Active Date: 06-30-89
Tank Use: UNKNOWN
STG: W
Content: Not reported
Number Of Tanks: Not reported

Status: Active
Comp Number: 10917
Number: 1
Board Of Equalization: 44-009072
Referral Date: 05-30-90
Action Date: 05-30-90
Created Date: 06-30-89
Owner Tank Id: Not reported
SWRCB Tank Id: 19-000-010917-000033
Tank Status: A
Capacity: Not reported
Active Date: 06-30-89
Tank Use: UNKNOWN
STG: W
Content: Not reported

RAYTHEON COMPANY - EL SEGUNDO (Continued) **1000240981**

Number Of Tanks: Not reported

Status: Active
Comp Number: 10917
Number: 1
Board Of Equalization: 44-009072
Referral Date: 05-30-90
Action Date: 05-30-90
Created Date: 06-30-89
Owner Tank Id: Not reported
SWRCB Tank Id: 19-000-010917-000034
Tank Status: A
Capacity: Not reported
Active Date: 06-30-89
Tank Use: UNKNOWN
STG: W
Content: Not reported
Number Of Tanks: Not reported

Status: Active
Comp Number: 10917
Number: 1
Board Of Equalization: 44-009072
Referral Date: 05-30-90
Action Date: 05-30-90
Created Date: 06-30-89
Owner Tank Id: Not reported
SWRCB Tank Id: 19-000-010917-000035
Tank Status: A
Capacity: Not reported
Active Date: 06-30-89
Tank Use: UNKNOWN
STG: W
Content: Not reported
Number Of Tanks: Not reported

Status: Active
Comp Number: 10917
Number: 1
Board Of Equalization: 44-009072
Referral Date: 05-30-90
Action Date: 05-30-90
Created Date: 06-30-89
Owner Tank Id: Not reported
SWRCB Tank Id: 19-000-010917-000036
Tank Status: A
Capacity: Not reported
Active Date: 06-30-89
Tank Use: UNKNOWN
STG: W
Content: Not reported
Number Of Tanks: Not reported

Status: Active
Comp Number: 10917
Number: 1
Board Of Equalization: 44-009072

RAYTHEON COMPANY - EL SEGUNDO (Continued) **1000240981**

Referral Date: 05-30-90
Action Date: 05-30-90
Created Date: 06-30-89
Owner Tank Id: Not reported
SWRCB Tank Id: 19-000-010917-000037
Tank Status: A
Capacity: Not reported
Active Date: 06-30-89
Tank Use: UNKNOWN
STG: W
Content: Not reported
Number Of Tanks: Not reported

Status: Active
Comp Number: 10917
Number: 1
Board Of Equalization: 44-009072
Referral Date: 05-30-90
Action Date: 05-30-90
Created Date: 06-30-89
Owner Tank Id: Not reported
SWRCB Tank Id: 19-000-010917-000038
Tank Status: A
Capacity: Not reported
Active Date: 06-30-89
Tank Use: UNKNOWN
STG: W
Content: Not reported
Number Of Tanks: Not reported

Status: Active
Comp Number: 10917
Number: 1
Board Of Equalization: 44-009072
Referral Date: 05-30-90
Action Date: 05-30-90
Created Date: 06-30-89
Owner Tank Id: Not reported
SWRCB Tank Id: 19-000-010917-000039
Tank Status: A
Capacity: Not reported
Active Date: 06-30-89
Tank Use: UNKNOWN
STG: W
Content: Not reported
Number Of Tanks: Not reported

Status: Active
Comp Number: 10917
Number: 1
Board Of Equalization: 44-009072
Referral Date: 05-30-90
Action Date: 05-30-90
Created Date: 06-30-89
Owner Tank Id: Not reported
SWRCB Tank Id: 19-000-010917-000040
Tank Status: A

RAYTHEON COMPANY - EL SEGUNDO (Continued) **1000240981**

Capacity:	Not reported
Active Date:	06-30-89
Tank Use:	UNKNOWN
STG:	W
Content:	Not reported
Number Of Tanks:	Not reported

CHMIRS:

OES Incident Number:	10-5897
OES notification:	09/30/2010
OES Date:	Not reported
OES Time:	Not reported
Date Completed:	**Not reported**
Property Use:	Not reported
Agency Id Number:	Not reported
Agency Incident Number:	Not reported
Time Notified:	Not reported
Time Completed:	Not reported
Surrounding Area:	Not reported
Estimated Temperature:	Not reported
Property Management:	Not reported
More Than Two Substances Involved?:	Not reported
Resp Agncy Personel # Of Decontaminated:	Not reported
Responding Agency Personel # Of Injuries:	Not reported
Responding Agency Personel # Of Fatalities:	Not reported
Others Number Of Decontaminated:	Not reported
Others Number Of Injuries:	Not reported
Others Number Of Fatalities:	Not reported
Vehicle Make/year:	Not reported
Vehicle License Number:	Not reported
Vehicle State:	Not reported
Vehicle Id Number:	Not reported
CA DOT PUC/ICC Number:	Not reported
Company Name:	Not reported
Reporting Officer Name/ID:	Not reported
Report Date:	Not reported
Facility Telephone:	Not reported
Waterway Involved:	No
Waterway:	Not reported
Spill Site:	Industrial Plant
Cleanup By:	Contractor
Containment:	Not reported
What Happened:	Not reported
Type:	Not reported
Measure:	Gal(s)
Other:	Not reported
Date/Time:	1010
Year:	2010
Agency:	Raytheon
Incident Date:	9/30/2010
Admin Agency:	El Segundo Fire Department
Amount:	Not reported
Contained:	Yes
Site Type:	Not reported
E Date:	Not reported
Substance:	Diesel
Quantity Released:	5

RAYTHEON COMPANY - EL SEGUNDO (Continued) **1000240981**

Unknown:	Not reported
Substance #2:	Not reported
Substance #3:	Not reported
Evacuations:	Not reported
Number of Injuries:	Not reported
Number of Fatalities:	Not reported
#1 Pipeline:	Not reported
#2 Pipeline:	Not reported
#3 Pipeline:	Not reported
#1 Vessel >= 300 Tons:	Not reported
#2 Vessel >= 300 Tons:	Not reported
#3 Vessel >= 300 Tons:	Not reported
Evacs:	Not reported
Injuries:	Not reported
Fatals:	Not reported
Comments:	Not reported
Description:	A leaking fuel return line from an underground storage tank system.
OES Incident Number:	08-8955
OES notification:	12/16/2008
OES Date:	Not reported
OES Time:	Not reported
Date Completed:	**Not reported**
Property Use:	Not reported
Agency Id Number:	Not reported
Agency Incident Number:	Not reported
Time Notified:	Not reported
Time Completed:	Not reported
Surrounding Area:	Not reported
Estimated Temperature:	Not reported
Property Management:	Not reported
More Than Two Substances Involved?:	Not reported
Resp Agncy Personel # Of Decontaminated:	Not reported
Responding Agency Personel # Of Injuries:	Not reported
Responding Agency Personel # Of Fatalities:	Not reported
Others Number Of Decontaminated:	Not reported
Others Number Of Injuries:	Not reported
Others Number Of Fatalities:	Not reported
Vehicle Make/year:	Not reported
Vehicle License Number:	Not reported
Vehicle State:	Not reported
Vehicle Id Number:	Not reported
CA DOT PUC/ICC Number:	Not reported
Company Name:	Not reported
Reporting Officer Name/ID:	Not reported
Report Date:	Not reported
Facility Telephone:	Not reported
Waterway Involved:	Yes
Waterway:	Storm drain
Spill Site:	Merchant/Business
Cleanup By:	Contractor
Containment:	Not reported
What Happened:	Not reported
Type:	Not reported
Measure:	Gal(s)
Other:	Not reported

RAYTHEON COMPANY - EL SEGUNDO (Continued) **1000240981**

Date/Time:	1420
Year:	2008
Agency:	Ratheon Company
Incident Date:	12/16/2008
Admin Agency:	El Segundo Fire Department
Amount:	Not reported
Contained:	Unknown
Site Type:	Storm drain
E Date:	Not reported
Substance:	Motor Oil
Quantity Released:	5
Unknown:	Not reported
Substance #2:	Not reported
Substance #3:	Not reported
Evacuations:	0
Number of Injuries:	0
Number of Fatalities:	0
#1 Pipeline:	Not reported
#2 Pipeline:	Not reported
#3 Pipeline:	Not reported
#1 Vessel >= 300 Tons:	Not reported
#2 Vessel >= 300 Tons:	Not reported
#3 Vessel >= 300 Tons:	Not reported
Evacs:	Not reported
Injuries:	Not reported
Fatals:	Not reported
Comments:	Not reported
Description:	RP advised his agency found an abandoned container with approximately 5 gallons of motor oil or crank oil in their parking lot.

CA Financial Assurance 1:

EPA ID Number:	CAD000633230
Sudden Amount1:	$2,000,000.00
Non Sudden Amount1:	Not reported
Closure Mechanism:	LOC
Closure Amount:	$921,482.00
Post Closure Mechanism:	Not reported
Post Closure Amount:	Not reported
Corrective Action Mechanism:	Not reported
Corrective Action Amount:	Not reported
Sudden Mechanism Type:	LOC
Sudden Mechanism Amount:	$1,000,000.00
Non Sudden Mechanism Type:	Not reported
Non Sudden Mechanism Amount:	Not reported
O and M Mechanism Type:	Not reported
O and M Amount:	Not reported

HWP:

EPA Id:	CAD000633230
Cleanup Status:	OPERATING PERMIT
Latitude:	33.91183
Longitude:	-118.3894
Facility Type:	Permitted - Operating
Facility Size:	Small Storage
Team:	PHILLIP BLUM

RAYTHEON COMPANY - EL SEGUNDO (Continued) **1000240981**

Supervisor: LIANG CHIANG
Site Code: 300331
Assembly District: 62
Senate District: 26
Public Information Officer: Not reported
Public Information Officer: Not reported

Activities:

EPA Id: CAD000633230
Facility Type: Permitted - Operating
Unit Names: CONTAIN1 (GPRA Unit)
Event Description: Renewal - No Changes - FINAL PERMIT RENEWAL (EXPIRES)
Actual Date: 10/08/2017

EPA Id: CAD000633230
Facility Type: Permitted - Operating
Unit Names: CONTAIN1 (GPRA Unit)
Event Description: Renewal - No Changes - FINAL PERMIT RENEWAL (EFFECTIVE)
Actual Date: 01/28/1997

EPA Id: CAD000633230
Facility Type: Permitted - Operating
Unit Names: Not reported
Event Description: Mod Class 1 - No Prior Approval Required - FINAL PERMIT MODIFICATION (EXPIRES)
Actual Date: 10/08/2017

EPA Id: CAD000633230
Facility Type: Permitted - Operating
Unit Names: Not reported
Event Description: Mod Class 1 - No Prior Approval Required - PUBLIC NOTICE BY PERMITTEE
Actual Date: 12/05/2013

EPA Id: CAD000633230
Facility Type: Permitted - Operating
Unit Names: CONTAIN1 (GPRA Unit)
Event Description: New Operating Permit - FINAL PERMIT (EFFECTIVE)
Actual Date: 06/28/1985

EPA Id: CAD000633230
Facility Type: Permitted - Operating
Unit Names: CONTAIN1 (GPRA Unit)
Event Description: Renewal - No Changes - PUBLIC COMMENT (BEGIN)
Actual Date: 06/14/1996

EPA Id: CAD000633230
Facility Type: Permitted - Operating
Unit Names: CONTAIN1 (GPRA Unit)
Event Description: New Operating Permit - APPLICATION PART B RECEIVED
Actual Date: 08/29/1983

EPA Id: CAD000633230
Facility Type: Permitted - Operating
Unit Names: CONTAIN1 (GPRA Unit)
Event Description: Renewal - No Changes - FINAL PERMIT RENEWAL (EXPIRES)
Actual Date: 01/27/2007

EPA Id: CAD000633230
Facility Type: Permitted - Operating

RAYTHEON COMPANY - EL SEGUNDO (Continued) **1000240981**

Unit Names: CONTAIN1 (GPRA Unit)
Event Description: New Operating Permit - FINAL PERMIT (EXPIRES)
Actual Date: 06/28/1990

EPA Id: CAD000633230
Facility Type: Permitted - Operating
Unit Names: CONTAIN1 (GPRA Unit)
Event Description: Renewal - No Changes - APPLICATION PART B RECEIVED
Actual Date: 06/12/1990

EPA Id: CAD000633230
Facility Type: Permitted - Operating
Unit Names: CONTAIN1 (GPRA Unit)
Event Description: Renewal - No Changes - 1ST NOTICE OF DEFICIENCY ISSUED
Actual Date: 11/18/1994

EPA Id: CAD000633230
Facility Type: Permitted - Operating
Unit Names: CONTAIN1 (GPRA Unit)
Event Description: Renewal - No Changes - TECHNICAL COMPLETE LETTER
Actual Date: 08/06/2007

EPA Id: CAD000633230
Facility Type: Permitted - Operating
Unit Names: Not reported
Event Description: Mod Class 1 - No Prior Approval Required - FINAL PERMIT MODIFICATION (EFFECTIVE)
Actual Date: 10/22/2013

EPA Id: CAD000633230
Facility Type: Permitted - Operating
Unit Names: Not reported
Event Description: Mod Class 1 - No Prior Approval Required - FINAL PERMIT MODIFICATION
Actual Date: 10/22/2013

EPA Id: CAD000633230
Facility Type: Permitted - Operating
Unit Names: CONTAIN1 (GPRA Unit)
Event Description: New Operating Permit - PUBLIC COMMENT (END)
Actual Date: 04/26/1985

EPA Id: CAD000633230
Facility Type: Permitted - Operating
Unit Names: CONTAIN1 (GPRA Unit)
Event Description: Renewal - No Changes - FINAL PART A & PART B RECEIVED
Actual Date: 06/22/1995

EPA Id: CAD000633230
Facility Type: Permitted - Operating
Unit Names: CONTAIN1 (GPRA Unit)
Event Description: Renewal - No Changes - DRAFT PERMIT RENEWAL
Actual Date: 08/17/2007

EPA Id: CAD000633230
Facility Type: Permitted - Operating
Unit Names: CONTAIN1 (GPRA Unit)
Event Description: Renewal - No Changes - FINAL PART A & PART B RECEIVED
Actual Date: 08/06/2007

RAYTHEON COMPANY - EL SEGUNDO (Continued) **1000240981**

EPA Id: CAD000633230
Facility Type: Permitted - Operating
Unit Names: CONTAIN1 (GPRA Unit)
Event Description: Renewal - No Changes - FINAL PERMIT RENEWAL
Actual Date: 10/09/2007

EPA Id: CAD000633230
Facility Type: Permitted - Operating
Unit Names: CONTAIN1 (GPRA Unit)
Event Description: Renewal - No Changes - APPLICATION PART B RECEIVED
Actual Date: 07/31/2006

EPA Id: CAD000633230
Facility Type: Permitted - Operating
Unit Names: CONTAIN1 (GPRA Unit)
Event Description: Renewal - No Changes - FINAL PERMIT RENEWAL (EFFECTIVE)
Actual Date: 10/09/2007

EPA Id: CAD000633230
Facility Type: Permitted - Operating
Unit Names: CONTAIN1 (GPRA Unit)
Event Description: Renewal - No Changes - PUBLIC COMMENT (BEGIN)
Actual Date: 08/17/2007

EPA Id: CAD000633230
Facility Type: Permitted - Operating
Unit Names: CONTAIN1 (GPRA Unit)
Event Description: Renewal - No Changes - CALL-IN LETTER ISSUED
Actual Date: 10/06/2015

EPA Id: CAD000633230
Facility Type: Permitted - Operating
Unit Names: CONTAIN1 (GPRA Unit)
Event Description: Renewal - No Changes - ADMINISTRATIVE REVIEW COMPLETE
Actual Date: 08/31/2006

EPA Id: CAD000633230
Facility Type: Permitted - Operating
Unit Names: CONTAIN1 (GPRA Unit)
Event Description: Renewal - No Changes - PUBLIC COMMENT (END)
Actual Date: 10/01/2007

EPA Id: CAD000633230
Facility Type: Permitted - Operating
Unit Names: CONTAIN1 (GPRA Unit)
Event Description: Renewal - No Changes - CALL-IN LETTER ISSUED
Actual Date: 04/06/2006

EPA Id: CAD000633230
Facility Type: Permitted - Operating
Unit Names: CONTAIN1 (GPRA Unit)
Event Description: Renewal - No Changes - FINAL PERMIT RENEWAL
Actual Date: 12/24/1996

EPA Id: CAD000633230
Facility Type: Permitted - Operating
Unit Names: CONTAIN1 (GPRA Unit)

RAYTHEON COMPANY - EL SEGUNDO (Continued) **1000240981**

Event Description: New Operating Permit - FINAL PERMIT
Actual Date: 06/28/1985

EPA Id: CAD000633230
Facility Type: Permitted - Operating
Unit Names: CONTAIN1 (GPRA Unit)
Event Description: Renewal - No Changes - PUBLIC COMMENT (END)
Actual Date: 07/29/1996

EPA Id: CAD000633230
Facility Type: Permitted - Operating
Unit Names: Not reported
Event Description: Mod Class 1 - No Prior Approval Required - MAILING LIST
Actual Date: 10/22/2013

EPA Id: CAD000633230
Facility Type: Permitted - Operating
Unit Names: CONTAIN1 (GPRA Unit)
Event Description: Renewal - No Changes - PUBLIC COMMENT (PUBLIC MEETING)
Actual Date: 09/12/2007

EPA Id: CAD000633230
Facility Type: Permitted - Operating
Unit Names: CONTAIN1 (GPRA Unit)
Event Description: New Operating Permit - APPLICATION PART A RECEIVED
Actual Date: 11/18/1980

EPA Id: CAD000633230
Facility Type: Permitted - Operating
Unit Names: CONTAIN1 (GPRA Unit)
Event Description: New Operating Permit - PUBLIC COMMENT (BEGIN)
Actual Date: 04/26/1985

EPA Id: CAD000633230
Facility Type: Permitted - Operating
Unit Names: CONTAIN1 (GPRA Unit)
Event Description: New Operating Permit - CALL-IN LETTER ISSUED
Actual Date: 03/07/1983

Alias:
EPA Id: CAD000633230
Facility Type: Permitted - Operating
Alias Type: Project Code (Site Code)
Alias: 300331

EPA Id: CAD000633230
Facility Type: Permitted - Operating
Alias Type: FRS
Alias: 110018947826

S83 **RAYTHEON COMPANY** **SEMS-ARCHIVE** **1015732613**
ESE **2000 E EL SEGUNDO BLVD** **CORRACTS** **CAD000633230**
1/2-1 **EL SEGUNDO, CA 90245** **RCRA-TSDF**
0.548 mi. **RCRA-LQG**
2894 ft. **Site 2 of 2 in cluster S** **US FIN ASSUR**
2020 COR ACTION
Relative: **NY MANIFEST**
Higher

Actual: SEMS-ARCHIVE:
129 ft.
Site ID: 903300
EPA ID: CAD000633230
Federal Facility: N
NPL: Not on the NPL
Non NPL Status: Deferred to RCRA

Following information was gathered from the prior CERCLIS update completed in 10/2013:
Site ID: 0903300
Federal Facility: Not a Federal Facility
NPL Status: Not on the NPL
Non NPL Status: Deferred to RCRA

CERCLIS-NFRAP Site Contact Details:
Contact Sequence ID: 13287491.00000
Person ID: 13003854.00000

Contact Sequence ID: 13293086.00000
Person ID: 13003858.00000

Contact Sequence ID: 13298944.00000
Person ID: 13004003.00000

Program Priority:
Description: RCRA Deferral - Lead Confirmed

CERCLIS-NFRAP Assessment History:
Action: PRELIMINARY ASSESSMENT
Date Started: / /
Date Completed: 09/12/91
Priority Level: Deferred to RCRA (Subtitle C)

Action: DISCOVERY
Date Started: / /
Date Completed: 05/21/91
Priority Level: Not reported

Action: ARCHIVE SITE
Date Started: / /
Date Completed: 01/23/96
Priority Level: Not reported

CORRACTS:

EPA ID: CAD000633230
EPA Region: 09
Area Name: ENTIRE FACILITY
Actual Date: 19910907
Action: CA029WQ

RAYTHEON COMPANY (Continued) **1015732613**

NAICS Code(s): 334419
Other Electronic Component Manufacturing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: CAD000633230
EPA Region: 09
Area Name: ENTIRE FACILITY
Actual Date: 19910907
Action: CA049PA
NAICS Code(s): 334419
Other Electronic Component Manufacturing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: CAD000633230
EPA Region: 09
Area Name: ENTIRE FACILITY
Actual Date: 19910907
Action: CA050 - RFA Completed
NAICS Code(s): 334419
Other Electronic Component Manufacturing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: CAD000633230
EPA Region: 09
Area Name: ENTIRE FACILITY
Actual Date: 19910907
Action: CA075LO - CA Prioritization, Facility or area was assigned a low corrective action priority
NAICS Code(s): 334419
Other Electronic Component Manufacturing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: CAD000633230
EPA Region: 09
Area Name: ENTIRE FACILITY
Actual Date: 20120319
Action: CA110 - RFI Workplan Received
NAICS Code(s): 334419
Other Electronic Component Manufacturing
Original schedule date: 20120228
Schedule end date: 20120531

EPA ID: CAD000633230
EPA Region: 09
Area Name: ENTIRE FACILITY
Actual Date: 20150921
Action: CA725YE - Current Human Exposures Under Control, Yes, Current Human Exposures Under Control has been verified
NAICS Code(s): 334419
Other Electronic Component Manufacturing
Original schedule date: 20151229
Schedule end date: Not reported

RAYTHEON COMPANY (Continued) **1015732613**

EPA ID: CAD000633230
EPA Region: 09
Area Name: ENTIRE FACILITY
Actual Date: 19920124
Action: CA225NR - Stabilization Measures Evaluation, This facility is, not amenable to stabilization activity at the, present time for reasons other than (1) it appears to be technically, infeasible or inappropriate (NF) or (2) there is a lack of technical, information (IN). Reasons for this conclusion may be the status of, closure at the facility, the degree of risk, timing considerations, the status of corrective action work at the facility, or other, administrative considerations
NAICS Code(s): 334419
Other Electronic Component Manufacturing
Original schedule date: 19920124
Schedule end date: Not reported

EPA ID: CAD000633230
EPA Region: 09
Area Name: ENTIRE FACILITY
Actual Date: 19920124
Action: CA075LO - CA Prioritization, Facility or area was assigned a low corrective action priority
NAICS Code(s): 334419
Other Electronic Component Manufacturing
Original schedule date: 19920124
Schedule end date: Not reported

EPA ID: CAD000633230
EPA Region: 09
Area Name: ENTIRE FACILITY
Actual Date: 20150324
Action: CA190 - RFI Report Received
NAICS Code(s): 334419
Other Electronic Component Manufacturing
Original schedule date: 20141231
Schedule end date: 20150301

EPA ID: CAD000633230
EPA Region: 09
Area Name: ENTIRE FACILITY
Actual Date: 20130625
Action: CA180 - RFI Supplemental Implementation Begun
NAICS Code(s): 334419
Other Electronic Component Manufacturing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: CAD000633230
EPA Region: 09
Area Name: ENTIRE FACILITY
Actual Date: 20120628
Action: CA150 - RFI Workplan Approved
NAICS Code(s): 334419
Other Electronic Component Manufacturing
Original schedule date: Not reported
Schedule end date: Not reported

RAYTHEON COMPANY (Continued) **1015732613**

EPA ID: CAD000633230
EPA Region: 09
Area Name: ENTIRE FACILITY
Actual Date: 20150529
Action: CA200 - RFI Approved
NAICS Code(s): 334419
Other Electronic Component Manufacturing
Original schedule date: Not reported
Schedule end date: Not reported

RCRA-TSDF:
Date form received by agency: 03/01/2014
Facility name: RAYTHEON COMPANY
Facility address: 2000 E EL SEGUNDO BLVD
EL SEGUNDO, CA 90245
EPA ID: CAD000633230
Mailing address: E EL SEGUNDO BLVD
EL SEGUNDO, CA 90245
Contact: JAYALAKSHMI M MOHAN
Contact address: E EL SEGUNDO BLVD
EL SEGUNDO, CA 90245
Contact country: Not reported
Contact telephone: (718) 768-3991
Contact email: MANJU.MOHAN@RAYTHEON.COM
EPA Region: 09
Land type: Private
Classification: TSDF
Description: Handler is engaged in the treatment, storage or disposal of hazardous waste
Classification: Large Quantity Generator
Description: Handler: generates 1,000 kg or more of hazardous waste during any calendar month; or generates more than 1 kg of acutely hazardous waste during any calendar month; or generates more than 100 kg of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month; or generates 1 kg or less of acutely hazardous waste during any calendar month, and accumulates more than 1 kg of acutely hazardous waste at any time; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates more than 100 kg of that material at any time

Owner/Operator Summary:
Owner/operator name: RAYTHEON COMPANY
Owner/operator address: WINTER ST
WALTHAM, MA 02451
Owner/operator country: US
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 12/18/1997
Owner/Op end date: Not reported

Owner/operator name: RAYTHEON COMPANY
Owner/operator address: WINTER ST

RAYTHEON COMPANY (Continued) **1015732613**

WALTHAM, MA 02451
Owner/operator country: Not reported
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 12/18/1997
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: Yes
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

. Waste code: 121
. Waste name: 121

. Waste code: 123
. Waste name: 123

. Waste code: 171
. Waste name: 171

. Waste code: 181
. Waste name: 181

. Waste code: 214
. Waste name: 214

. Waste code: 221
. Waste name: 221

. Waste code: 223
. Waste name: 223

. Waste code: 331
. Waste name: 331

. Waste code: 343
. Waste name: 343

. Waste code: 352
. Waste name: 352

. Waste code: 461
. Waste name: 461

RAYTHEON COMPANY (Continued) **1015732613**

. Waste code: 513
. Waste name: 513

. Waste code: 551
. Waste name: 551

. Waste code: 741
. Waste name: 741

. Waste code: 791
. Waste name: 791

. Waste code: 792
. Waste name: 792

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: D002
. Waste name: CORROSIVE WASTE

. Waste code: D003
. Waste name: REACTIVE WASTE

. Waste code: D004
. Waste name: ARSENIC

. Waste code: D005
. Waste name: BARIUM

. Waste code: D006
. Waste name: CADMIUM

. Waste code: D007
. Waste name: CHROMIUM

. Waste code: D008
. Waste name: LEAD

. Waste code: D009
. Waste name: MERCURY

. Waste code: D010
. Waste name: SELENIUM

. Waste code: D011
. Waste name: SILVER

. Waste code: D018
. Waste name: BENZENE

. Waste code: D035
. Waste name: METHYL ETHYL KETONE

. Waste code: F001
. Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS USED IN DEGREASING: TETRACHLOROETHYLENE, TRICHLORETHYLENE, METHYLENE CHLORIDE,

RAYTHEON COMPANY (Continued) **1015732613**

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.

. Waste code: F002
. Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F003
. Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F005
. Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F006
. Waste name: WASTEWATER TREATMENT SLUDGES FROM ELECTROPLATING OPERATIONS, EXCEPT FROM THE FOLLOWING PROCESSES: (1) SULFURIC ACID ANODIZING OF ALUMINUM; (2) TIN PLATING ON CARBON STEEL; (3) ZINC PLATING (SEGREGATED BASIS) ON CARBON STEEL; (4) ALUMINUM OR ZINC-ALUMINUM PLATING ON CARBON STEEL; (5) CLEANING/STRIPPING ASSOCIATED WITH TIN, ZINC, AND ALUMINUM PLATING ON CARBON STEEL; AND (6) CHEMICAL ETCHING AND MILLING OF ALUMINUM.

. Waste code: U134
. Waste name: HYDROFLUORIC ACID (C,T) (OR) HYDROGEN FLUORIDE (C,T)

. Waste code: U188
. Waste name: PHENOL

. Waste code: U223
. Waste name: BENZENE, 1,3-DIISOCYANATOMETHYL- (R,T) (OR) TOLUENE DIISOCYANATE (R,T)

RAYTHEON COMPANY (Continued) **1015732613**

Historical Generators:
Date form received by agency: 07/26/2012
Site name: RAYTHEON COMPANY, SPACE AND AIRBORNE SYSTEMS
Classification: Large Quantity Generator

. Waste code: 123
. Waste name: 123

. Waste code: 181
. Waste name: 181

. Waste code: 214
. Waste name: 214

. Waste code: 221
. Waste name: 221

. Waste code: 223
. Waste name: 223

. Waste code: 331
. Waste name: 331

. Waste code: 343
. Waste name: 343

. Waste code: 352
. Waste name: 352

. Waste code: 461
. Waste name: 461

. Waste code: 513
. Waste name: 513

. Waste code: 551
. Waste name: 551

. Waste code: 741
. Waste name: 741

. Waste code: 791
. Waste name: 791

. Waste code: 792
. Waste name: 792

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: D002
. Waste name: CORROSIVE WASTE

. Waste code: D003
. Waste name: REACTIVE WASTE

. Waste code: D006

RAYTHEON COMPANY (Continued) **1015732613**

. Waste name: CADMIUM

. Waste code: D007
. Waste name: CHROMIUM

. Waste code: D008
. Waste name: LEAD

. Waste code: D009
. Waste name: MERCURY

. Waste code: D011
. Waste name: SILVER

. Waste code: D035
. Waste name: METHYL ETHYL KETONE

. Waste code: F001
. Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS USED IN DEGREASING: TETRACHLOROETHYLENE, TRICHLORETHYLENE, METHYLENE CHLORIDE, 1,1,1-TRICHLOROETHANE, CARBON TETRACHLORIDE AND CHLORINATED FLUOROCARBONS; ALL SPENT SOLVENT MIXTURES/BLENDS USED IN DEGREASING CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F002
. Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F003
. Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F005
. Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF

RAYTHEON COMPANY (Continued) **1015732613**

THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: U188
. Waste name: PHENOL

. Waste code: U223
. Waste name: BENZENE, 1,3-DIISOCYANATOMETHYL- (R,T) (OR) TOLUENE DIISOCYANATE (R,T)

Date form received by agency: 06/08/2010
Site name: RAYTHEON COMPANY, SPACE AND AIRBORNE SYSTEMS
Classification: Large Quantity Generator

. Waste code: 122
. Waste name: 122

. Waste code: 123
. Waste name: 123

. Waste code: 141
. Waste name: 141

. Waste code: 151
. Waste name: 151

. Waste code: 171
. Waste name: 171

. Waste code: 181
. Waste name: 181

. Waste code: 214
. Waste name: 214

. Waste code: 221
. Waste name: 221

. Waste code: 223
. Waste name: 223

. Waste code: 331
. Waste name: 331

. Waste code: 343
. Waste name: 343

. Waste code: 352
. Waste name: 352

. Waste code: 461
. Waste name: 461

. Waste code: 513
. Waste name: 513

. Waste code: 551
. Waste name: 551

RAYTHEON COMPANY (Continued) **1015732613**

. Waste code: 741
. Waste name: 741

. Waste code: 791
. Waste name: 791

. Waste code: 792
. Waste name: 792

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: D002
. Waste name: CORROSIVE WASTE

. Waste code: D003
. Waste name: REACTIVE WASTE

. Waste code: D005
. Waste name: BARIUM

. Waste code: D006
. Waste name: CADMIUM

. Waste code: D007
. Waste name: CHROMIUM

. Waste code: D008
. Waste name: LEAD

. Waste code: D009
. Waste name: MERCURY

. Waste code: D011
. Waste name: SILVER

. Waste code: D035
. Waste name: METHYL ETHYL KETONE

. Waste code: F001
. Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS USED IN DEGREASING: TETRACHLOROETHYLENE, TRICHLORETHYLENE, METHYLENE CHLORIDE, 1,1,1-TRICHLOROETHANE, CARBON TETRACHLORIDE AND CHLORINATED FLUOROCARBONS; ALL SPENT SOLVENT MIXTURES/BLENDS USED IN DEGREASING CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F002
. Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND

RAYTHEON COMPANY (Continued) **1015732613**

F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F003
. Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F005
. Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F006
. Waste name: WASTEWATER TREATMENT SLUDGES FROM ELECTROPLATING OPERATIONS, EXCEPT FROM THE FOLLOWING PROCESSES: (1) SULFURIC ACID ANODIZING OF ALUMINUM; (2) TIN PLATING ON CARBON STEEL; (3) ZINC PLATING (SEGREGATED BASIS) ON CARBON STEEL; (4) ALUMINUM OR ZINC-ALUMINUM PLATING ON CARBON STEEL; (5) CLEANING/STRIPPING ASSOCIATED WITH TIN, ZINC, AND ALUMINUM PLATING ON CARBON STEEL; AND (6) CHEMICAL ETCHING AND MILLING OF ALUMINUM.

. Waste code: U223
. Waste name: BENZENE, 1,3-DIISOCYANATOMETHYL- (R,T) (OR) TOLUENE DIISOCYANATE (R,T)

Date form received by agency: 02/19/2008
Site name: RAYTHEON COMPANY, SAS
Classification: Large Quantity Generator

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: D002
. Waste name: CORROSIVE WASTE

. Waste code: D003
. Waste name: REACTIVE WASTE

. Waste code: D006
. Waste name: CADMIUM

. Waste code: D007
. Waste name: CHROMIUM

. Waste code: D008
. Waste name: LEAD

RAYTHEON COMPANY (Continued) **1015732613**

. Waste code: D009
. Waste name: MERCURY

. Waste code: D011
. Waste name: SILVER

. Waste code: D035
. Waste name: METHYL ETHYL KETONE

. Waste code: F001
. Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS USED IN DEGREASING: TETRACHLOROETHYLENE, TRICHLORETHYLENE, METHYLENE CHLORIDE, 1,1,1-TRICHLOROETHANE, CARBON TETRACHLORIDE AND CHLORINATED FLUOROCARBONS; ALL SPENT SOLVENT MIXTURES/BLENDS USED IN DEGREASING CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F002
. Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F003
. Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F005
. Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F006
. Waste name: WASTEWATER TREATMENT SLUDGES FROM ELECTROPLATING OPERATIONS, EXCEPT FROM THE FOLLOWING PROCESSES: (1) SULFURIC ACID ANODIZING OF ALUMINUM; (2) TIN PLATING ON CARBON STEEL; (3) ZINC PLATING (SEGREGATED BASIS) ON CARBON STEEL; (4) ALUMINUM OR ZINC-ALUMINUM PLATING ON CARBON STEEL; (5) CLEANING/STRIPPING ASSOCIATED WITH TIN, ZINC, AND ALUMINUM

RAYTHEON COMPANY (Continued) **1015732613**

PLATING ON CARBON STEEL; AND (6) CHEMICAL ETCHING AND MILLING OF ALUMINUM.

. Waste code: U019
. Waste name: BENZENE (I,T)

. Waste code: U223
. Waste name: BENZENE, 1,3-DIISOCYANATOMETHYL- (R,T) (OR) TOLUENE DIISOCYANATE (R,T)

Date form received by agency: 02/17/2006
Site name: RAYTHEON COMPANY, SAS
Classification: Large Quantity Generator

. Waste code: 122
. Waste name: 122

. Waste code: 123
. Waste name: 123

. Waste code: 135
. Waste name: 135

. Waste code: 141
. Waste name: 141

. Waste code: 171
. Waste name: 171

. Waste code: 172
. Waste name: 172

. Waste code: 181
. Waste name: 181

. Waste code: 212
. Waste name: 212

. Waste code: 221
. Waste name: 221

. Waste code: 223
. Waste name: 223

. Waste code: 241
. Waste name: 241

. Waste code: 331
. Waste name: 331

. Waste code: 343
. Waste name: 343

. Waste code: 352
. Waste name: 352

. Waste code: 461
. Waste name: 461

RAYTHEON COMPANY (Continued) **1015732613**

. Waste code: 512
. Waste name: 512

. Waste code: 513
. Waste name: 513

. Waste code: 541
. Waste name: 541

. Waste code: 551
. Waste name: 551

. Waste code: 711
. Waste name: 711

. Waste code: 741
. Waste name: 741

. Waste code: 791
. Waste name: 791

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: D002
. Waste name: CORROSIVE WASTE

. Waste code: D003
. Waste name: REACTIVE WASTE

. Waste code: D005
. Waste name: BARIUM

. Waste code: D006
. Waste name: CADMIUM

. Waste code: D007
. Waste name: CHROMIUM

. Waste code: D008
. Waste name: LEAD

. Waste code: D009
. Waste name: MERCURY

. Waste code: D011
. Waste name: SILVER

. Waste code: D018
. Waste name: BENZENE

. Waste code: D027
. Waste name: 1,4-DICHLOROBENZENE

. Waste code: D035
. Waste name: METHYL ETHYL KETONE

RAYTHEON COMPANY (Continued) **1015732613**

. Waste code: F001
. Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS USED IN DEGREASING: TETRACHLOROETHYLENE, TRICHLORETHYLENE, METHYLENE CHLORIDE, 1,1,1-TRICHLOROETHANE, CARBON TETRACHLORIDE AND CHLORINATED FLUOROCARBONS; ALL SPENT SOLVENT MIXTURES/BLENDS USED IN DEGREASING CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F003
. Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F005
. Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F006
. Waste name: WASTEWATER TREATMENT SLUDGES FROM ELECTROPLATING OPERATIONS, EXCEPT FROM THE FOLLOWING PROCESSES: (1) SULFURIC ACID ANODIZING OF ALUMINUM; (2) TIN PLATING ON CARBON STEEL; (3) ZINC PLATING (SEGREGATED BASIS) ON CARBON STEEL; (4) ALUMINUM OR ZINC-ALUMINUM PLATING ON CARBON STEEL; (5) CLEANING/STRIPPING ASSOCIATED WITH TIN, ZINC, AND ALUMINUM PLATING ON CARBON STEEL; AND (6) CHEMICAL ETCHING AND MILLING OF ALUMINUM.

. Waste code: F007
. Waste name: SPENT CYANIDE PLATING BATH SOLUTIONS FROM ELECTROPLATING OPERATIONS.

. Waste code: P120
. Waste name: VANADIUM OXIDE V2O5 (OR) VANADIUM PENTOXIDE

. Waste code: P122
. Waste name: ZINC PHOSPHIDE ZN3P2, WHEN PRESENT AT CONCENTRATIONS GREATER THAN 10% (R,T)

. Waste code: U019
. Waste name: BENZENE (I,T)

. Waste code: U057
. Waste name: CYCLOHEXANONE (I)

. Waste code: U069

RAYTHEON COMPANY (Continued) **1015732613**

. Waste name: 1,2-BENZENEDICARBOXYLIC ACID, DIBUTYL ESTER (OR) DIBUTYL PHTHALATE

. Waste code: U080
. Waste name: METHANE, DICHLORO- (OR) METHYLENE CHLORIDE

. Waste code: U115
. Waste name: ETHYLENE OXIDE (I,T) (OR) OXIRANE (I,T)

. Waste code: U122
. Waste name: FORMALDEHYDE

. Waste code: U154
. Waste name: METHANOL (I) (OR) METHYL ALCOHOL (I)

. Waste code: U162
. Waste name: 2-PROPENOIC ACID, 2-METHYL-, METHYL ESTER (I,T) (OR) METHYL METHACRYLATE (I,T)

. Waste code: U163
. Waste name: GUANIDINE, N-METHYL-N'-NITRO-N-NITROSO- (OR) MNNG

. Waste code: U165
. Waste name: NAPHTHALENE

. Waste code: U166
. Waste name: 1,4-NAPHTHALENEDIONE (OR) 1,4-NAPHTHOQUINONE

. Waste code: U211
. Waste name: CARBON TETRACHLORIDE (OR) METHANE, TETRACHLORO-

. Waste code: U216
. Waste name: THALLIUM CHLORIDE TLCL (OR) THALLIUM(I) CHLORIDE

. Waste code: U220
. Waste name: BENZENE, METHYL- (OR) TOLUENE

. Waste code: U223
. Waste name: BENZENE, 1,3-DIISOCYANATOMETHYL- (R,T) (OR) TOLUENE DIISOCYANATE (R,T)

. Waste code: U238
. Waste name: CARBAMIC ACID, ETHYL ESTER (OR) ETHYL CARBAMATE (URETHANE)

Date form received by agency: 02/20/2004
Site name: RAYTHEON CO SPACE AND AIRBORNE SYSTEMS
Classification: Large Quantity Generator

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: D002
. Waste name: CORROSIVE WASTE

. Waste code: D003
. Waste name: REACTIVE WASTE

. Waste code: D004
. Waste name: ARSENIC

RAYTHEON COMPANY (Continued) **1015732613**

. Waste code: D005
. Waste name: BARIUM

. Waste code: D006
. Waste name: CADMIUM

. Waste code: D007
. Waste name: CHROMIUM

. Waste code: D008
. Waste name: LEAD

. Waste code: D009
. Waste name: MERCURY

. Waste code: D010
. Waste name: SELENIUM

. Waste code: D011
. Waste name: SILVER

. Waste code: D015
. Waste name: TOXAPHENE (C10 H10 CL8, TECHNICAL CHLORINATED CAMPHENE, 67-69 PERCENT CHLORINE)

. Waste code: D035
. Waste name: METHYL ETHYL KETONE

. Waste code: F001
. Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS USED IN DEGREASING: TETRACHLOROETHYLENE, TRICHLORETHYLENE, METHYLENE CHLORIDE, 1,1,1-TRICHLOROETHANE, CARBON TETRACHLORIDE AND CHLORINATED FLUOROCARBONS; ALL SPENT SOLVENT MIXTURES/BLENDS USED IN DEGREASING CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F002
. Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F003
. Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR

RAYTHEON COMPANY (Continued) **1015732613**

MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F005
. Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F006
. Waste name: WASTEWATER TREATMENT SLUDGES FROM ELECTROPLATING OPERATIONS, EXCEPT FROM THE FOLLOWING PROCESSES: (1) SULFURIC ACID ANODIZING OF ALUMINUM; (2) TIN PLATING ON CARBON STEEL; (3) ZINC PLATING (SEGREGATED BASIS) ON CARBON STEEL; (4) ALUMINUM OR ZINC-ALUMINUM PLATING ON CARBON STEEL; (5) CLEANING/STRIPPING ASSOCIATED WITH TIN, ZINC, AND ALUMINUM PLATING ON CARBON STEEL; AND (6) CHEMICAL ETCHING AND MILLING OF ALUMINUM.

. Waste code: F007
. Waste name: SPENT CYANIDE PLATING BATH SOLUTIONS FROM ELECTROPLATING OPERATIONS.

. Waste code: F008
. Waste name: PLATING BATH RESIDUES FROM THE BOTTOM OF PLATING BATHS FROM ELECTROPLATING OPERATIONS IN WHICH CYANIDES ARE USED IN THE PROCESS.

. Waste code: F027
. Waste name: DISCARDED UNUSED FORMULATIONS CONTAINING TRI-, TETRA-, OR PENTACHLOROPHENOL OR DISCARDED UNUSED FORMULATIONS CONTAINING COMPOUNDS DERIVED FROM THESE CHLOROPHENOLS. (THIS LISTING DOES NOT INCLUDE FORMULATIONS CONTAINING HEXACHLOROPHENE SYNTHESIZED FROM PREPURIFIED 2,4,5-TRICHLOROPHENOL AS THE SOLE COMPONENT.)

. Waste code: P030
. Waste name: CYANIDES (SOLUBLE CYANIDE SALTS), NOT OTHERWISE SPECIFIED

. Waste code: P065
. Waste name: FULMINIC ACID, MERCURY(2+) SALT (R,T) (OR) MERCURY FULMINATE (R,T)

. Waste code: P074
. Waste name: NICKEL CYANIDE (OR) NICKEL CYANIDE NI(CN)2

. Waste code: P098
. Waste name: POTASSIUM CYANIDE (OR) POTASSIUM CYANIDE K(CN)

. Waste code: P106
. Waste name: SODIUM CYANIDE (OR) SODIUM CYANIDE NA(CN)

. Waste code: U002
. Waste name: 2-PROPANONE (I) (OR) ACETONE (I)

. Waste code: U003
. Waste name: ACETONITRILE (I,T)

RAYTHEON COMPANY (Continued) **1015732613**

. Waste code: U019
. Waste name: BENZENE (I,T)

. Waste code: U031
. Waste name: 1-BUTANOL (I) (OR) N-BUTYL ALCOHOL (I)

. Waste code: U035
. Waste name: BENZENEBUTANOIC ACID, 4-[BIS(2-CHLOROETHYL)AMINO]- (OR) CHLORAMBUCIL

. Waste code: U056
. Waste name: BENZENE, HEXAHYDRO- (I) (OR) CYCLOHEXANE (I)

. Waste code: U057
. Waste name: CYCLOHEXANONE (I)

. Waste code: U080
. Waste name: METHANE, DICHLORO- (OR) METHYLENE CHLORIDE

. Waste code: U122
. Waste name: FORMALDEHYDE

. Waste code: U125
. Waste name: 2-FURANCARBOXALDEHYDE (I) (OR) FURFURAL (I)

. Waste code: U133
. Waste name: HYDRAZINE (R,T)

. Waste code: U140
. Waste name: 1-PROPANOL, 2-METHYL- (I,T) (OR) ISOBUTYL ALCOHOL (I,T)

. Waste code: U144
. Waste name: ACETIC ACID, LEAD(2+) SALT (OR) LEAD ACETATE

. Waste code: U154
. Waste name: METHANOL (I) (OR) METHYL ALCOHOL (I)

. Waste code: U159
. Waste name: 2-BUTANONE (I,T) (OR) METHYL ETHYL KETONE (MEK) (I,T)

. Waste code: U161
. Waste name: 4-METHYL-2-PENTANONE (I) (OR) METHYL ISOBUTYL KETONE (I) (OR) PENTANOL, 4-METHYL-

. Waste code: U169
. Waste name: BENZENE, NITRO- (OR) NITROBENZENE (I,T)

. Waste code: U188
. Waste name: PHENOL

. Waste code: U196
. Waste name: PYRIDINE

. Waste code: U211
. Waste name: CARBON TETRACHLORIDE (OR) METHANE, TETRACHLORO-

. Waste code: U213
. Waste name: FURAN, TETRAHYDRO-(I) (OR) TETRAHYDROFURAN (I)

RAYTHEON COMPANY (Continued) **1015732613**

. Waste code: U220
. Waste name: BENZENE, METHYL- (OR) TOLUENE

. Waste code: U223
. Waste name: BENZENE, 1,3-DIISOCYANATOMETHYL- (R,T) (OR) TOLUENE DIISOCYANATE (R,T)

. Waste code: U226
. Waste name: ETHANE, 1,1,1-TRICHLORO- (OR) METHYL CHLOROFORM

. Waste code: U239
. Waste name: BENZENE, DIMETHYL- (I,T) (OR) XYLENE (I)

Date form received by agency: 02/21/2002
Site name: RAYTHEON COMPANY, ELECTRONIC SYSTEMS
Classification: Large Quantity Generator

Date form received by agency: 10/12/2000
Site name: RAYTHEON COMPANY, ELECTRONIC SYSTEMS
Classification: Large Quantity Generator

Date form received by agency: 03/16/1999
Site name: RAYTHEON SYSTEMS COMPANY, SENSORS AND EL
Classification: Large Quantity Generator

Date form received by agency: 02/04/1998
Site name: RAYTHEON SYSTEMS CO
Classification: Large Quantity Generator

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: D002
. Waste name: CORROSIVE WASTE

. Waste code: D003
. Waste name: REACTIVE WASTE

. Waste code: D005
. Waste name: BARIUM

. Waste code: D006
. Waste name: CADMIUM

. Waste code: D007
. Waste name: CHROMIUM

. Waste code: D008
. Waste name: LEAD

. Waste code: F001
. Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS USED IN DEGREASING: TETRACHLOROETHYLENE, TRICHLORETHYLENE, METHYLENE CHLORIDE, 1,1,1-TRICHLOROETHANE, CARBON TETRACHLORIDE AND CHLORINATED FLUOROCARBONS; ALL SPENT SOLVENT MIXTURES/BLENDS USED IN DEGREASING CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE

RAYTHEON COMPANY (Continued) **1015732613**

SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F002
. Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F003
. Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F005
. Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F006
. Waste name: WASTEWATER TREATMENT SLUDGES FROM ELECTROPLATING OPERATIONS, EXCEPT FROM THE FOLLOWING PROCESSES: (1) SULFURIC ACID ANODIZING OF ALUMINUM; (2) TIN PLATING ON CARBON STEEL; (3) ZINC PLATING (SEGREGATED BASIS) ON CARBON STEEL; (4) ALUMINUM OR ZINC-ALUMINUM PLATING ON CARBON STEEL; (5) CLEANING/STRIPPING ASSOCIATED WITH TIN, ZINC, AND ALUMINUM PLATING ON CARBON STEEL; AND (6) CHEMICAL ETCHING AND MILLING OF ALUMINUM.

. Waste code: F008
. Waste name: PLATING BATH RESIDUES FROM THE BOTTOM OF PLATING BATHS FROM ELECTROPLATING OPERATIONS IN WHICH CYANIDES ARE USED IN THE PROCESS.

. Waste code: P015
. Waste name: BERYLLIUM

. Waste code: P030
. Waste name: CYANIDES (SOLUBLE CYANIDE SALTS), NOT OTHERWISE SPECIFIED

. Waste code: P065
. Waste name: FULMINIC ACID, MERCURY(2+) SALT (R,T) (OR) MERCURY FULMINATE (R,T)

. Waste code: P074

RAYTHEON COMPANY (Continued) **1015732613**

. Waste name: NICKEL CYANIDE (OR) NICKEL CYANIDE NI(CN)2

. Waste code: P098
. Waste name: POTASSIUM CYANIDE (OR) POTASSIUM CYANIDE K(CN)

. Waste code: P106
. Waste name: SODIUM CYANIDE (OR) SODIUM CYANIDE NA(CN)

. Waste code: U002
. Waste name: 2-PROPANONE (I) (OR) ACETONE (I)

. Waste code: U031
. Waste name: 1-BUTANOL (I) (OR) N-BUTYL ALCOHOL (I)

. Waste code: U035
. Waste name: BENZENEBUTANOIC ACID, 4-[BIS(2-CHLOROETHYL)AMINO]- (OR) CHLORAMBUCIL

. Waste code: U056
. Waste name: BENZENE, HEXAHYDRO- (I) (OR) CYCLOHEXANE (I)

. Waste code: U080
. Waste name: METHANE, DICHLORO- (OR) METHYLENE CHLORIDE

. Waste code: U125
. Waste name: 2-FURANCARBOXALDEHYDE (I) (OR) FURFURAL (I)

. Waste code: U159
. Waste name: 2-BUTANONE (I,T) (OR) METHYL ETHYL KETONE (MEK) (I,T)

. Waste code: U188
. Waste name: PHENOL

. Waste code: U213
. Waste name: FURAN, TETRAHYDRO-(I) (OR) TETRAHYDROFURAN (I)

. Waste code: U220
. Waste name: BENZENE, METHYL- (OR) TOLUENE

. Waste code: U239
. Waste name: BENZENE, DIMETHYL- (I,T) (OR) XYLENE (I)

Date form received by agency: 09/01/1996
Site name: RAYTHEON SYSTEMS CO
Classification: Large Quantity Generator

Date form received by agency: 03/26/1996
Site name: HUGHES AIRCRAFT CO EOS ESS
Classification: Large Quantity Generator

Date form received by agency: 03/30/1994
Site name: HUGHES AIRCRAFT CO, ELECTRO OPTICAL SYS
Classification: Large Quantity Generator

Date form received by agency: 04/13/1992
Site name: HUGHES ELECTRO OPTICAL DATA SYSTEMS GROU
Classification: Large Quantity Generator

RAYTHEON COMPANY (Continued) **1015732613**

Date form received by agency: 08/18/1980
Site name: RAYTHEON SYSTEMS CO
Classification: Large Quantity Generator

Biennial Reports:

Last Biennial Reporting Year: 2013

Annual Waste Handled:

Waste code: D001
Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.
Amount (Lbs): 27150

Waste code: D002
Waste name: A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.
Amount (Lbs): 12650

Waste code: D003
Waste name: A MATERIAL IS CONSIDERED TO BE A REACTIVE HAZARDOUS WASTE IF IT IS NORMALLY UNSTABLE, REACTS VIOLENTLY WITH WATER, GENERATES TOXIC GASES WHEN EXPOSED TO WATER OR CORROSIVE MATERIALS, OR IF IT IS CAPABLE OF DETONATION OR EXPLOSION WHEN EXPOSED TO HEAT OR A FLAME. ONE EXAMPLE OF SUCH WASTE WOULD BY WASTE GUNPOWDER.
Amount (Lbs): 5496

Waste code: D006
Waste name: CADMIUM
Amount (Lbs): 5496

Waste code: D007
Waste name: CHROMIUM
Amount (Lbs): 17142

Waste code: D008
Waste name: LEAD
Amount (Lbs): 5933

Waste code: D009
Waste name: MERCURY
Amount (Lbs): 95

Waste code: D011
Waste name: SILVER
Amount (Lbs): 5503

Waste code: D018

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Waste name: BENZENE
Amount (Lbs): 10060

Waste code: D022
Waste name: CHLOROFORM
Amount (Lbs): 6117

Waste code: D035
Waste name: METHYL ETHYL KETONE
Amount (Lbs): 2810

Waste code: F001
Waste name: 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.
Amount (Lbs): 621

Waste code: F002
Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2-TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE LISTED IN F001, F004, OR F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
Amount (Lbs): 621

Waste code: F003
Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NON-HALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS, AND, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
Amount (Lbs): 23358

Waste code: F005
Waste name: THE FOLLOWING SPENT NON-HALOGENATED 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 NON-HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
Amount (Lbs): 17862

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Waste code: F006
Waste name: WASTEWATER TREATMENT SLUDGES FROM ELECTROPLATING OPERATIONS EXCEPT FROM THE FOLLOWING PROCESSES: (1) SULFURIC ACID ANODIZING OF ALUMINUM; (2) TIN PLATING ON CARBON STEEL; (3) ZINC PLATING (SEGREGATED BASIS) ON CARBON STEEL; (4) ALUMINUM OR ZINC-ALUMINUM PLATING ON CARBON STEEL; (5) CLEANING/STRIPPING ASSOCIATED WITH TIN, ZINC AND ALUMINUM PLATING ON CARBON STEEL; AND (6) CHEMICAL ETCHING AND MILLING OF ALUMINUM.
Amount (Lbs): 17940

Waste code: F007
Waste name: SPENT CYANIDE PLATING BATH SOLUTIONS FROM ELECTROPLATING OPERATIONS
Amount (Lbs): 5496

Waste code: U068
Waste name: METHANE, DIBROMO-
Amount (Lbs): 5496

Waste code: U098
Waste name: 1,1-DIMETHYLHYDRAZINE
Amount (Lbs): 5496

Waste code: U188
Waste name: PHENOL
Amount (Lbs): 5496

Waste code: U223
Waste name: BENZENE, 1,3-DIISOCYANATOMETHYL- (R,T)
Amount (Lbs): 5496

Corrective Action Summary:

Event date: 09/07/1991
Event: CA029WQ

Event date: 09/07/1991
Event: CA049PA

Event date: 09/07/1991
Event: RFA Completed

Event date: 09/07/1991
Event: CA Prioritization, Facility or area was assigned a low corrective action priority.

Event date: 01/24/1992
Event: CA Prioritization, Facility or area was assigned a low corrective action priority.

Event date: 01/24/1992
Event: Stabilization Measures Evaluation,This facility is not amenable to stabilization activity at the present time for reasons other than 1- it appears to be technically infeasible or inappropriate (NF) or 2- there is a lack of technical information (IN). Reasons for this conclusion may be the status of closure at the facility, the degree of risk, timing considerations, the status of corrective action work at the facility, or other administrative considerations.

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Event date: 03/19/2012
Event: RFI Workplan Received

Event date: 06/28/2012
Event: RFI Workplan Approved

Event date: 06/25/2013
Event: RFI Supplemental Implementation Begun

Event date: 03/24/2015
Event: RFI Report Received

Event date: 05/29/2015
Event: RFI Approved

Event date: 09/21/2015
Event: Current Human Exposures under Control, Yes, Current Human Exposures Under Control has been verified. Based on a review of information contained in the EI determination, current human exposures are expected to be under control at the facility under current and reasonably expected conditions. This determination will be re-evaluated when the Agency/State becomes aware of significant changes at the facility.

Facility Has Received Notices of Violations:
Regulation violated: Not reported
Area of violation: Generators - General
Date violation determined: 06/22/2006
Date achieved compliance: 07/21/2006
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 06/22/2006
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - General
Date violation determined: 04/27/2000
Date achieved compliance: 09/06/2002
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 06/15/2000
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - Pre-transport
Date violation determined: 04/27/2000
Date achieved compliance: 09/06/2002

RAYTHEON COMPANY (Continued) **1015732613**

Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 06/15/2000
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: TSD - Manifest/Records/Reporting
Date violation determined: 04/27/2000
Date achieved compliance: 09/06/2002
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 06/15/2000
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - General
Date violation determined: 04/27/2000
Date achieved compliance: 09/06/2002
Violation lead agency: State
Enforcement action: SINGLE SITE CA/FO
Enforcement action date: 09/18/2002
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: TSD - General Facility Standards
Date violation determined: 04/27/2000
Date achieved compliance: 09/06/2002
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 06/15/2000
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: TSD - General Facility Standards
Date violation determined: 04/27/2000
Date achieved compliance: 09/06/2002
Violation lead agency: State

RAYTHEON COMPANY (Continued) **1015732613**

Enforcement action: SINGLE SITE CA/FO
Enforcement action date: 09/18/2002
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 264.10-18.B
Area of violation: TSD - General
Date violation determined: 08/16/1994
Date achieved compliance: 10/14/1994
Violation lead agency: State
Enforcement action: INITIAL 3008(A) COMPLIANCE
Enforcement action date: 08/19/1994
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 2050
Final penalty amount: 1450
Paid penalty amount: 1450

Regulation violated: FR - 262.30-34.C
Area of violation: Generators - General
Date violation determined: 08/16/1994
Date achieved compliance: 10/14/1994
Violation lead agency: State
Enforcement action: INITIAL 3008(A) COMPLIANCE
Enforcement action date: 08/19/1994
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 2050
Final penalty amount: 1450
Paid penalty amount: 1450

Regulation violated: FR - 264.10-18.B
Area of violation: TSD - General
Date violation determined: 08/16/1994
Date achieved compliance: 10/14/1994
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 08/16/1994
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 262.30-34.C
Area of violation: Generators - General
Date violation determined: 08/16/1994
Date achieved compliance: 10/14/1994
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL

RAYTHEON COMPANY (Continued) **1015732613**

Enforcement action date: 08/16/1994
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 264.170-177.I
Area of violation: TSD - General
Date violation determined: 01/25/1994
Date achieved compliance: 02/28/1994
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 270
Area of violation: TSD - General
Date violation determined: 01/25/1994
Date achieved compliance: 02/28/1994
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 264.50-56.D
Area of violation: TSD - General
Date violation determined: 01/25/1994
Date achieved compliance: 02/28/1994
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 264.140-150.H
Area of violation: TSD - Financial Requirements
Date violation determined: 11/22/1991
Date achieved compliance: 01/06/1994
Violation lead agency: EPA
Enforcement action: Not reported
Enforcement action date: Not reported

RAYTHEON COMPANY (Continued) **1015732613**

Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 270
Area of violation: TSD - General
Date violation determined: 08/05/1991
Date achieved compliance: 11/18/1991
Violation lead agency: State
Enforcement action: INITIAL 3008(A) COMPLIANCE
Enforcement action date: 09/16/1991
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 1250
Final penalty amount: 700
Paid penalty amount: 700

Regulation violated: FR - 270
Area of violation: TSD - General
Date violation determined: 08/05/1991
Date achieved compliance: 11/18/1991
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 09/16/1991
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 264.70-77.E
Area of violation: TSD - General
Date violation determined: 09/06/1989
Date achieved compliance: 01/06/1994
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 10/20/1989
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 264.70-77.E
Area of violation: TSD - General
Date violation determined: 09/06/1989
Date achieved compliance: 01/06/1994
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported

RAYTHEON COMPANY (Continued) **1015732613**

Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 270
Area of violation: TSD - General
Date violation determined: 09/06/1989
Date achieved compliance: 11/18/1991
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 10/20/1989
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 270
Area of violation: TSD - General
Date violation determined: 09/06/1989
Date achieved compliance: 11/18/1991
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Evaluation Action Summary:
Evaluation date: 09/23/2015
Evaluation: FINANCIAL RECORD REVIEW
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 06/24/2015
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 02/10/2014
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 01/21/2014
Evaluation: FINANCIAL RECORD REVIEW
Area of violation: Not reported
Date achieved compliance: Not reported

RAYTHEON COMPANY (Continued) **1015732613**

Evaluation lead agency: State

Evaluation date: 08/29/2012
Evaluation: FINANCIAL RECORD REVIEW
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 06/21/2012
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 09/02/2010
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 07/13/2010
Evaluation: FINANCIAL RECORD REVIEW
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 02/17/2010
Evaluation: FINANCIAL RECORD REVIEW
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 01/28/2010
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 10/18/2007
Evaluation: FINANCIAL RECORD REVIEW
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 09/28/2007
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 11/20/2006
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 11/03/2006

RAYTHEON COMPANY (Continued) **1015732613**

Evaluation: FINANCIAL RECORD REVIEW
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 06/22/2006
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 07/21/2006
Evaluation lead agency: Local

Evaluation date: 03/08/2006
Evaluation: FINANCIAL RECORD REVIEW
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 02/22/2006
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 06/29/2005
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 06/07/2005
Evaluation: FINANCIAL RECORD REVIEW
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 05/25/2004
Evaluation: FINANCIAL RECORD REVIEW
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 09/06/2002
Evaluation: NOT A SIGNIFICANT NON-COMPLIER
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 06/28/2001
Evaluation: FINANCIAL RECORD REVIEW
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 12/18/2000
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported

RAYTHEON COMPANY (Continued) **1015732613**

Evaluation lead agency: State

Evaluation date: 04/27/2000
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - Pre-transport
Date achieved compliance: 09/06/2002
Evaluation lead agency: State

Evaluation date: 04/27/2000
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - Manifest/Records/Reporting
Date achieved compliance: 09/06/2002
Evaluation lead agency: State

Evaluation date: 04/27/2000
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 09/06/2002
Evaluation lead agency: State

Evaluation date: 04/27/2000
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - General Facility Standards
Date achieved compliance: 09/06/2002
Evaluation lead agency: State

Evaluation date: 04/27/2000
Evaluation: SIGNIFICANT NON-COMPLIER
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 01/26/1999
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 11/20/1996
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 11/10/1994
Evaluation: FINANCIAL RECORD REVIEW
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 08/16/1994
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - General
Date achieved compliance: 10/14/1994
Evaluation lead agency: State

Evaluation date: 08/16/1994

RAYTHEON COMPANY (Continued) **1015732613**

Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 10/14/1994
Evaluation lead agency: State

Evaluation date: 01/06/1994
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - General
Date achieved compliance: 02/28/1994
Evaluation lead agency: State

Evaluation date: 11/22/1991
Evaluation: FINANCIAL RECORD REVIEW
Area of violation: TSD - Financial Requirements
Date achieved compliance: 01/06/1994
Evaluation lead agency: EPA Contractor/Grantee

Evaluation date: 08/05/1991
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - General
Date achieved compliance: 11/18/1991
Evaluation lead agency: State

Evaluation date: 09/26/1989
Evaluation: FINANCIAL RECORD REVIEW
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 09/06/1989
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - General
Date achieved compliance: 11/18/1991
Evaluation lead agency: State

Evaluation date: 09/06/1989
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - General
Date achieved compliance: 01/06/1994
Evaluation lead agency: State

US FIN ASSUR:
EPA ID: CAD000633230
Provider: INTESA SANPAOLO
EPA region: 9
County: LOS ANGELES
Mechanism type: LETTER OF CREDIT
Mechanism ID: 093048-793
Cost estimate: 2000000
Face value: 2000000
Effective date: 5/30/2010

EPA ID: CAD000633230
Provider: INTESA SANPAOLO
EPA region: 9
County: LOS ANGELES
Mechanism type: LETTER OF CREDIT
Mechanism ID: 093074-793

RAYTHEON COMPANY (Continued) **1015732613**

Cost estimate: 839820
Face value: 850731
Effective date: 5/20/2009

2020 COR ACTION:
EPA ID: CAD000633230
Region: 9
Action: Not reported

NY MANIFEST:
Country: USA
EPA ID: CAD000633230
Facility Status: Not reported
Location Address 1: 2000 EL SEGUNDO BOULEVARD
Code: BP
Location Address 2: Not reported
Total Tanks: Not reported
Location City: EL SEGUNDO
Location State: CA
Location Zip: 90245
Location Zip 4: Not reported

NY MANIFEST:
EPAID: CAD000633230
Mailing Name: HUGHES AIRCRAFT COMPANY
Mailing Contact: DEAN D RICHARDSON
Mailing Address 1: 2000 EL SEGUNDO BOULEVARD
Mailing Address 2: Not reported
Mailing City: SEGUNDO
Mailing State: CA
Mailing Zip: 90245
Mailing Zip 4: Not reported
Mailing Country: USA
Mailing Phone: 2136165284

NY MANIFEST:
Document ID: NYC5731266
Manifest Status: Not reported
seq: 01
Year: 2001
Trans1 State ID: Not reported
Trans2 State ID: 71071NNY
Generator Ship Date: 02/07/2001
Trans1 Recv Date: 02/07/2001
Trans2 Recv Date: 02/09/2001
TSD Site Recv Date: 02/22/2001
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: CAD000633230
Trans1 EPA ID: SCR000074591
Trans2 EPA ID: NYD982792814
TSDF ID 1: NYD000632372
TSDF ID 2: Not reported
Manifest Tracking Number: Not reported
Import Indicator: Not reported
Export Indicator: Not reported

RAYTHEON COMPANY (Continued) **1015732613**

Discr Quantity Indicator:	Not reported
Discr Type Indicator:	Not reported
Discr Residue Indicator:	Not reported
Discr Partial Reject Indicator:	Not reported
Discr Full Reject Indicator:	Not reported
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	Not reported
Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	00004
Units:	P - Pounds
Number of Containers:	001
Container Type:	CY - Cylinders
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	01.00
Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	00004
Units:	P - Pounds
Number of Containers:	001
Container Type:	CY - Cylinders
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	01.00
Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	00005
Units:	P - Pounds
Number of Containers:	001
Container Type:	CY - Cylinders
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	01.00

Document ID:	NYC5731312
Manifest Status:	Not reported
seq:	01
Year:	2001
Trans1 State ID:	Not reported
Trans2 State ID:	71072NNY
Generator Ship Date:	06/28/2001
Trans1 Recv Date:	06/28/2001
Trans2 Recv Date:	07/02/2001
TSD Site Recv Date:	07/16/2001
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	CAD000633230

RAYTHEON COMPANY (Continued) **1015732613**

Trans1 EPA ID:	SCR000074591
Trans2 EPA ID:	NYD982792814
TSDF ID 1:	NYD000632372
TSDF ID 2:	Not reported
Manifest Tracking Number:	Not reported
Import Indicator:	Not reported
Export Indicator:	Not reported
Discr Quantity Indicator:	Not reported
Discr Type Indicator:	Not reported
Discr Residue Indicator:	Not reported
Discr Partial Reject Indicator:	Not reported
Discr Full Reject Indicator:	Not reported
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	Not reported
Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	00010
Units:	P - Pounds
Number of Containers:	010
Container Type:	CY - Cylinders
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	01.00
Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	00003
Units:	P - Pounds
Number of Containers:	003
Container Type:	CY - Cylinders
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	01.00
Waste Code:	D002 - NON-LISTED CORROSIVE WASTES
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	00004
Units:	P - Pounds
Number of Containers:	002
Container Type:	CY - Cylinders
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	01.00

Document ID:	NYC5730840
Manifest Status:	Not reported
seq:	01
Year:	2000
Trans1 State ID:	Not reported
Trans2 State ID:	71070NNY

RAYTHEON COMPANY (Continued) **1015732613**

Generator Ship Date:	01/19/2000
Trans1 Recv Date:	01/19/2000
Trans2 Recv Date:	01/27/2000
TSD Site Recv Date:	02/09/2000
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	CAD000633230
Trans1 EPA ID:	SCD987574647
Trans2 EPA ID:	NYD982792814
TSDF ID 1:	NYD000632372
TSDF ID 2:	Not reported
Manifest Tracking Number:	Not reported
Import Indicator:	Not reported
Export Indicator:	Not reported
Discr Quantity Indicator:	Not reported
Discr Type Indicator:	Not reported
Discr Residue Indicator:	Not reported
Discr Partial Reject Indicator:	Not reported
Discr Full Reject Indicator:	Not reported
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	Not reported
Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	00010
Units:	P - Pounds
Number of Containers:	002
Container Type:	CY - Cylinders
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	01.00
Waste Code:	D002 - NON-LISTED CORROSIVE WASTES
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	00020
Units:	P - Pounds
Number of Containers:	004
Container Type:	CY - Cylinders
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	01.00
Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	00105
Units:	P - Pounds
Number of Containers:	001
Container Type:	CY - Cylinders
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	01.00

RAYTHEON COMPANY (Continued) **1015732613**

Document ID:	NYB7216461
Manifest Status:	Not reported
seq:	01
Year:	1999
Trans1 State ID:	Not reported
Trans2 State ID:	71071NNY
Generator Ship Date:	08/17/1999
Trans1 Recv Date:	08/17/1999
Trans2 Recv Date:	08/20/1999
TSD Site Recv Date:	09/07/1999
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	CAD000633230
Trans1 EPA ID:	SCD987574647
Trans2 EPA ID:	NYD982792814
TSDF ID 1:	NYD000632372
TSDF ID 2:	Not reported
Manifest Tracking Number:	Not reported
Import Indicator:	Not reported
Export Indicator:	Not reported
Discr Quantity Indicator:	Not reported
Discr Type Indicator:	Not reported
Discr Residue Indicator:	Not reported
Discr Partial Reject Indicator:	Not reported
Discr Full Reject Indicator:	Not reported
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	Not reported
Waste Code:	U135 - HYDROGEN SULFIDE
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	00018
Units:	P - Pounds
Number of Containers:	001
Container Type:	CY - Cylinders
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	01.00
Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	00020
Units:	P - Pounds
Number of Containers:	001
Container Type:	CY - Cylinders
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	01.00
Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported

RAYTHEON COMPANY (Continued) **1015732613**

Quantity:	00045
Units:	P - Pounds
Number of Containers:	001
Container Type:	CY - Cylinders
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	01.00
Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	00030
Units:	P - Pounds
Number of Containers:	001
Container Type:	CY - Cylinders
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	01.00

Document ID:	NYB7216461
Manifest Status:	Not reported
seq:	02
Year:	1999
Trans1 State ID:	Not reported
Trans2 State ID:	71071NNY
Generator Ship Date:	08/17/1999
Trans1 Recv Date:	08/17/1999
Trans2 Recv Date:	08/20/1999
TSD Site Recv Date:	09/07/1999
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	CAD000633230
Trans1 EPA ID:	SCD987574647
Trans2 EPA ID:	NYD982792814
TSDF ID 1:	NYD000632372
TSDF ID 2:	Not reported
Manifest Tracking Number:	Not reported
Import Indicator:	Not reported
Export Indicator:	Not reported
Discr Quantity Indicator:	Not reported
Discr Type Indicator:	Not reported
Discr Residue Indicator:	Not reported
Discr Partial Reject Indicator:	Not reported
Discr Full Reject Indicator:	Not reported
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	Not reported
Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	00220
Units:	P - Pounds
Number of Containers:	006
Container Type:	CY - Cylinders

RAYTHEON COMPANY (Continued) **1015732613**

Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	01.00
Document ID:	NYB1551150
Manifest Status:	K
seq:	Not reported
Year:	1990
Trans1 State ID:	105297
Trans2 State ID:	11340PNY
Generator Ship Date:	08/06/1990
Trans1 Recv Date:	08/06/1990
Trans2 Recv Date:	08/08/1990
TSD Site Recv Date:	08/20/1990
Part A Recv Date:	09/05/1990
Part B Recv Date:	09/07/1990
Generator EPA ID:	CAD000633230
Trans1 EPA ID:	NYD980769947
Trans2 EPA ID:	Not reported
TSDF ID 1:	NYD000632372
TSDF ID 2:	Not reported
Manifest Tracking Number:	Not reported
Import Indicator:	Not reported
Export Indicator:	Not reported
Discr Quantity Indicator:	Not reported
Discr Type Indicator:	Not reported
Discr Residue Indicator:	Not reported
Discr Partial Reject Indicator:	Not reported
Discr Full Reject Indicator:	Not reported
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	Not reported
Waste Code:	D003 - NON-LISTED REACTIVE WASTES
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	00008
Units:	Y - Cubic yards* (.85 tons)
Number of Containers:	001
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	100

84
ENE
1/2-1
0.587 mi.
3098 ft.

Relative:
Lower

Actual:
107 ft.

NORTHROP CORP AIRCRAFT DIV
2043 E MARIPOSA AVENUE
EL SEGUNDO, CA 90245

SEMS-ARCHIVE **1000409954**
CORRACTS **CAD000627216**
RCRA-TSDF
RCRA NonGen / NLR
CA EMI
CA LOS ANGELES CO. HMS
CA HWP

SEMS-ARCHIVE:

Site ID:	900299
EPA ID:	CAD000627216
Federal Facility:	N

NORTHROP CORP AIRCRAFT DIV (Continued) **1000409954**

NPL: Not on the NPL
Non NPL Status: NFRAP-Site does not qualify for the NPL based on existing information

Following information was gathered from the prior CERCLIS update completed in 10/2013:
Site ID: 0900299
Federal Facility: Not a Federal Facility
NPL Status: Not on the NPL
Non NPL Status: NFRAP-Site does not qualify for the NPL based on existing information

CERCLIS-NFRAP Site Contact Details:
Contact Sequence ID: 13286567.00000
Person ID: 13003854.00000

Contact Sequence ID: 13292162.00000
Person ID: 13003858.00000

Contact Sequence ID: 13298020.00000
Person ID: 13004003.00000

CERCLIS-NFRAP Assessment History:
Action: PRELIMINARY ASSESSMENT
Date Started: / /
Date Completed: 06/06/90
Priority Level: NFRAP-Site does not qualify for the NPL based on existing information

Action: ARCHIVE SITE
Date Started: / /
Date Completed: 06/06/90
Priority Level: Not reported

Action: DISCOVERY
Date Started: / /
Date Completed: 05/08/90
Priority Level: Not reported

CORRACTS:

EPA ID: CAD000627216
EPA Region: 09
Area Name: ENTIRE FACILITY
Actual Date: 19900606
Action: CA075LO - CA Prioritization, Facility or area was assigned a low corrective action priority
NAICS Code(s): 336411
Aircraft Manufacturing
Original schedule date: Not reported
Schedule end date: Not reported

RCRA-TSDF:
Date form received by agency: 09/10/1993
Facility name: NORTHROP CORP AIRCRAFT DIV
Facility address: 2043 E MARIPOSA AVENUE
EL SEGUNDO, CA 90245
EPA ID: CAD000627216
Mailing address: 3901 W BROADWAY

NORTHROP CORP AIRCRAFT DIV (Continued) **1000409954**

HAWTHORNE, CA 90250
Contact: Not reported
Contact address: Not reported
Not reported
Contact country: US
Contact telephone: Not reported
Contact email: Not reported
EPA Region: 09
Land type: Facility is not located on Indian land. Additional information is not known.
Classification: TSDF
Description: Handler is engaged in the treatment, storage or disposal of hazardous waste
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:
Owner/operator name: NORTHROP CORP AIRCRAFT DIVISION AU
Owner/operator address: 2043 EAST MARIPOSA AVENUE
CITY NOT REPORTED, CA 99999
Owner/operator country: Not reported
Owner/operator telephone: (213) 970-4704
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: NORTHROP CORP AIRCRAFT DIVISION AU
Owner/operator address: 2043 EAST MARIPOSA AVENUE
EL SEGUNDO, CA 90245
Owner/operator country: Not reported
Owner/operator telephone: (213) 970-4704
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 04/28/1992
Site name: NORTHROP CORP/AIRCRAFT DIV

NORTHROP CORP AIRCRAFT DIV (Continued) **1000409954**

Classification: Large Quantity Generator

Date form received by agency: 04/12/1990
Site name: NORTHROP CORPORATION AIRCRAFT DIV
Classification: Large Quantity Generator

Date form received by agency: 08/18/1980
Site name: NORTHROP CORP AIRCRAFT DIV
Classification: Not a generator, verified

Corrective Action Summary:
Event date: 01/01/1990
Event: CA029ST

Event date: 06/06/1990
Event: CA074LO

Event date: 06/06/1990
Event: CA Prioritization, Facility or area was assigned a low corrective action priority.

Event date: 06/06/1990
Event: CA049PA

Facility Has Received Notices of Violations:
Regulation violated: F - 263
Area of violation: Transporters - General
Date violation determined: 05/18/1989
Date achieved compliance: 08/17/1989
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 06/28/1989
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: F - 262.20-23.B
Area of violation: Generators - General
Date violation determined: 05/18/1989
Date achieved compliance: 08/17/1989
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 06/28/1989
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Evaluation Action Summary:
Evaluation date: 05/23/1989
Evaluation: FINANCIAL RECORD REVIEW

NORTHROP CORP AIRCRAFT DIV (Continued) **1000409954**

Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 05/18/1989
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 08/17/1989
Evaluation lead agency: State

Evaluation date: 05/18/1989
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Transporters - General
Date achieved compliance: 08/17/1989
Evaluation lead agency: State

Evaluation date: 07/10/1987
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 07/10/1987
Evaluation: FOCUSED COMPLIANCE INSPECTION
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

EMI:
Year: 1987
County Code: 19
Air Basin: SC
Facility ID: 46825
Air District Name: SC
SIC Code: 3761
Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 8
Reactive Organic Gases Tons/Yr: 2
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr: 0

Year: 1990
County Code: 19
Air Basin: SC
Facility ID: 46825
Air District Name: SC
SIC Code: 3812
Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 10
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 0

NORTHROP CORP AIRCRAFT DIV (Continued) **1000409954**

NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr: 0

LOS ANGELES CO. HMS:
Region: LA
Permit Category: T
Facility Id: 015796-016908
Facility Type: 0
Facility Status: Closed
Area: 2N
Permit Number: 0000T6346
Permit Status: Closed

HWP:
EPA Id: CAD000627216
Cleanup Status: CLOSED
Latitude: 33.92344
Longitude: -118.3904
Facility Type: Historical - Non-Operating
Facility Size: Not reported
Team: Not reported
Supervisor: Not reported
Site Code: Not reported
Assembly District: 62
Senate District: 26
Public Information Officer: Not reported
Public Information Officer: Not reported

Activities:
EPA Id: CAD000627216
Facility Type: Historical - Non-Operating
Unit Names: CONTAIN1, TANKSTR1, TANKTRT1
Event Description: New Operating Permit - FINAL PERMIT - WITHDRAWAL REQUEST ACKNOWLEDGED
Actual Date: 08/31/1989

EPA Id: CAD000627216
Facility Type: Historical - Non-Operating
Unit Names: CONTAIN1, TANKSTR1, TANKTRT1
Event Description: New Operating Permit - APPLICATION PART A RECEIVED
Actual Date: 11/19/1980

EPA Id: CAD000627216
Facility Type: Historical - Non-Operating
Unit Names: CONTAIN1, TANKSTR1, TANKTRT1
Event Description: New Operating Permit - FINAL PERMIT - WITHDRAWAL REQUEST RECEIVED
Actual Date: 08/23/1988

Closure:
EPA Id: CAD000627216
Facility Type: Historical - Non-Operating
Unit Names: CONTAIN1, INCIN1, TANKSTR1, TANKTRT1
Event Description: Closure Final - RECEIVE CLOSURE CERTIFICATION
Actual Date: 06/25/1991

NORTHROP CORP AIRCRAFT DIV (Continued) **1000409954**

EPA Id:	CAD000627216
Facility Type:	Historical - Non-Operating
Unit Names:	CONTAIN1, INCIN1, TANKSTR1, TANKTRT1
Event Description:	Closure Final - ISSUE CLOSURE VERIFICATION
Actual Date:	09/30/1991

T85 **EL SEGUNDO STORAGE ANNEX** **CA ENVIROSTOR** **S107736275**
NNE **N/A**
1/2-1 **EL SEGUNDO, CA**
0.594 mi.
3135 ft. **Site 1 of 2 in cluster T**

Relative:
Higher

Actual:
130 ft.

ENVIROSTOR:

Facility ID:	80000076
Status:	Inactive - Needs Evaluation
Status Date:	07/01/2005
Site Code:	Not reported
Site Type:	Military Evaluation
Site Type Detailed:	FUDS
Acres:	Not reported
NPL:	NO
Regulatory Agencies:	SMBRP
Lead Agency:	SMBRP
Program Manager:	Not reported
Supervisor:	Douglas Bautista
Division Branch:	Cleanup Cypress
Assembly:	62
Senate:	26
Special Program:	Not reported
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	DERA
Latitude:	33.92916
Longitude:	-118.3969
APN:	NONE SPECIFIED
Past Use:	NONE SPECIFIED
Potential COC:	NONE SPECIFIED
Confirmed COC:	NONE SPECIFIED
Potential Description:	NONE SPECIFIED
Alias Name:	CA99799F531700
Alias Type:	Federal Facility ID
Alias Name:	J09CA0113
Alias Type:	INPR
Alias Name:	80000076
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	Not reported
Completed Sub Area Name:	Not reported
Completed Document Type:	Not reported
Completed Date:	Not reported
Comments:	Not reported
Future Area Name:	Not reported
Future Sub Area Name:	Not reported
Future Document Type:	Not reported
Future Due Date:	Not reported

EL SEGUNDO STORAGE ANNEX (Continued) **S107736275**

Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

T86 **NWRIP DOD #26** **CA ENVIROSTOR** **S107736934**
NNE **N/A**
1/2-1 **EL SEGUNDO, CA**
0.594 mi.
3135 ft. **Site 2 of 2 in cluster T**

Relative:
Higher

Actual:
130 ft.

ENVIROSTOR:
Facility ID: 80000638
Status: Inactive - Needs Evaluation
Status Date: 07/01/2005
Site Code: Not reported
Site Type: Military Evaluation
Site Type Detailed: FUDS
Acres: Not reported
NPL: NO
Regulatory Agencies: SMBRP
Lead Agency: SMBRP
Program Manager: Not reported
Supervisor: Douglas Bautista
Division Branch: Cleanup Cypress
Assembly: 62
Senate: 26
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: DERA
Latitude: 33.92916
Longitude: -118.3969
APN: NONE SPECIFIED
Past Use: NONE SPECIFIED
Potential COC: NONE SPECIFIED
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: CA99799F686900
Alias Type: Federal Facility ID
Alias Name: J09CA1029
Alias Type: INPR
Alias Name: 80000638
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: Not reported
Completed Sub Area Name: Not reported
Completed Document Type: Not reported
Completed Date: Not reported
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported

NWRIP DOD #26 (Continued) **S107736934**

Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

87
NE
1/2-1
0.596 mi.
3148 ft.

RAYTHEON CO
2030 MAPLE AVENUE
EL SEGUNDO, CA 90245

CA ENVIROSTOR **S103983824**
CA HWP **N/A**

Relative:
Lower

Actual:
109 ft.

ENVIROSTOR:
Facility ID: 60001344
Status: Active
Status Date: 04/14/2015
Site Code: 300315
Site Type: Corrective Action
Site Type Detailed: Corrective Action
Acres: 15.5
NPL: NO
Regulatory Agencies: HWMP
Lead Agency: HWMP
Program Manager: Don Indermill
Supervisor: Philip Chandler
Division Branch: Cleanup Chatsworth
Assembly: 62
Senate: 26
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Responsible Party
Latitude: 33.92618
Longitude: -118.3912
APN: NONE SPECIFIED
Past Use: ABOVE GROUND STORAGE TANKS, AEROSPACE MANUFACTURING/MAINTENANCE, HAZARDOUS WASTE STORAGE - TANKS/CONTAINERS, MANUFACTURING - ELECTRONIC, MANUFACTURING - METAL, METAL FINISHING, METAL PLATING - CHROME, METAL PLATING - OTHER, SAND BLASTING, UNKNOWN, AEROSPACE MANUFACTURING/MAINTENANCE, MANUFACTURING - ELECTRONIC
Potential COC: Under Investigation Under Investigation
Confirmed COC: Not reported
Potential Description: UE, UE
Alias Name: CAT080010853
Alias Type: EPA Identification Number
Alias Name: CAT080010853
Alias Type: EPA Identification Number
Alias Name: 300315
Alias Type: Project Code (Site Code)
Alias Name: 60001344
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Corrective Action Oversight Cost Recovery Estimate
Completed Date: 10/11/2013
Comments: Not reported

RAYTHEON CO (Continued) **S103983824**

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 09/26/2014
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

HWP:
EPA Id: CAT080010853
Cleanup Status: UNDERGOING CLOSURE
Latitude: 33.92695
Longitude: -118.3912
Facility Type: Historical - Non-Operating
Facility Size: Not reported
Team: Not reported
Supervisor: Not reported
Site Code: TBD, 300315
Assembly District: 62
Senate District: 26
Public Information Officer: Not reported
Public Information Officer: Not reported

Activities:
EPA Id: CAT080010853
Facility Type: Historical - Non-Operating
Unit Names: CONTAIN1, Tankstr
Event Description: New Operating Permit - FINAL PERMIT (EXPIRES)
Actual Date: 06/28/1990

EPA Id: CAT080010853
Facility Type: Historical - Non-Operating
Unit Names: CONTAIN1, Tankstr
Event Description: New Operating Permit - FINAL PERMIT (EFFECTIVE)
Actual Date: 06/28/1985

EPA Id: CAT080010853
Facility Type: Historical - Non-Operating
Unit Names: CONTAIN1, Tankstr
Event Description: New Operating Permit - FINAL PERMIT
Actual Date: 06/28/1985

EPA Id: CAT080010853
Facility Type: Historical - Non-Operating
Unit Names: CONTAIN1, Tankstr
Event Description: New Operating Permit - FINAL PERMIT - WITHDRAWAL REQUEST RECEIVED
Actual Date: 01/15/1992

EPA Id: CAT080010853

RAYTHEON CO (Continued) **S103983824**

Facility Type: Historical - Non-Operating
Unit Names: CONTAIN1, Tankstr
Event Description: New Operating Permit - PUBLIC COMMENT (BEGIN)
Actual Date: 04/26/1985

EPA Id: CAT080010853
Facility Type: Historical - Non-Operating
Unit Names: CONTAIN1, Tankstr
Event Description: New Operating Permit - CALL-IN LETTER ISSUED
Actual Date: 02/02/1983

EPA Id: CAT080010853
Facility Type: Historical - Non-Operating
Unit Names: CONTAIN1, Tankstr
Event Description: New Operating Permit - DRAFT PERMIT
Actual Date: 04/26/1985

EPA Id: CAT080010853
Facility Type: Historical - Non-Operating
Unit Names: CONTAIN1, Tankstr
Event Description: New Operating Permit - APPLICATION PART B RECEIVED
Actual Date: 05/17/1983

EPA Id: CAT080010853
Facility Type: Historical - Non-Operating
Unit Names: CONTAIN1, Tankstr
Event Description: New Operating Permit - FINAL PERMIT - WITHDRAWAL REQUEST ACKNOWLEDGED
Actual Date: 06/25/1992

Closure:
EPA Id: CAT080010853
Facility Type: Historical - Non-Operating
Unit Names: CONTAIN1
Event Description: Closure - CLOSURE PLAN APPROVED
Actual Date: 06/25/1992

EPA Id: CAT080010853
Facility Type: Historical - Non-Operating
Unit Names: CONTAIN1
Event Description: Closure - ISSUE CLOSURE VERIFICATION
Actual Date: 01/20/1995

EPA Id: CAT080010853
Facility Type: Historical - Non-Operating
Unit Names: CONTAIN1
Event Description: Closure - CLOSURE PLAN RECEIVED
Actual Date: 01/15/1992

Alias:
EPA Id: CAT080010853
Facility Type: Historical - Non-Operating
Alias Type: Project Code (Site Code)
Alias: TBD

EPA Id: CAT080010853
Facility Type: Historical - Non-Operating

RAYTHEON CO (Continued) **S103983824**

Alias Type: Project Code (Site Code)
Alias: 300315

88
WSW
1/2-1
0.611 mi.
3224 ft.

STANDARD OIL CO. **CA ENVIROSTOR** **S107737403**
N/A

EL SEGUNDO, CA

Relative:
Lower

Actual:
100 ft.

ENVIROSTOR:
Facility ID: 80001144
Status: Inactive - Needs Evaluation
Status Date: 07/01/2005
Site Code: Not reported
Site Type: Military Evaluation
Site Type Detailed: FUDS
Acres: Not reported
NPL: NO
Regulatory Agencies: SMBRP
Lead Agency: SMBRP
Program Manager: Not reported
Supervisor: Douglas Bautista
Division Branch: Cleanup Cypress
Assembly: 62
Senate: 26
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: DERA
Latitude: 33.91527
Longitude: -118.4097
APN: NONE SPECIFIED
Past Use: NONE SPECIFIED
Potential COC: NONE SPECIFIED
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: CA99799FA47300
Alias Type: Federal Facility ID
Alias Name: J09CA7447
Alias Type: INPR
Alias Name: 80001144
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Inventory Project Report (INPR)
Completed Date: 07/01/1999
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported

STANDARD OIL CO. (Continued) **S107737403**

Schedule Due Date: Not reported
Schedule Revised Date: Not reported

89
ENE
1/2-1
0.717 mi.
3787 ft.

HILTON GARDEN INN **CA ENVIROSTOR S104156165**
MARIPOSA AVENUE AND NASH STREET **CA VCP N/A**
EL SEGUNDO, CA 90245

Relative:
Lower

Actual:
102 ft.

ENVIROSTOR:

Facility ID:	19130106
Status:	No Further Action
Status Date:	09/24/1999
Site Code:	300779
Site Type:	Voluntary Cleanup
Site Type Detailed:	Voluntary Cleanup
Acres:	3.5
NPL:	NO
Regulatory Agencies:	SMBRP
Lead Agency:	SMBRP
Program Manager:	Joseph Cully
Supervisor:	Douglas Bautista
Division Branch:	Cleanup Cypress
Assembly:	62
Senate:	26
Special Program:	Voluntary Cleanup Program
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	Responsible Party
Latitude:	33.92305
Longitude:	-118.3872
APN:	NONE SPECIFIED
Past Use:	OIL FIELD
Potential COC:	* HYDROCARBON SOLVENTS * CONTAMINATED SOIL
Confirmed COC:	NONE SPECIFIED
Potential Description:	SOIL
Alias Name:	110033614881
Alias Type:	EPA (FRS #)
Alias Name:	300779
Alias Type:	Project Code (Site Code)
Alias Name:	19130106
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Voluntary Cleanup Agreement
Completed Date:	09/24/1999
Comments:	Not reported

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Preliminary Endangerment Assessment Report
Completed Date:	07/07/2000
Comments:	Approved a Preliminary Endangerment Assessment (PEA) Report which the consultant had performed for this site. "No Further Action" is necessary.

HILTON GARDEN INN (Continued) **S104156165**

Future Area Name:	Not reported
Future Sub Area Name:	Not reported
Future Document Type:	Not reported
Future Due Date:	Not reported
Schedule Area Name:	Not reported
Schedule Sub Area Name:	Not reported
Schedule Document Type:	Not reported
Schedule Due Date:	Not reported
Schedule Revised Date:	Not reported

VCP:

Facility ID:	19130106
Site Type:	Voluntary Cleanup
Site Type Detail:	Voluntary Cleanup
Site Mgmt. Req.:	NONE SPECIFIED
Acres:	3.5
National Priorities List:	NO
Cleanup Oversight Agencies:	SMBRP
Lead Agency:	SMBRP
Lead Agency Description:	DTSC - Site Cleanup Program
Project Manager:	Joseph Cully
Supervisor:	Douglas Bautista
Division Branch:	Cleanup Cypress
Site Code:	300779
Assembly:	62
Senate:	26
Special Programs Code:	Voluntary Cleanup Program
Status:	No Further Action
Status Date:	09/24/1999
Restricted Use:	NO
Funding:	Responsible Party
Lat/Long:	33.92305 / -118.3872
APN:	NONE SPECIFIED
Past Use:	OIL FIELD
Potential COC:	10009, 10097
Confirmed COC:	NONE SPECIFIED
Potential Description:	SOIL
Alias Name:	110033614881
Alias Type:	EPA (FRS #)
Alias Name:	300779
Alias Type:	Project Code (Site Code)
Alias Name:	19130106
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Voluntary Cleanup Agreement
Completed Date:	09/24/1999
Comments:	Not reported

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Preliminary Endangerment Assessment Report
Completed Date:	07/07/2000
Comments:	Approved a Preliminary Endangerment Assessment (PEA) Report which the consultant had performed for this site. "No Further Action" is

HILTON GARDEN INN (Continued) **S104156165**

necessary.

Future Area Name:	Not reported
Future Sub Area Name:	Not reported
Future Document Type:	Not reported
Future Due Date:	Not reported
Schedule Area Name:	Not reported
Schedule Sub Area Name:	Not reported
Schedule Document Type:	Not reported
Schedule Due Date:	Not reported
Schedule Revised Date:	Not reported

U90 **BOEING SATELLITE SYSTEMS INC** **CA ENVIROSTOR** **1006816013**
NNE **1920 E IMPERIAL HWY** **N/A**
1/2-1 **EL SEGUNDO, CA 90245**
0.760 mi.
4011 ft. **Site 1 of 2 in cluster U**

Relative:
Lower

Actual:
106 ft.

ENVIROSTOR:

Facility ID:	80001440
Status:	Active
Status Date:	01/01/2008
Site Code:	300215
Site Type:	Corrective Action
Site Type Detailed:	Corrective Action
Acres:	52
NPL:	NO
Regulatory Agencies:	SMBRP
Lead Agency:	WM
Program Manager:	Vu Nguyen
Supervisor:	Philip Chandler
Division Branch:	Cleanup Chatsworth
Assembly:	62
Senate:	26
Special Program:	Not reported
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	Not reported
Latitude:	33.93053
Longitude:	-118.3937
APN:	4138005044
Past Use:	MANUFACTURING - ELECTRONIC
Potential COC:	Freon 113
Confirmed COC:	Freon 113
Potential Description:	OTH
Alias Name:	4138005044
Alias Type:	APN
Alias Name:	CAD060897063
Alias Type:	EPA Identification Number
Alias Name:	110000609672
Alias Type:	EPA (FRS #)
Alias Name:	300215
Alias Type:	Project Code (Site Code)
Alias Name:	80001440
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE

BOEING SATELLITE SYSTEMS INC (Continued) **1006816013**

Completed Sub Area Name: Not reported
Completed Document Type: Interim Measures Questionnaire
Completed Date: 08/14/1992
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: RCRA Facility Assessment Report
Completed Date: 06/01/1992
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Consent Order
Completed Date: 11/16/2006
Comments: Signed CACA.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Human Exposure Controlled
Completed Date: 06/13/2013
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Groundwater Migration Controlled
Completed Date: 06/24/2013
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Corrective Action Oversight Cost Recovery Estimate
Completed Date: 10/24/2013
Comments: Cost estimate for 2013/2014.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 10/09/2014
Comments: Not reported

Completed Area Name: S-16 HWMU
Completed Sub Area Name: Not reported
Completed Document Type: Certification
Completed Date: 06/29/2015
Comments: Certification completed.

Completed Area Name: S-15 HWMU
Completed Sub Area Name: Not reported
Completed Document Type: Certification
Completed Date: 06/29/2015
Comments: Certification completed.

Completed Area Name: S-17 HWMU
Completed Sub Area Name: Not reported
Completed Document Type: Certification
Completed Date: 06/29/2015

BOEING SATELLITE SYSTEMS INC (Continued) **1006816013**

Comments: Certification completed.

Completed Area Name: S-12 HWMU
Completed Sub Area Name: Not reported
Completed Document Type: Certification
Completed Date: 06/29/2015
Comments: Certification completed.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 10/13/2015
Comments: Uploaded and mailed out.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: RFI Report
Completed Date: 01/26/2012
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: RFI Workplan
Completed Date: 01/07/2010
Comments: Facility submitted one workplan that was approved as a final on 1/7/2010.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: RFI Workplan Addendum
Completed Date: 04/27/2010
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: RFI Workplan Addendum
Completed Date: 07/18/2008
Comments: This is a final addendum workplan 1 with clarifications from previous meetings.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: RFI Workplan
Completed Date: 09/04/2008
Comments: This workplan was approved in Sept. 2008.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Risk Assessment Workplan
Completed Date: 06/23/2009
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Risk Assessment Report
Completed Date: 01/28/2012
Comments: Approved with RFI Report.

BOEING SATELLITE SYSTEMS INC (Continued) **1006816013**

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Plan
Completed Date: 06/19/2012
Comments: Approved.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 04/23/2013
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Risk Assessment Report
Completed Date: 11/08/2012
Comments: DTSC approves the HRA Report as submitted.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Workplan
Completed Date: 08/07/2013
Comments: Approved.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Interim Measures Workplan
Completed Date: 10/31/2013
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 06/18/2013
Comments: Document reviewed and approved.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 05/09/2014
Comments: DTSC has no comment.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 05/09/2014
Comments: DTSC has no comments. Results from the report will be used to recommend corrective action termination.

Completed Area Name: S-16 HWMU
Completed Sub Area Name: Not reported
Completed Document Type: RFI Report
Completed Date: 06/24/2014
Comments: Not reported

Completed Area Name: Building 17
Completed Sub Area Name: Not reported

BOEING SATELLITE SYSTEMS INC (Continued) **1006816013**

Completed Document Type: Removal Action Completion Report
Completed Date: 06/30/2014
Comments: Not reported

Completed Area Name: S-17 HWMU
Completed Sub Area Name: Not reported
Completed Document Type: RFI Report
Completed Date: 06/30/2014
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fact Sheets
Completed Date: 04/19/2016
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Public Notice
Completed Date: 04/19/2016
Comments: Not reported

Completed Area Name: S-12 HWMU
Completed Sub Area Name: Not reported
Completed Document Type: RFI Report
Completed Date: 06/29/2015
Comments: Not reported

Completed Area Name: S-15 HWMU
Completed Sub Area Name: Not reported
Completed Document Type: RFI Report
Completed Date: 06/29/2015
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 01/20/2015
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Community Profile
Completed Date: 04/19/2016
Comments: Not reported

Future Area Name: PROJECT WIDE
Future Sub Area Name: Not reported
Future Document Type: Land Use Restriction
Future Due Date: 2016
Future Area Name: PROJECT WIDE
Future Sub Area Name: Not reported
Future Document Type: Remedy Constructed
Future Due Date: 2016
Future Area Name: PROJECT WIDE
Future Sub Area Name: Not reported
Future Document Type: Remedy Selection and Statement of Basis

BOEING SATELLITE SYSTEMS INC (Continued) **1006816013**

Future Due Date: 2016
Schedule Area Name: PROJECT WIDE
Schedule Sub Area Name: Not reported
Schedule Document Type: Corrective Action Completion Determination
Schedule Due Date: 04/16/2016
Schedule Revised Date: Not reported
Schedule Area Name: PROJECT WIDE
Schedule Sub Area Name: Not reported
Schedule Document Type: CEQA - Notice of Exemption
Schedule Due Date: 04/21/2016
Schedule Revised Date: Not reported

U91 **THE BOEING COMPANY** **SEMS-ARCHIVE** **1000240982**
NNE **1920 E. IMPERIAL HWY** **CORRACTS** **CAD060897063**
1/2-1 **EL SEGUNDO, CA 90245** **RCRA-TSDF**
0.760 mi. **RCRA-LQG**
4011 ft. **Site 2 of 2 in cluster U** **CA SWEEPS UST**
US FIN ASSUR
Relative: **2020 COR ACTION**
Lower **CA LOS ANGELES CO. HMS**
CA HWP
Actual:
106 ft.

SEMS-ARCHIVE:
Site ID: 903305
EPA ID: CAD060897063
Federal Facility: N
NPL: Not on the NPL
Non NPL Status: Deferred to RCRA

Following information was gathered from the prior CERCLIS update completed in 10/2013:
Site ID: 0903305
Federal Facility: Not a Federal Facility
NPL Status: Not on the NPL
Non NPL Status: Deferred to RCRA

CERCLIS-NFRAP Site Contact Details:
Contact Sequence ID: 13290078.00000
Person ID: 13003854.00000

Contact Sequence ID: 13295673.00000
Person ID: 13003858.00000

Contact Sequence ID: 13301531.00000
Person ID: 13004003.00000

Program Priority:
Description: RCRA Deferral - Lead Confirmed

CERCLIS-NFRAP Assessment History:
Action: PRELIMINARY ASSESSMENT
Date Started: / /
Date Completed: 03/08/91
Priority Level: Deferred to RCRA (Subtitle C)

Action: ARCHIVE SITE
Date Started: / /

THE BOEING COMPANY (Continued) **1000240982**

Date Completed: 01/23/96
Priority Level: Not reported

Action: DISCOVERY
Date Started: / /
Date Completed: 08/24/90
Priority Level: Not reported

CORRACTS:

EPA ID: CAD060897063
EPA Region: 09
Area Name: ENTIRE FACILITY
Actual Date: 20130613
Action: CA725YE - Current Human Exposures Under Control, Yes, Current Human Exposures Under Control has been verified
NAICS Code(s): 33421
Telephone Apparatus Manufacturing
Original schedule date: 20100921
Schedule end date: Not reported

EPA ID: CAD060897063
EPA Region: 09
Area Name: ENTIRE FACILITY
Actual Date: 19920814
Action: CA075ME - CA Prioritization, Facility or area was assigned a medium corrective action priority
NAICS Code(s): 33421
Telephone Apparatus Manufacturing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: CAD060897063
EPA Region: 09
Area Name: ENTIRE FACILITY
Actual Date: 20100921
Action: CA725YE - Current Human Exposures Under Control, Yes, Current Human Exposures Under Control has been verified
NAICS Code(s): 33421
Telephone Apparatus Manufacturing
Original schedule date: 20100921
Schedule end date: Not reported

EPA ID: CAD060897063
EPA Region: 09
Area Name: ENTIRE FACILITY
Actual Date: 20130624
Action: CA750YE - Migration of Contaminated Groundwater under Control, Yes, Migration of Contaminated Groundwater Under Control has been verified
NAICS Code(s): 33421
Telephone Apparatus Manufacturing
Original schedule date: 20130608
Schedule end date: Not reported

EPA ID: CAD060897063
EPA Region: 09

THE BOEING COMPANY (Continued) **1000240982**

Area Name: ENTIRE FACILITY
Actual Date: 19910227
Action: CA075ME - CA Prioritization, Facility or area was assigned a medium corrective action priority
NAICS Code(s): 33421
Telephone Apparatus Manufacturing
Original schedule date: Not reported
Schedule end date: Not reported

RCRA-TSDF:
Date form received by agency: 03/01/2014
Facility name: THE BOEING COMPANY
Facility address: 1920 E. IMPERIAL HWY
EL SEGUNDO, CA 90245
EPA ID: CAD060897063
Mailing address: PO BOX 92919 W/S25/D581
LOS ANGELES, CA 90009
Contact: JERROD NEWLANDER
Contact address: PO BOX 92919 W/S25/D581
LOS ANGELES, CA 90009
Contact country: Not reported
Contact telephone: (310) 416-5680
Contact email: JERROD.J.NEWLANDER@BOEING.COM
EPA Region: 09
Land type: Private
Classification: TSDF
Description: Handler is engaged in the treatment, storage or disposal of hazardous waste
Classification: Large Quantity Generator
Description: Handler: generates 1,000 kg or more of hazardous waste during any calendar month; or generates more than 1 kg of acutely hazardous waste during any calendar month; or generates more than 100 kg of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month; or generates 1 kg or less of acutely hazardous waste during any calendar month, and accumulates more than 1 kg of acutely hazardous waste at any time; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates more than 100 kg of that material at any time

Owner/Operator Summary:
Owner/operator name: BOEING SATELLITE SYSTEMS INC
Owner/operator address: P O BOX 92919
LOS ANGELES, CA 90009
Owner/operator country: Not reported
Owner/operator telephone: (310) 416-2241
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: THE BOEING COMPANY
Owner/operator address: E. IMPERIAL HWY 92919 W/S25/D581
EL SEGUNDO, CA 90245

THE BOEING COMPANY (Continued) **1000240982**

Owner/operator country: Not reported
Owner/operator telephone: (310) 416-5680
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 10/06/2000
Owner/Op end date: Not reported

Owner/operator name: THE BOEING COMPANY
Owner/operator address: Not reported
Not reported
Owner/operator country: Not reported
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 10/06/2000
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: Yes
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

. Waste code: 121
. Waste name: 121

. Waste code: 122
. Waste name: 122

. Waste code: 134
. Waste name: 134

. Waste code: 141
. Waste name: 141

. Waste code: 151
. Waste name: 151

. Waste code: 181
. Waste name: 181

. Waste code: 212
. Waste name: 212

. Waste code: 213
. Waste name: 213

THE BOEING COMPANY (Continued) **1000240982**

. Waste code: 221
. Waste name: 221

. Waste code: 223
. Waste name: 223

. Waste code: 261
. Waste name: 261

. Waste code: 331
. Waste name: 331

. Waste code: 352
. Waste name: 352

. Waste code: 513
. Waste name: 513

. Waste code: 541
. Waste name: 541

. Waste code: 611
. Waste name: 611

. Waste code: 711
. Waste name: 711

. Waste code: 726
. Waste name: 726

. Waste code: 791
. Waste name: 791

. Waste code: 792
. Waste name: 792

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: D002
. Waste name: CORROSIVE WASTE

. Waste code: D003
. Waste name: REACTIVE WASTE

. Waste code: D005
. Waste name: BARIUM

. Waste code: D006
. Waste name: CADMIUM

. Waste code: D007
. Waste name: CHROMIUM

. Waste code: D008
. Waste name: LEAD

THE BOEING COMPANY (Continued) **1000240982**

. Waste code: D009
. Waste name: MERCURY

. Waste code: D010
. Waste name: SELENIUM

. Waste code: D011
. Waste name: SILVER

. Waste code: D018
. Waste name: BENZENE

. Waste code: D035
. Waste name: METHYL ETHYL KETONE

. Waste code: F001
. Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS USED IN DEGREASING: TETRACHLOROETHYLENE, TRICHLORETHYLENE, METHYLENE CHLORIDE, 1,1,1-TRICHLOROETHANE, CARBON TETRACHLORIDE AND CHLORINATED FLUOROCARBONS; ALL SPENT SOLVENT MIXTURES/BLENDS USED IN DEGREASING CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F003
. Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F005
. Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F007
. Waste name: SPENT CYANIDE PLATING BATH SOLUTIONS FROM ELECTROPLATING OPERATIONS.

. Waste code: LABP
. Waste name: LAB PACK

. Waste code: P098
. Waste name: POTASSIUM CYANIDE (OR) POTASSIUM CYANIDE K(CN)

. Waste code: P106
. Waste name: SODIUM CYANIDE (OR) SODIUM CYANIDE NA(CN)

THE BOEING COMPANY (Continued) **1000240982**

. Waste code: U133
. Waste name: HYDRAZINE (R,T)

. Waste code: U220
. Waste name: BENZENE, METHYL- (OR) TOLUENE

Historical Generators:
Date form received by agency: 12/19/2012
Site name: THE BOEING COMPANY
Classification: Large Quantity Generator

. Waste code: 121
. Waste name: 121

. Waste code: 122
. Waste name: 122

. Waste code: 134
. Waste name: 134

. Waste code: 141
. Waste name: 141

. Waste code: 151
. Waste name: 151

. Waste code: 181
. Waste name: 181

. Waste code: 212
. Waste name: 212

. Waste code: 213
. Waste name: 213

. Waste code: 221
. Waste name: 221

. Waste code: 223
. Waste name: 223

. Waste code: 261
. Waste name: 261

. Waste code: 331
. Waste name: 331

. Waste code: 352
. Waste name: 352

. Waste code: 513
. Waste name: 513

. Waste code: 541
. Waste name: 541

. Waste code: 611

THE BOEING COMPANY (Continued) **1000240982**

. Waste name: 611

. Waste code: 711
. Waste name: 711

. Waste code: 726
. Waste name: 726

. Waste code: 791
. Waste name: 791

. Waste code: 792
. Waste name: 792

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: D002
. Waste name: CORROSIVE WASTE

. Waste code: D003
. Waste name: REACTIVE WASTE

. Waste code: D004
. Waste name: ARSENIC

. Waste code: D005
. Waste name: BARIUM

. Waste code: D006
. Waste name: CADMIUM

. Waste code: D007
. Waste name: CHROMIUM

. Waste code: D008
. Waste name: LEAD

. Waste code: D009
. Waste name: MERCURY

. Waste code: D010
. Waste name: SELENIUM

. Waste code: D011
. Waste name: SILVER

. Waste code: D018
. Waste name: BENZENE

. Waste code: D035
. Waste name: METHYL ETHYL KETONE

. Waste code: F001
. Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS USED IN DEGREASING: TETRACHLOROETHYLENE, TRICHLORETHYLENE, METHYLENE CHLORIDE, 1,1,1-TRICHLOROETHANE, CARBON TETRACHLORIDE AND CHLORINATED

THE BOEING COMPANY (Continued) **1000240982**

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.

. Waste code: F002
. Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F003
. Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F005
. Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F007
. Waste name: SPENT CYANIDE PLATING BATH SOLUTIONS FROM ELECTROPLATING OPERATIONS.

. Waste code: P098
. Waste name: POTASSIUM CYANIDE (OR) POTASSIUM CYANIDE K(CN)

. Waste code: P106
. Waste name: SODIUM CYANIDE (OR) SODIUM CYANIDE NA(CN)

. Waste code: U002
. Waste name: 2-PROPANONE (I) (OR) ACETONE (I)

. Waste code: U133
. Waste name: HYDRAZINE (R,T)

Date form received by agency: 08/21/2012
Site name: BOEING SATELLITE SYSTEMS, INC.
Classification: Large Quantity Generator

THE BOEING COMPANY (Continued) **1000240982**

. Waste code: 121
. Waste name: 121

. Waste code: 122
. Waste name: 122

. Waste code: 134
. Waste name: 134

. Waste code: 141
. Waste name: 141

. Waste code: 151
. Waste name: 151

. Waste code: 181
. Waste name: 181

. Waste code: 211
. Waste name: 211

. Waste code: 212
. Waste name: 212

. Waste code: 213
. Waste name: 213

. Waste code: 221
. Waste name: 221

. Waste code: 223
. Waste name: 223

. Waste code: 261
. Waste name: 261

. Waste code: 331
. Waste name: 331

. Waste code: 352
. Waste name: 352

. Waste code: 513
. Waste name: 513

. Waste code: 541
. Waste name: 541

. Waste code: 611
. Waste name: 611

. Waste code: 711
. Waste name: 711

. Waste code: 726
. Waste name: 726

THE BOEING COMPANY (Continued) **1000240982**

. Waste code: 791
. Waste name: 791

. Waste code: 792
. Waste name: 792

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: D002
. Waste name: CORROSIVE WASTE

. Waste code: D003
. Waste name: REACTIVE WASTE

. Waste code: D004
. Waste name: ARSENIC

. Waste code: D005
. Waste name: BARIUM

. Waste code: D006
. Waste name: CADMIUM

. Waste code: D007
. Waste name: CHROMIUM

. Waste code: D008
. Waste name: LEAD

. Waste code: D009
. Waste name: MERCURY

. Waste code: D010
. Waste name: SELENIUM

. Waste code: D011
. Waste name: SILVER

. Waste code: D018
. Waste name: BENZENE

. Waste code: D035
. Waste name: METHYL ETHYL KETONE

. Waste code: F001
. Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS USED IN DEGREASING: TETRACHLOROETHYLENE, TRICHLORETHYLENE, METHYLENE CHLORIDE, 1,1,1-TRICHLOROETHANE, CARBON TETRACHLORIDE AND CHLORINATED FLUOROCARBONS; ALL SPENT SOLVENT MIXTURES/BLENDS USED IN DEGREASING CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F003
. Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL

THE BOEING COMPANY (Continued) **1000240982**

ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F005
. Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F007
. Waste name: SPENT CYANIDE PLATING BATH SOLUTIONS FROM ELECTROPLATING OPERATIONS.

. Waste code: LABP
. Waste name: LAB PACK

. Waste code: P098
. Waste name: POTASSIUM CYANIDE (OR) POTASSIUM CYANIDE K(CN)

. Waste code: P106
. Waste name: SODIUM CYANIDE (OR) SODIUM CYANIDE NA(CN)

. Waste code: U002
. Waste name: 2-PROPANONE (I) (OR) ACETONE (I)

. Waste code: U133
. Waste name: HYDRAZINE (R,T)

Date form received by agency: 06/22/2010
Site name: BOEING SATELLITE SYSTEMS, INC.
Classification: Large Quantity Generator

. Waste code: 121
. Waste name: 121

. Waste code: 122
. Waste name: 122

. Waste code: 134
. Waste name: 134

. Waste code: 135
. Waste name: 135

. Waste code: 141
. Waste name: 141

. Waste code: 151

THE BOEING COMPANY (Continued) **1000240982**

. Waste name: 151

. Waste code: 181
. Waste name: 181

. Waste code: 212
. Waste name: 212

. Waste code: 213
. Waste name: 213

. Waste code: 221
. Waste name: 221

. Waste code: 223
. Waste name: 223

. Waste code: 331
. Waste name: 331

. Waste code: 352
. Waste name: 352

. Waste code: 513
. Waste name: 513

. Waste code: 541
. Waste name: 541

. Waste code: 611
. Waste name: 611

. Waste code: 711
. Waste name: 711

. Waste code: 791
. Waste name: 791

. Waste code: 792
. Waste name: 792

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: D002
. Waste name: CORROSIVE WASTE

. Waste code: D003
. Waste name: REACTIVE WASTE

. Waste code: D004
. Waste name: ARSENIC

. Waste code: D007
. Waste name: CHROMIUM

. Waste code: D008

THE BOEING COMPANY (Continued) **1000240982**

. Waste name: LEAD

. Waste code: D009
. Waste name: MERCURY

. Waste code: D011
. Waste name: SILVER

. Waste code: D035
. Waste name: METHYL ETHYL KETONE

. Waste code: D040
. Waste name: TRICHLORETHYLENE

. Waste code: F001
. Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS USED IN DEGREASING: TETRACHLOROETHYLENE, TRICHLORETHYLENE, METHYLENE CHLORIDE, 1,1,1-TRICHLOROETHANE, CARBON TETRACHLORIDE AND CHLORINATED FLUOROCARBONS; ALL SPENT SOLVENT MIXTURES/BLENDS USED IN DEGREASING CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F003
. Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F005
. Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F007
. Waste name: SPENT CYANIDE PLATING BATH SOLUTIONS FROM ELECTROPLATING OPERATIONS.

. Waste code: F009
. Waste name: SPENT STRIPPING AND CLEANING BATH SOLUTIONS FROM ELECTROPLATING OPERATIONS IN WHICH CYANIDES ARE USED IN THE PROCESS.

. Waste code: LABP
. Waste name: LAB PACK

. Waste code: P012
. Waste name: ARSENIC OXIDE AS2O3 (OR) ARSENIC TRIOXIDE

THE BOEING COMPANY (Continued) **1000240982**

. Waste code: P030
. Waste name: CYANIDES (SOLUBLE CYANIDE SALTS), NOT OTHERWISE SPECIFIED

. Waste code: P098
. Waste name: POTASSIUM CYANIDE (OR) POTASSIUM CYANIDE K(CN)

. Waste code: P106
. Waste name: SODIUM CYANIDE (OR) SODIUM CYANIDE NA(CN)

. Waste code: U012
. Waste name: ANILINE (I,T) (OR) BENZENAMINE (I,T)

. Waste code: U112
. Waste name: ACETIC ACID, ETHYL ESTER (I) (OR) ETHYL ACETATE (I)

. Waste code: U213
. Waste name: FURAN, TETRAHYDRO-(I) (OR) TETRAHYDROFURAN (I)

Date form received by agency: 02/25/2008
Site name: BOEING SATELLITE SYSTEMS, INC.
Classification: Large Quantity Generator

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: D002
. Waste name: CORROSIVE WASTE

. Waste code: D003
. Waste name: REACTIVE WASTE

. Waste code: D005
. Waste name: BARIUM

. Waste code: D006
. Waste name: CADMIUM

. Waste code: D007
. Waste name: CHROMIUM

. Waste code: D008
. Waste name: LEAD

. Waste code: D009
. Waste name: MERCURY

. Waste code: D011
. Waste name: SILVER

. Waste code: D035
. Waste name: METHYL ETHYL KETONE

. Waste code: F001
. Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS USED IN DEGREASING: TETRACHLOROETHYLENE, TRICHLORETHYLENE, METHYLENE CHLORIDE, 1,1,1-TRICHLOROETHANE, CARBON TETRACHLORIDE AND CHLORINATED FLUOROCARBONS; ALL SPENT SOLVENT MIXTURES/BLENDS USED IN DEGREASING

THE BOEING COMPANY (Continued) **1000240982**

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.

. Waste code: F002
. Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F003
. Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F005
. Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F006
. Waste name: WASTEWATER TREATMENT SLUDGES FROM ELECTROPLATING OPERATIONS, EXCEPT FROM THE FOLLOWING PROCESSES: (1) SULFURIC ACID ANODIZING OF ALUMINUM; (2) TIN PLATING ON CARBON STEEL; (3) ZINC PLATING (SEGREGATED BASIS) ON CARBON STEEL; (4) ALUMINUM OR ZINC-ALUMINUM PLATING ON CARBON STEEL; (5) CLEANING/STRIPPING ASSOCIATED WITH TIN, ZINC, AND ALUMINUM PLATING ON CARBON STEEL; AND (6) CHEMICAL ETCHING AND MILLING OF ALUMINUM.

. Waste code: F007
. Waste name: SPENT CYANIDE PLATING BATH SOLUTIONS FROM ELECTROPLATING OPERATIONS.

. Waste code: F009
. Waste name: SPENT STRIPPING AND CLEANING BATH SOLUTIONS FROM ELECTROPLATING OPERATIONS IN WHICH CYANIDES ARE USED IN THE PROCESS.

. Waste code: P098
. Waste name: POTASSIUM CYANIDE (OR) POTASSIUM CYANIDE K(CN)

. Waste code: P106

THE BOEING COMPANY (Continued) **1000240982**

. Waste name: SODIUM CYANIDE (OR) SODIUM CYANIDE NA(CN)

. Waste code: U002
. Waste name: 2-PROPANONE (I) (OR) ACETONE (I)

. Waste code: U041
. Waste name: EPICHLOROHYDRIN (OR) OXIRANE, (CHLOROMETHYL)-

. Waste code: U154
. Waste name: METHANOL (I) (OR) METHYL ALCOHOL (I)

. Waste code: U165
. Waste name: NAPHTHALENE

. Waste code: U213
. Waste name: FURAN, TETRAHYDRO-(I) (OR) TETRAHYDROFURAN (I)

. Waste code: U220
. Waste name: BENZENE, METHYL- (OR) TOLUENE

. Waste code: U223
. Waste name: BENZENE, 1,3-DIISOCYANATOMETHYL- (R,T) (OR) TOLUENE DIISOCYANATE (R,T)

Date form received by agency: 02/23/2006
Site name: BOEING SATELLITE SYSTEMS, INC.
Classification: Large Quantity Generator

. Waste code: 121
. Waste name: 121

. Waste code: 122
. Waste name: 122

. Waste code: 123
. Waste name: 123

. Waste code: 134
. Waste name: 134

. Waste code: 141
. Waste name: 141

. Waste code: 181
. Waste name: 181

. Waste code: 212
. Waste name: 212

. Waste code: 213
. Waste name: 213

. Waste code: 331
. Waste name: 331

. Waste code: 343
. Waste name: 343

THE BOEING COMPANY (Continued) **1000240982**

. Waste code: 352
. Waste name: 352

. Waste code: 541
. Waste name: 541

. Waste code: 711
. Waste name: 711

. Waste code: 723
. Waste name: 723

. Waste code: 791
. Waste name: 791

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: D002
. Waste name: CORROSIVE WASTE

. Waste code: D003
. Waste name: REACTIVE WASTE

. Waste code: D004
. Waste name: ARSENIC

. Waste code: D005
. Waste name: BARIUM

. Waste code: D006
. Waste name: CADMIUM

. Waste code: D007
. Waste name: CHROMIUM

. Waste code: D008
. Waste name: LEAD

. Waste code: D009
. Waste name: MERCURY

. Waste code: D011
. Waste name: SILVER

. Waste code: D035
. Waste name: METHYL ETHYL KETONE

. Waste code: F001
. Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS USED IN DEGREASING: TETRACHLOROETHYLENE, TRICHLORETHYLENE, METHYLENE CHLORIDE, 1,1,1-TRICHLOROETHANE, CARBON TETRACHLORIDE AND CHLORINATED FLUOROCARBONS; ALL SPENT SOLVENT MIXTURES/BLENDS USED IN DEGREASING CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

THE BOEING COMPANY (Continued) **1000240982**

. Waste code: F002
. Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F003
. Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F005
. Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F006
. Waste name: WASTEWATER TREATMENT SLUDGES FROM ELECTROPLATING OPERATIONS, EXCEPT FROM THE FOLLOWING PROCESSES: (1) SULFURIC ACID ANODIZING OF ALUMINUM; (2) TIN PLATING ON CARBON STEEL; (3) ZINC PLATING (SEGREGATED BASIS) ON CARBON STEEL; (4) ALUMINUM OR ZINC-ALUMINUM PLATING ON CARBON STEEL; (5) CLEANING/STRIPPING ASSOCIATED WITH TIN, ZINC, AND ALUMINUM PLATING ON CARBON STEEL; AND (6) CHEMICAL ETCHING AND MILLING OF ALUMINUM.

. Waste code: F007
. Waste name: SPENT CYANIDE PLATING BATH SOLUTIONS FROM ELECTROPLATING OPERATIONS.

. Waste code: F009
. Waste name: SPENT STRIPPING AND CLEANING BATH SOLUTIONS FROM ELECTROPLATING OPERATIONS IN WHICH CYANIDES ARE USED IN THE PROCESS.

. Waste code: LABP
. Waste name: LAB PACK

. Waste code: P098
. Waste name: POTASSIUM CYANIDE (OR) POTASSIUM CYANIDE K(CN)

. Waste code: P106
. Waste name: SODIUM CYANIDE (OR) SODIUM CYANIDE NA(CN)

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. Waste code: U220
. Waste name: BENZENE, METHYL- (OR) TOLUENE

Date form received by agency: 02/27/2004
Site name: BOEING SATELLITE SYSTEMS, INC.
Classification: Large Quantity Generator

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: D002
. Waste name: CORROSIVE WASTE

. Waste code: D003
. Waste name: REACTIVE WASTE

. Waste code: D005
. Waste name: BARIUM

. Waste code: D006
. Waste name: CADMIUM

. Waste code: D007
. Waste name: CHROMIUM

. Waste code: D009
. Waste name: MERCURY

. Waste code: D011
. Waste name: SILVER

. Waste code: D035
. Waste name: METHYL ETHYL KETONE

. Waste code: F001
. Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS USED IN DEGREASING: TETRACHLOROETHYLENE, TRICHLORETHYLENE, METHYLENE CHLORIDE, 1,1,1-TRICHLOROETHANE, CARBON TETRACHLORIDE AND CHLORINATED FLUOROCARBONS; ALL SPENT SOLVENT MIXTURES/BLENDS USED IN DEGREASING CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F002
. Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F003
. Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL

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ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F005
. Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: P098
. Waste name: POTASSIUM CYANIDE (OR) POTASSIUM CYANIDE K(CN)

. Waste code: P106
. Waste name: SODIUM CYANIDE (OR) SODIUM CYANIDE NA(CN)

. Waste code: U079
. Waste name: 1,2-DICHLOROETHYLENE (OR) ETHENE, 1,2-DICHLORO-,(E)-

. Waste code: U154
. Waste name: METHANOL (I) (OR) METHYL ALCOHOL (I)

. Waste code: U220
. Waste name: BENZENE, METHYL- (OR) TOLUENE

. Waste code: U223
. Waste name: BENZENE, 1,3-DIISOCYANATOMETHYL- (R,T) (OR) TOLUENE DIISOCYANATE (R,T)

Date form received by agency: 03/01/2002
Site name: BOEING SATELLITE SYSTEMS, INC.
Classification: Large Quantity Generator

Date form received by agency: 10/16/2000
Site name: BOEING SATELLITE SYSTEM INC
Classification: Large Quantity Generator

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: D002
. Waste name: CORROSIVE WASTE

. Waste code: D003
. Waste name: REACTIVE WASTE

. Waste code: D005
. Waste name: BARIUM

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. Waste code: D006
. Waste name: CADMIUM

. Waste code: D007
. Waste name: CHROMIUM

. Waste code: D008
. Waste name: LEAD

. Waste code: D009
. Waste name: MERCURY

. Waste code: D011
. Waste name: SILVER

. Waste code: D035
. Waste name: METHYL ETHYL KETONE

. Waste code: F001
. Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS USED IN DEGREASING: TETRACHLOROETHYLENE, TRICHLORETHYLENE, METHYLENE CHLORIDE, 1,1,1-TRICHLOROETHANE, CARBON TETRACHLORIDE AND CHLORINATED FLUOROCARBONS; ALL SPENT SOLVENT MIXTURES/BLENDS USED IN DEGREASING CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F002
. Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F003
. Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F005
. Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS

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LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F007
. Waste name: SPENT CYANIDE PLATING BATH SOLUTIONS FROM ELECTROPLATING OPERATIONS.

. Waste code: F009
. Waste name: SPENT STRIPPING AND CLEANING BATH SOLUTIONS FROM ELECTROPLATING OPERATIONS IN WHICH CYANIDES ARE USED IN THE PROCESS.

. Waste code: U223
. Waste name: BENZENE, 1,3-DIISOCYANATOMETHYL- (R,T) (OR) TOLUENE DIISOCYANATE (R,T)

Date form received by agency: 10/12/2000
Site name: HUGHES SPACE AND COMMUNICATIONS COMPANY
Classification: Large Quantity Generator

Date form received by agency: 03/16/1999
Site name: HUGHES SPACE AND COMMUNICATIONS COMPANY
Classification: Large Quantity Generator

Date form received by agency: 09/01/1996
Site name: BOEING SATELLITE SYSTEM INC
Classification: Large Quantity Generator

Date form received by agency: 03/27/1996
Site name: HUGHES SPACE AND COMMUNICATIONS CO
Classification: Large Quantity Generator

Date form received by agency: 03/31/1994
Site name: HUGHES SPACE AND COMMUNICATIONS CO.
Classification: Large Quantity Generator

Date form received by agency: 03/30/1992
Site name: HUGHES AIRCRAFT CO-SCG
Classification: Large Quantity Generator

Date form received by agency: 02/25/1986
Site name: BOEING SATELLITE SYSTEM INC
Classification: Large Quantity Generator

Date form received by agency: 02/25/1986
Site name: BOEING SATELLITE SYSTEM INC
Classification: Large Quantity Generator

Biennial Reports:

Last Biennial Reporting Year: 2013

Annual Waste Handled:
Waste code: D001
Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

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Amount (Lbs): 8058

Waste code: D002
Waste name: A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.
Amount (Lbs): 36850

Waste code: D003
Waste name: A MATERIAL IS CONSIDERED TO BE A REACTIVE HAZARDOUS WASTE IF IT IS NORMALLY UNSTABLE, REACTS VIOLENTLY WITH WATER, GENERATES TOXIC GASES WHEN EXPOSED TO WATER OR CORROSIVE MATERIALS, OR IF IT IS CAPABLE OF DETONATION OR EXPLOSION WHEN EXPOSED TO HEAT OR A FLAME. ONE EXAMPLE OF SUCH WASTE WOULD BY WASTE GUNPOWDER.
Amount (Lbs): 6745

Waste code: D007
Waste name: CHROMIUM
Amount (Lbs): 1942

Waste code: D008
Waste name: LEAD
Amount (Lbs): 26923

Waste code: D009
Waste name: MERCURY
Amount (Lbs): 32

Waste code: D011
Waste name: SILVER
Amount (Lbs): 10340

Waste code: F001
Waste name: 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.
Amount (Lbs): 12

Waste code: F003
Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NON-HALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS, AND, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT

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MIXTURES.
Amount (Lbs): 22956

Waste code: F005
Waste name: THE FOLLOWING SPENT NON-HALOGENATED 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 NON-HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
Amount (Lbs): 22938

Waste code: F007
Waste name: SPENT CYANIDE PLATING BATH SOLUTIONS FROM ELECTROPLATING OPERATIONS
Amount (Lbs): 6559

Waste code: LABP
Waste name: LAB PACK
Amount (Lbs): 5980

Waste code: P098
Waste name: POTASSIUM CYANIDE
Amount (Lbs): 114

Waste code: P106
Waste name: SODIUM CYANIDE
Amount (Lbs): 114

Waste code: U133
Waste name: HYDRAZINE (R,T)
Amount (Lbs): 455

Corrective Action Summary:

Event date: 01/01/1990
Event: CA029ST

Event date: 02/27/1991
Event: CA029EP

Event date: 02/27/1991
Event: CA Prioritization, Facility or area was assigned a medium corrective action priority.

Event date: 02/27/1991
Event: CA049PA

Event date: 06/01/1992
Event: RFA Completed, Assessment was an RFA.

Event date: 08/14/1992
Event: CA Prioritization, Facility or area was assigned a medium corrective action priority.

Event date: 08/14/1992
Event: Stabilization Measures Evaluation,This facility is not amenable to

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stabilization activity at the present time for reasons other than 1- it appears to be technically infeasible or inappropriate (NF) or 2- there is a lack of technical information (IN). Reasons for this conclusion may be the status of closure at the facility, the degree of risk, timing considerations, the status of corrective action work at the facility, or other administrative considerations.

Event date: 09/21/2010
Event: Current Human Exposures under Control, Yes, Current Human Exposures Under Control has been verified. Based on a review of information contained in the EI determination, current human exposures are expected to be under control at the facility under current and reasonably expected conditions. This determination will be re-evaluated when the Agency/State becomes aware of significant changes at the facility.

Event date: 06/13/2013
Event: Current Human Exposures under Control, Yes, Current Human Exposures Under Control has been verified. Based on a review of information contained in the EI determination, current human exposures are expected to be under control at the facility under current and reasonably expected conditions. This determination will be re-evaluated when the Agency/State becomes aware of significant changes at the facility.

Event date: 06/24/2013
Event: Igration of Contaminated Groundwater under Control, Yes, Migration of Contaminated Groundwater Under Control has been verified. Based on a review of information contained in the EI determination, it has been determined that migration of contaminated groundwater is under control at the facility. Specifically, this determination indicates that the migration of contaminated groundwater is under control, and that monitoring will be conducted to confirm that contaminated groundwater remains within the existing area of contaminated groundwater. This determination will be re-evaluated when the Agency becomes aware of significant changes at the facility.

Event date: Not reported
Event: CA048ST

Facility Has Received Notices of Violations:
Regulation violated: Not reported
Area of violation: TSD - Financial Requirements
Date violation determined: 05/16/2006
Date achieved compliance: 04/23/2007
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 05/18/2006
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: TSD - Financial Requirements

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Date violation determined: 06/30/2004
Date achieved compliance: 04/23/2007
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 08/25/2004
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 264.140-150.H
Area of violation: TSD - Financial Requirements
Date violation determined: 02/22/1996
Date achieved compliance: 01/01/1997
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 02/22/1996
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 264.170-177.I
Area of violation: TSD - General
Date violation determined: 04/29/1994
Date achieved compliance: 06/01/1994
Violation lead agency: State
Enforcement action: INITIAL 3008(A) COMPLIANCE
Enforcement action date: 04/29/1994
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 2500
Final penalty amount: 2500
Paid penalty amount: 2500

Regulation violated: FR - 264.140-150.H
Area of violation: TSD - Financial Requirements
Date violation determined: 04/09/1993
Date achieved compliance: 05/19/1993
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 04/15/1993
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 264.140-150.H
Area of violation: TSD - Financial Requirements
Date violation determined: 03/10/1992

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Date achieved compliance: 12/22/1992
Violation lead agency: EPA
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 270
Area of violation: TSD - General
Date violation determined: 03/13/1990
Date achieved compliance: 02/26/1992
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 04/17/1990
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 270
Area of violation: TSD - General
Date violation determined: 03/13/1990
Date achieved compliance: 02/26/1992
Violation lead agency: State
Enforcement action: FINAL 3008(A) COMPLIANCE ORDER
Enforcement action date: 07/26/1990
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: 4500
Paid penalty amount: 4500

Regulation violated: FR - 268.7
Area of violation: LDR - General
Date violation determined: 02/24/1988
Date achieved compliance: 02/26/1992
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 268 ALL
Area of violation: LDR - General
Date violation determined: 02/24/1988
Date achieved compliance: 02/26/1992

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Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 270
Area of violation: TSD - General
Date violation determined: 02/24/1988
Date achieved compliance: 05/02/1988
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 03/28/1988
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 264.140-150.H
Area of violation: TSD - Financial Requirements
Date violation determined: 02/08/1988
Date achieved compliance: 05/13/1988
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 03/16/1988
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Evaluation Action Summary:
Evaluation date: 10/01/2013
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 07/06/2012
Evaluation: FINANCIAL RECORD REVIEW
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 12/22/2011
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

THE BOEING COMPANY (Continued) **1000240982**

Evaluation date: 08/17/2010
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 07/20/2010
Evaluation: FINANCIAL RECORD REVIEW
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 09/28/2009
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 08/20/2009
Evaluation: FINANCIAL RECORD REVIEW
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 10/28/2008
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 10/23/2008
Evaluation: FINANCIAL RECORD REVIEW
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 02/27/2008
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 02/19/2008
Evaluation: FINANCIAL RECORD REVIEW
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 06/28/2007
Evaluation: FINANCIAL RECORD REVIEW
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 04/26/2007
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported

THE BOEING COMPANY (Continued) **1000240982**

Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 09/22/2006
Evaluation: FINANCIAL RECORD REVIEW
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: EPA Contractor/Grantee

Evaluation date: 05/16/2006
Evaluation: FINANCIAL RECORD REVIEW
Area of violation: TSD - Financial Requirements
Date achieved compliance: 04/23/2007
Evaluation lead agency: State

Evaluation date: 04/26/2006
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 05/23/2005
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 05/12/2005
Evaluation: FINANCIAL RECORD REVIEW
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 06/30/2004
Evaluation: FINANCIAL RECORD REVIEW
Area of violation: TSD - Financial Requirements
Date achieved compliance: 04/23/2007
Evaluation lead agency: State

Evaluation date: 06/23/2004
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 12/15/2000
Evaluation: FINANCIAL RECORD REVIEW
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 11/17/2000
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

THE BOEING COMPANY (Continued) **1000240982**

Evaluation date: 10/23/1997
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 03/28/1997
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 06/06/1996
Evaluation: FINANCIAL RECORD REVIEW
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 02/09/1996
Evaluation: FINANCIAL RECORD REVIEW
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 01/25/1996
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - Financial Requirements
Date achieved compliance: 01/01/1997
Evaluation lead agency: State

Evaluation date: 11/10/1994
Evaluation: FINANCIAL RECORD REVIEW
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 04/28/1994
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - General
Date achieved compliance: 06/01/1994
Evaluation lead agency: State

Evaluation date: 04/09/1993
Evaluation: FINANCIAL RECORD REVIEW
Area of violation: TSD - Financial Requirements
Date achieved compliance: 05/19/1993
Evaluation lead agency: State

Evaluation date: 12/22/1992
Evaluation: FINANCIAL RECORD REVIEW
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 03/10/1992
Evaluation: FINANCIAL RECORD REVIEW
Area of violation: TSD - Financial Requirements

THE BOEING COMPANY (Continued) **1000240982**

Date achieved compliance: 12/22/1992
Evaluation lead agency: EPA Contractor/Grantee

Evaluation date: 02/26/1992
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 03/21/1990
Evaluation: FINANCIAL RECORD REVIEW
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 03/13/1990
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - General
Date achieved compliance: 02/26/1992
Evaluation lead agency: State

Evaluation date: 02/24/1988
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: LDR - General
Date achieved compliance: 02/26/1992
Evaluation lead agency: State

Evaluation date: 02/24/1988
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - General
Date achieved compliance: 05/02/1988
Evaluation lead agency: State

Evaluation date: 02/08/1988
Evaluation: FINANCIAL RECORD REVIEW
Area of violation: TSD - Financial Requirements
Date achieved compliance: 05/13/1988
Evaluation lead agency: State

SWEEPS UST:
Status: Active
Comp Number: 13534
Number: 9
Board Of Equalization: 44-008026
Referral Date: 06-30-89
Action Date: Not reported
Created Date: 06-30-89
Owner Tank Id: Not reported
SWRCB Tank Id: 19-000-013534-000001
Tank Status: A
Capacity: Not reported
Active Date: 06-30-89
Tank Use: UNKNOWN
STG: W
Content: Not reported
Number Of Tanks: 1

THE BOEING COMPANY (Continued) **1000240982**

US FIN ASSUR:
EPA ID: CAD060897063
Provider: THE BANK OF TOKYO-MITSUBISHI UFJ,LTD
EPA region: 9
County: LOS ANGELES
Mechanism type: LETTER OF CREDIT
Mechanism ID: ****0411
Cost estimate: 2000000
Face value: 2000000
Effective date: 4/27/2007

EPA ID: CAD060897063
Provider: THE BANK OF TOKYO-MITSUBISHI UFJ,LTD
EPA region: 9
County: LOS ANGELES
Mechanism type: LETTER OF CREDIT
Mechanism ID: 151LCS100411
Cost estimate: 8000000
Face value: 8000000
Effective date: 4/27/2007

EPA ID: CAD060897063
Provider: THE BANK OF TOKYO-MITSUBISHI UFJ,LTD
EPA region: 9
County: LOS ANGELES
Mechanism type: LETTER OF CREDIT
Mechanism ID: 151LCS100413
Cost estimate: 403000
Face value: 424000
Effective date: 3/9/2011

2020 COR ACTION:
EPA ID: CAD060897063
Region: 9
Action: Not reported

LOS ANGELES CO. HMS:
Region: LA
Permit Category: T
Facility Id: 013223-013534
Facility Type: 0
Facility Status: Closed
Area: 2N
Permit Number: 00005161T
Permit Status: Closed

HWP:
EPA Id: CAD060897063
Cleanup Status: CLOSED
Latitude: 33.93048
Longitude: -118.3946
Facility Type: Historical - Non-Operating
Facility Size: Small Storage
Team: MICHAEL CHOE
Supervisor: Not reported

THE BOEING COMPANY (Continued) **1000240982**

Site Code: 300215
Assembly District: 62
Senate District: 26
Public Information Officer: Not reported
Public Information Officer: Not reported

Activities:

EPA Id: CAD060897063
Facility Type: Historical - Non-Operating
Unit Names: CONTAIN1-S12 (GPRA Unit), CONTAIN2-S15 (GPRA Unit), CONTAIN3-S16 (GPRA Unit), CONTAIN4-S17, Area 1 (GPRA Unit), CONTAIN5-S17, Area 2 (GPRA Unit)
Event Description: Renewal - With Changes - FINAL PERMIT RENEWAL (EFFECTIVE)
Actual Date: 04/10/2007

EPA Id: CAD060897063
Facility Type: Historical - Non-Operating
Unit Names: CONTAIN1-S12 (GPRA Unit), CONTAIN2-S15 (GPRA Unit), CONTAIN3-S16 (GPRA Unit), CONTAIN4-S17, Area 1 (GPRA Unit), CONTAIN5-S17, Area 2 (GPRA Unit)
Event Description: New Operating Permit - DRAFT PERMIT
Actual Date: 11/30/1992

EPA Id: CAD060897063
Facility Type: Historical - Non-Operating
Unit Names: CONTAIN1-S12 (GPRA Unit), CONTAIN2-S15 (GPRA Unit), CONTAIN3-S16 (GPRA Unit), CONTAIN4-S17, Area 1 (GPRA Unit), CONTAIN5-S17, Area 2 (GPRA Unit)
Event Description: Renewal - With Changes - PERMIT TERMINATED - TERMINATION APPROVED
Actual Date: 06/29/2015

EPA Id: CAD060897063
Facility Type: Historical - Non-Operating
Unit Names: CONTAIN1-S12 (GPRA Unit), CONTAIN2-S15 (GPRA Unit), CONTAIN3-S16 (GPRA Unit), CONTAIN4-S17, Area 1 (GPRA Unit), CONTAIN5-S17, Area 2 (GPRA Unit)
Event Description: New Operating Permit - PUBLIC COMMENT (BEGIN)
Actual Date: 11/30/1992

EPA Id: CAD060897063
Facility Type: Historical - Non-Operating
Unit Names: CONTAIN1-S12 (GPRA Unit), CONTAIN2-S15 (GPRA Unit), CONTAIN3-S16 (GPRA Unit), CONTAIN4-S17, Area 1 (GPRA Unit), CONTAIN5-S17, Area 2 (GPRA Unit)
Event Description: New Operating Permit - FINAL PART A & PART B RECEIVED
Actual Date: 01/28/1992

EPA Id: CAD060897063
Facility Type: Historical - Non-Operating
Unit Names: CONTAIN1-S12 (GPRA Unit), CONTAIN2-S15 (GPRA Unit), CONTAIN3-S16 (GPRA Unit), CONTAIN4-S17, Area 1 (GPRA Unit), CONTAIN5-S17, Area 2 (GPRA Unit)
Event Description: Renewal - With Changes - DRAFT PERMIT RENEWAL
Actual Date: 10/16/2006

EPA Id: CAD060897063
Facility Type: Historical - Non-Operating
Unit Names: CONTAIN1-S12 (GPRA Unit), CONTAIN2-S15 (GPRA Unit), CONTAIN3-S16 (GPRA

THE BOEING COMPANY (Continued) **1000240982**

Unit), CONTAIN4-S17, Area 1 (GPRA Unit), CONTAIN5-S17, Area 2 (GPRA Unit)
Event Description: New Operating Permit - FINAL PERMIT (EXPIRES)
Actual Date: 02/06/2003

EPA Id: CAD060897063
Facility Type: Historical - Non-Operating
Unit Names: CONTAIN1-S12 (GPRA Unit), CONTAIN2-S15 (GPRA Unit), CONTAIN3-S16 (GPRA Unit), CONTAIN4-S17, Area 1 (GPRA Unit), CONTAIN5-S17, Area 2 (GPRA Unit)
Event Description: New Operating Permit - RESPONSE TO 1ST NOD RECEIVED
Actual Date: 08/01/1990

EPA Id: CAD060897063
Facility Type: Historical - Non-Operating
Unit Names: CONTAIN1-S12 (GPRA Unit), CONTAIN2-S15 (GPRA Unit), CONTAIN3-S16 (GPRA Unit), CONTAIN4-S17, Area 1 (GPRA Unit), CONTAIN5-S17, Area 2 (GPRA Unit)
Event Description: New Operating Permit - RESPONSE TO 3RD NOD RECEIVED
Actual Date: 11/05/1991

EPA Id: CAD060897063
Facility Type: Historical - Non-Operating
Unit Names: CONTAIN1-S12 (GPRA Unit), CONTAIN2-S15 (GPRA Unit), CONTAIN3-S16 (GPRA Unit), CONTAIN4-S17, Area 1 (GPRA Unit), CONTAIN5-S17, Area 2 (GPRA Unit)
Event Description: New Operating Permit - APPLICATION PART B RECEIVED
Actual Date: 04/13/1983

EPA Id: CAD060897063
Facility Type: Historical - Non-Operating
Unit Names: CONTAIN1-S12 (GPRA Unit), CONTAIN2-S15 (GPRA Unit), CONTAIN3-S16 (GPRA Unit), CONTAIN4-S17, Area 1 (GPRA Unit), CONTAIN5-S17, Area 2 (GPRA Unit)
Event Description: New Operating Permit - APPLICATION PART A RECEIVED
Actual Date: 11/18/1980

EPA Id: CAD060897063
Facility Type: Historical - Non-Operating
Unit Names: CONTAIN1-S12 (GPRA Unit), CONTAIN2-S15 (GPRA Unit), CONTAIN3-S16 (GPRA Unit), CONTAIN4-S17, Area 1 (GPRA Unit), CONTAIN5-S17, Area 2 (GPRA Unit)
Event Description: New Operating Permit - 2ND NOTICE OF DEFICIENCY ISSUED
Actual Date: 12/03/1990

EPA Id: CAD060897063
Facility Type: Historical - Non-Operating
Unit Names: CONTAIN1-S12 (GPRA Unit), CONTAIN2-S15 (GPRA Unit), CONTAIN3-S16 (GPRA Unit), CONTAIN4-S17, Area 1 (GPRA Unit), CONTAIN5-S17, Area 2 (GPRA Unit)
Event Description: Renewal - With Changes - APPLICATION PART A RECEIVED
Actual Date: 02/01/2003

EPA Id: CAD060897063
Facility Type: Historical - Non-Operating
Unit Names: CONTAIN1-S12 (GPRA Unit), CONTAIN2-S15 (GPRA Unit), CONTAIN3-S16 (GPRA Unit), CONTAIN4-S17, Area 1 (GPRA Unit), CONTAIN5-S17, Area 2 (GPRA

THE BOEING COMPANY (Continued) **1000240982**

Unit)
Event Description: New Operating Permit - FINAL PERMIT
Actual Date: 01/06/1993

EPA Id: CAD060897063
Facility Type: Historical - Non-Operating
Unit Names: CONTAIN1-S12 (GPRA Unit), CONTAIN2-S15 (GPRA Unit), CONTAIN3-S16 (GPRA Unit), CONTAIN4-S17, Area 1 (GPRA Unit), CONTAIN5-S17, Area 2 (GPRA Unit)
Event Description: Renewal - With Changes - PUBLIC COMMENT (END)
Actual Date: 11/30/2006

EPA Id: CAD060897063
Facility Type: Historical - Non-Operating
Unit Names: CONTAIN1-S12 (GPRA Unit), CONTAIN2-S15 (GPRA Unit), CONTAIN3-S16 (GPRA Unit), CONTAIN4-S17, Area 1 (GPRA Unit), CONTAIN5-S17, Area 2 (GPRA Unit)
Event Description: Renewal - With Changes - APPLICATION PART B RECEIVED
Actual Date: 02/01/2003

EPA Id: CAD060897063
Facility Type: Historical - Non-Operating
Unit Names: CONTAIN1-S12 (GPRA Unit), CONTAIN2-S15 (GPRA Unit), CONTAIN3-S16 (GPRA Unit), CONTAIN4-S17, Area 1 (GPRA Unit), CONTAIN5-S17, Area 2 (GPRA Unit)
Event Description: New Operating Permit - PUBLIC COMMENT (PUBLIC HEARING)
Actual Date: 12/02/1992

EPA Id: CAD060897063
Facility Type: Historical - Non-Operating
Unit Names: CONTAIN1-S12 (GPRA Unit), CONTAIN2-S15 (GPRA Unit), CONTAIN3-S16 (GPRA Unit), CONTAIN4-S17, Area 1 (GPRA Unit), CONTAIN5-S17, Area 2 (GPRA Unit)
Event Description: New Operating Permit - RESPONSE TO 2ND NOD RECEIVED
Actual Date: 12/10/1990

EPA Id: CAD060897063
Facility Type: Historical - Non-Operating
Unit Names: CONTAIN1-S12 (GPRA Unit), CONTAIN2-S15 (GPRA Unit), CONTAIN3-S16 (GPRA Unit), CONTAIN4-S17, Area 1 (GPRA Unit), CONTAIN5-S17, Area 2 (GPRA Unit)
Event Description: Renewal - With Changes - FINAL PERMIT RENEWAL (EXPIRES)
Actual Date: 04/10/2017

EPA Id: CAD060897063
Facility Type: Historical - Non-Operating
Unit Names: CONTAIN1-S12 (GPRA Unit), CONTAIN2-S15 (GPRA Unit), CONTAIN3-S16 (GPRA Unit), CONTAIN4-S17, Area 1 (GPRA Unit), CONTAIN5-S17, Area 2 (GPRA Unit)
Event Description: Renewal - With Changes - FINAL PERMIT RENEWAL
Actual Date: 03/06/2007

EPA Id: CAD060897063
Facility Type: Historical - Non-Operating
Unit Names: CONTAIN1-S12 (GPRA Unit), CONTAIN2-S15 (GPRA Unit), CONTAIN3-S16 (GPRA Unit), CONTAIN4-S17, Area 1 (GPRA Unit), CONTAIN5-S17, Area 2 (GPRA Unit)

THE BOEING COMPANY (Continued) **1000240982**

Event Description: Renewal - With Changes - PUBLIC COMMENT (BEGIN)
Actual Date: 10/16/2006

EPA Id: CAD060897063
Facility Type: Historical - Non-Operating
Unit Names: CONTAIN1-S12 (GPRA Unit), CONTAIN2-S15 (GPRA Unit), CONTAIN3-S16 (GPRA Unit), CONTAIN4-S17, Area 1 (GPRA Unit), CONTAIN5-S17, Area 2 (GPRA Unit)
Event Description: Renewal - With Changes - CALL-IN LETTER ISSUED
Actual Date: 06/02/2002

EPA Id: CAD060897063
Facility Type: Historical - Non-Operating
Unit Names: CONTAIN1-S12 (GPRA Unit), CONTAIN2-S15 (GPRA Unit), CONTAIN3-S16 (GPRA Unit), CONTAIN4-S17, Area 1 (GPRA Unit), CONTAIN5-S17, Area 2 (GPRA Unit)
Event Description: New Operating Permit - PUBLIC COMMENT (END)
Actual Date: 01/14/1993

EPA Id: CAD060897063
Facility Type: Historical - Non-Operating
Unit Names: CONTAIN1-S12 (GPRA Unit), CONTAIN2-S15 (GPRA Unit), CONTAIN3-S16 (GPRA Unit), CONTAIN4-S17, Area 1 (GPRA Unit), CONTAIN5-S17, Area 2 (GPRA Unit)
Event Description: Renewal - With Changes - FINAL PART A & PART B RECEIVED
Actual Date: 10/13/2006

EPA Id: CAD060897063
Facility Type: Historical - Non-Operating
Unit Names: CONTAIN1-S12 (GPRA Unit), CONTAIN2-S15 (GPRA Unit), CONTAIN3-S16 (GPRA Unit), CONTAIN4-S17, Area 1 (GPRA Unit), CONTAIN5-S17, Area 2 (GPRA Unit)
Event Description: New Operating Permit - FINAL PERMIT (EFFECTIVE)
Actual Date: 02/06/1993

EPA Id: CAD060897063
Facility Type: Historical - Non-Operating
Unit Names: CONTAIN1-S12 (GPRA Unit), CONTAIN2-S15 (GPRA Unit), CONTAIN3-S16 (GPRA Unit), CONTAIN4-S17, Area 1 (GPRA Unit), CONTAIN5-S17, Area 2 (GPRA Unit)
Event Description: New Operating Permit - CALL-IN LETTER ISSUED
Actual Date: 02/02/1983

Closure:
EPA Id: CAD060897063
Facility Type: Historical - Non-Operating
Unit Names: CONTAIN6-S30/S31 (GPRA Unit)
Event Description: Closure - CLOSURE PLAN APPROVED
Actual Date: 06/01/1993

EPA Id: CAD060897063
Facility Type: Historical - Non-Operating
Unit Names: CONTAIN6-S30/S31 (GPRA Unit)
Event Description: Closure - ISSUE CLOSURE VERIFICATION
Actual Date: 06/30/1993

EPA Id: CAD060897063

THE BOEING COMPANY (Continued) **1000240982**

Facility Type: Historical - Non-Operating
Unit Names: TANKSTR1-S13
Event Description: Closure - 1ST NOTICE OF DEFICIENCY ISSUED
Actual Date: 03/03/1994

EPA Id: CAD060897063
Facility Type: Historical - Non-Operating
Unit Names: TANKSTR1-S13
Event Description: Closure - ISSUE CLOSURE VERIFICATION
Actual Date: 01/24/1996

EPA Id: CAD060897063
Facility Type: Historical - Non-Operating
Unit Names: CONTAIN6-S30/S31 (GPRA Unit)
Event Description: Closure - PUBLIC COMMENT (END)
Actual Date: 05/15/1993

EPA Id: CAD060897063
Facility Type: Historical - Non-Operating
Unit Names: TANKSTR1-S13
Event Description: Closure - CLOSURE NOTICE RECEIVED
Actual Date: 05/03/1994

EPA Id: CAD060897063
Facility Type: Historical - Non-Operating
Unit Names: CONTAIN6-S30/S31 (GPRA Unit)
Event Description: Closure - RESPONSE TO 1ST NOD RECEIVED
Actual Date: 04/08/1993

EPA Id: CAD060897063
Facility Type: Historical - Non-Operating
Unit Names: CONTAIN7-S34
Event Description: Closure Administrative - ISSUE CLOSURE VERIFICATION
Actual Date: 01/15/2014

EPA Id: CAD060897063
Facility Type: Historical - Non-Operating
Unit Names: CONTAIN6-S30/S31 (GPRA Unit)
Event Description: Closure - PUBLIC COMMENT (BEGIN)
Actual Date: 04/15/1993

EPA Id: CAD060897063
Facility Type: Historical - Non-Operating
Unit Names: CONTAIN6-S30/S31 (GPRA Unit)
Event Description: Closure - 1ST NOTICE OF DEFICIENCY ISSUED
Actual Date: 04/06/1993

EPA Id: CAD060897063
Facility Type: Historical - Non-Operating
Unit Names: TANKSTR1-S13
Event Description: Closure - CLOSURE PLAN APPROVED
Actual Date: 12/07/1994

EPA Id: CAD060897063
Facility Type: Historical - Non-Operating
Unit Names: TANKSTR1-S13
Event Description: Closure - CLOSURE PLAN RECEIVED

THE BOEING COMPANY (Continued) **1000240982**

Actual Date: 11/01/1993

EPA Id: CAD060897063
Facility Type: Historical - Non-Operating
Unit Names: CONTAIN1-S12 (GPRA Unit), CONTAIN2-S15 (GPRA Unit), CONTAIN3-S16 (GPRA Unit), CONTAIN4-S17, Area 1 (GPRA Unit), CONTAIN5-S17, Area 2 (GPRA Unit), CONTAIN6-S30/S31 (GPRA Unit), CONTAIN7-S34, TANKSTR1-S13
Event Description: Closure - CLOSURE PLAN RECEIVED
Actual Date: 05/25/2015

EPA Id: CAD060897063
Facility Type: Historical - Non-Operating
Unit Names: CONTAIN1-S12 (GPRA Unit), CONTAIN2-S15 (GPRA Unit), CONTAIN3-S16 (GPRA Unit), CONTAIN4-S17, Area 1 (GPRA Unit), CONTAIN5-S17, Area 2 (GPRA Unit), CONTAIN6-S30/S31 (GPRA Unit), CONTAIN7-S34, TANKSTR1-S13
Event Description: Closure - RECEIVE CLOSURE CERTIFICATION
Actual Date: 05/25/2015

EPA Id: CAD060897063
Facility Type: Historical - Non-Operating
Unit Names: CONTAIN6-S30/S31 (GPRA Unit)
Event Description: Closure - CLOSURE PLAN RECEIVED
Actual Date: 09/15/1992

EPA Id: CAD060897063
Facility Type: Historical - Non-Operating
Unit Names: CONTAIN6-S30/S31 (GPRA Unit)
Event Description: Closure - CLOSURE NOTICE RECEIVED
Actual Date: 09/15/1992

EPA Id: CAD060897063
Facility Type: Historical - Non-Operating
Unit Names: CONTAIN1-S12 (GPRA Unit), CONTAIN2-S15 (GPRA Unit), CONTAIN3-S16 (GPRA Unit), CONTAIN4-S17, Area 1 (GPRA Unit), CONTAIN5-S17, Area 2 (GPRA Unit), CONTAIN6-S30/S31 (GPRA Unit), CONTAIN7-S34, TANKSTR1-S13
Event Description: Closure - CLOSURE PLAN APPROVED
Actual Date: 05/25/2015

EPA Id: CAD060897063
Facility Type: Historical - Non-Operating
Unit Names: Not reported
Event Description: Closure Certification - ISSUE CLOSURE VERIFICATION
Actual Date: 06/29/2015

EPA Id: CAD060897063
Facility Type: Historical - Non-Operating
Unit Names: CONTAIN6-S30/S31 (GPRA Unit)
Event Description: Closure - RECEIVE CLOSURE CERTIFICATION
Actual Date: 06/21/1993

EPA Id: CAD060897063
Facility Type: Historical - Non-Operating
Unit Names: TANKSTR1-S13
Event Description: Closure - RESPONSE TO 1ST NOD RECEIVED
Actual Date: 04/27/1994

EPA Id: CAD060897063

THE BOEING COMPANY (Continued) **1000240982**

Facility Type: Historical - Non-Operating
Unit Names: CONTAIN1-S12 (GPRA Unit), CONTAIN2-S15 (GPRA Unit), CONTAIN3-S16 (GPRA Unit), CONTAIN4-S17, Area 1 (GPRA Unit), CONTAIN5-S17, Area 2 (GPRA Unit), CONTAIN6-S30/S31 (GPRA Unit), CONTAIN7-S34, TANKSTR1-S13
Event Description: Closure - ISSUE CLOSURE VERIFICATION
Actual Date: 06/29/2015

EPA Id: CAD060897063
Facility Type: Historical - Non-Operating
Unit Names: CONTAIN6-S30/S31 (GPRA Unit)
Event Description: Closure - PUBLIC COMMENT (PUBLIC HEARING)
Actual Date: 05/19/1993

Alias:
EPA Id: CAD060897063
Facility Type: Historical - Non-Operating
Alias Type: FRS
Alias: 110000609672

EPA Id: CAD060897063
Facility Type: Historical - Non-Operating
Alias Type: Project Code (Site Code)
Alias: 300215

92
East
1/2-1
0.816 mi.
4308 ft.

Relative:
Lower

Actual:
101 ft.

FORMER NORTH AMERICAN TRISONIC WIND TUNNEL **CA ENVIROSTOR S108197287**
400 DULEY ROAD **CA VCP N/A**
EL SEGUNDO, CA 90245 **CA NPDES**

ENVIROSTOR:
Facility ID: 60000905
Status: No Further Action
Status Date: 01/07/2014
Site Code: 301386
Site Type: Voluntary Cleanup
Site Type Detailed: Voluntary Cleanup
Acres: 3.6
NPL: NO
Regulatory Agencies: SMBRP
Lead Agency: SMBRP
Program Manager: Not reported
Supervisor: Javier Hinojosa
Division Branch: Cleanup Chatsworth
Assembly: 62
Senate: 26
Special Program: Voluntary Cleanup Program
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Responsible Party
Latitude: 33.92215
Longitude: -118.3852
APN: NONE SPECIFIED
Past Use: AEROSPACE ROCKET TESTING/LAUNCH, HAZARDOUS WASTE STORAGE - TANKS/CONTAINERS
Potential COC: Lead Polychlorinated biphenyls (PCBs 1,1,1-Trichloroethane (TCA

FORMER NORTH AMERICAN TRISONIC WIND TUNNEL (Continued) **S108197287**

Trichloroethylene (TCE
Confirmed COC: Polychlorinated biphenyls (PCBs Lead
Potential Description: CSS, SOIL
Alias Name: 301386
Alias Type: Project Code (Site Code)
Alias Name: 60000905
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Voluntary Cleanup Agreement
Completed Date: 04/28/2008
Comments: VCA signed for oversight during building demolition and soil remediation, if necessary. "No Further Action Letter" to be prepared at successful completion of project.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: CEQA - Initial Study/ Mitigated Neg. Dec. (MND)
Completed Date: 04/28/2009
Comments: Document reviewed and comments sent.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 10/17/2011
Comments: Letter sent to proponent on 10/12/2011

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Certification
Completed Date: 03/05/2012
Comments: DTSC issued certification letter

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Cost Recovery Closeout Memo
Completed Date: 04/19/2012
Comments: CRU Memo dated 4/23/2012 Sent

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Workplan
Completed Date: 01/22/2009
Comments: Document reviewed.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Workplan
Completed Date: 02/22/2009
Comments: Document reviewed.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Report
Completed Date: 04/22/2010
Comments: Report approved verbally.

FORMER NORTH AMERICAN TRISONIC WIND TUNNEL (Continued) **S108197287**

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Workplan
Completed Date: 05/28/2009
Comments: Sampling plan to determine below basement and exterior areas extent of contamination approved.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 06/10/2009
Comments: Fieldwork for additional soil sampling completed.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Report
Completed Date: 12/01/2009
Comments: Report approved.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 05/01/2011
Comments: Demolition of surface structures has been completed. Additional demolition of deeper foundation structures is in progress.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Workplan
Completed Date: 08/31/2010
Comments: approved

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Report
Completed Date: 03/05/2012
Comments: DTSC issued Certification of Removal Action.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 12/12/2011
Comments: Demolition completed, confirmation sampling completed and contaminated soil removed and shipped off site. Completion report expected soon.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 03/05/2012
Comments: DTSC issued certification letter for Removal Action

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Voluntary Cleanup Agreement Termination Notification
Completed Date: 03/27/2012
Comments: Letter sent on 3/20/2012

FORMER NORTH AMERICAN TRISONIC WIND TUNNEL (Continued) **S108197287**

Future Area Name:	Not reported
Future Sub Area Name:	Not reported
Future Document Type:	Not reported
Future Due Date:	Not reported
Schedule Area Name:	Not reported
Schedule Sub Area Name:	Not reported
Schedule Document Type:	Not reported
Schedule Due Date:	Not reported
Schedule Revised Date:	Not reported

VCP:

Facility ID:	60000905
Site Type:	Voluntary Cleanup
Site Type Detail:	Voluntary Cleanup
Site Mgmt. Req.:	NONE SPECIFIED
Acres:	3.6
National Priorities List:	NO
Cleanup Oversight Agencies:	SMBRP
Lead Agency:	SMBRP
Lead Agency Description:	DTSC - Site Cleanup Program
Project Manager:	Not reported
Supervisor:	Javier Hinojosa
Division Branch:	Cleanup Chatsworth
Site Code:	301386
Assembly:	62
Senate:	26
Special Programs Code:	Voluntary Cleanup Program
Status:	No Further Action
Status Date:	01/07/2014
Restricted Use:	NO
Funding:	Responsible Party
Lat/Long:	33.92215 / -118.3852
APN:	NONE SPECIFIED
Past Use:	AEROSPACE ROCKET TESTING/LAUNCH, HAZARDOUS WASTE STORAGE - TANKS/CONTAINERS
Potential COC:	30013, 30018, 30026, 30027
Confirmed COC:	30018,30013
Potential Description:	CSS, SOIL
Alias Name:	301386
Alias Type:	Project Code (Site Code)
Alias Name:	60000905
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Voluntary Cleanup Agreement
Completed Date:	04/28/2008
Comments:	VCA signed for oversight during building demolition and soil remediation, if necessary. "No Further Action Letter" to be prepared at successful completion of project.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	CEQA - Initial Study/ Mitigated Neg. Dec. (MND)
Completed Date:	04/28/2009
Comments:	Document reviewed and comments sent.

FORMER NORTH AMERICAN TRISONIC WIND TUNNEL (Continued) **S108197287**

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 10/17/2011
Comments: Letter sent to proponent on 10/12/2011

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Certification
Completed Date: 03/05/2012
Comments: DTSC issued certification letter

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Cost Recovery Closeout Memo
Completed Date: 04/19/2012
Comments: CRU Memo dated 4/23/2012 Sent

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Workplan
Completed Date: 01/22/2009
Comments: Document reviewed.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Workplan
Completed Date: 02/22/2009
Comments: Document reviewed.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Report
Completed Date: 04/22/2010
Comments: Report approved verbally.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Workplan
Completed Date: 05/28/2009
Comments: Sampling plan to determine below basement and exterior areas extent of contamination approved.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 06/10/2009
Comments: Fieldwork for additional soil sampling completed.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Report
Completed Date: 12/01/2009
Comments: Report approved.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported

FORMER NORTH AMERICAN TRISONIC WIND TUNNEL (Continued) **S108197287**

Completed Document Type: Fieldwork
Completed Date: 05/01/2011
Comments: Demolition of surface structures has been completed. Additional demolition of deeper foundation structures is in progress.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Workplan
Completed Date: 08/31/2010
Comments: approved

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Report
Completed Date: 03/05/2012
Comments: DTSC issued Certification of Removal Action.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 12/12/2011
Comments: Demolition completed, confirmation sampling completed and contaminated soil removed and shipped off site. Completion report expected soon.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 03/05/2012
Comments: DTSC issued certification letter for Removal Action

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Voluntary Cleanup Agreement Termination Notification
Completed Date: 03/27/2012
Comments: Letter sent on 3/20/2012

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

NPDES:
Npdes Number: Not reported
Facility Status: Not reported
Agency Id: Not reported
Region: 4
Regulatory Measure Id: 369991
Order No: Not reported
Regulatory Measure Type: Construction
Place Id: Not reported
WDID: 4 19C356178

FORMER NORTH AMERICAN TRISONIC WIND TUNNEL (Continued) **S108197287**

Program Type:	Not reported
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	9/10/2012
Discharge Name:	Not reported
Discharge Address:	Not reported
Discharge City:	Not reported
Discharge State:	Not reported
Discharge Zip:	Not reported
RECEIVED DATE:	8/17/2009
PROCESSED DATE:	9/2/2009
STATUS CODE NAME:	Terminated
STATUS DATE:	10/18/2012
PLACE SIZE:	3.3
PLACE SIZE UNIT:	Acres
FACILITY CONTACT NAME:	Stu Batstone
FACILITY CONTACT TITLE:	Not reported
FACILITY CONTACT PHONE:	949-302-6271
FACILITY CONTACT PHONE EXT:	Not reported
FACILITY CONTACT EMAIL:	Not reported
OPERATOR NAME:	UC Regents
OPERATOR ADDRESS:	UC Berkley EH&S 1150
OPERATOR CITY:	Berkley
OPERATOR STATE:	California
OPERATOR ZIP:	94720
OPERATOR CONTACT NAME:	Brad Erickson
OPERATOR CONTACT TITLE:	Not reported
OPERATOR CONTACT PHONE:	310-794-6122
OPERATOR CONTACT PHONE EXT:	Not reported
OPERATOR CONTACT EMAIL:	Not reported
OPERATOR TYPE:	State Agency
DEVELOPER NAME:	ARCADIS
DEVELOPER ADDRESS:	6872 Santa Teresa Blvd
DEVELOPER CITY:	San Jose
DEVELOPER STATE:	California
DEVELOPER ZIP:	95119
DEVELOPER CONTACT NAME:	Rebecca Lindeman
DEVELOPER CONTACT TITLE:	Not reported
CONSTYPE LINEAR UTILITY IND:	Not reported
EMERGENCY PHONE NO:	949-302-6271
EMERGENCY PHONE EXT:	Not reported
CONSTYPE ABOVE GROUND IND:	Not reported
CONSTYPE BELOW GROUND IND:	Not reported
CONSTYPE CABLE LINE IND:	Not reported
CONSTYPE COMM LINE IND:	Not reported
CONSTYPE COMMERTIAL IND:	Not reported
CONSTYPE ELECTRICAL LINE IND:	Not reported
CONSTYPE GAS LINE IND:	Not reported
CONSTYPE INDUSTRIAL IND:	Y
CONSTYPE OTHER DESRIPTION:	Not reported
CONSTYPE OTHER IND:	Not reported
CONSTYPE RECONS IND:	Not reported
CONSTYPE RESIDENTIAL IND:	Not reported
CONSTYPE TRANSPORT IND:	Not reported
CONSTYPE UTILITY DESCRIPTION:	Not reported
CONSTYPE UTILITY IND:	Not reported

FORMER NORTH AMERICAN TRISONIC WIND TUNNEL (Continued) **S108197287**

CONSTYPE WATER SEWER IND:	Not reported
DIR DISCHARGE USWATER IND:	Not reported
RECEIVING WATER NAME:	Not reported
CERTIFIER NAME:	Troy Pfaff
CERTIFIER TITLE:	Not reported
CERTIFICATION DATE:	15-OCT-10
PRIMARY SIC:	Not reported
SECONDARY SIC:	Not reported
TERTIARY SIC:	Not reported
Npdes Number:	Not reported
Facility Status:	Not reported
Agency Id:	Not reported
Region:	4
Regulatory Measure Id:	459798
Order No:	Not reported
Regulatory Measure Type:	Construction
Place Id:	Not reported
WDID:	4 19C373651
Program Type:	Not reported
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	Not reported
Discharge Address:	Not reported
Discharge City:	Not reported
Discharge State:	Not reported
Discharge Zip:	Not reported
RECEIVED DATE:	8/6/2015
PROCESSED DATE:	8/7/2015
STATUS CODE NAME:	Active
STATUS DATE:	8/7/2015
PLACE SIZE:	3.42
PLACE SIZE UNIT:	Acres
FACILITY CONTACT NAME:	Greg Geiger
FACILITY CONTACT TITLE:	Not reported
FACILITY CONTACT PHONE:	310-294-1234
FACILITY CONTACT PHONE EXT:	Not reported
FACILITY CONTACT EMAIL:	jan@live-oak-properties.com
OPERATOR NAME:	400 Duley Road Property LLC
OPERATOR ADDRESS:	2121 Rosecrans Avenue
OPERATOR CITY:	El Segundo
OPERATOR STATE:	California
OPERATOR ZIP:	90245
OPERATOR CONTACT NAME:	Greg Geiger
OPERATOR CONTACT TITLE:	Not reported
OPERATOR CONTACT PHONE:	310-294-1234
OPERATOR CONTACT PHONE EXT:	Not reported
OPERATOR CONTACT EMAIL:	jan@live-oak-properties.com
OPERATOR TYPE:	Private Business
DEVELOPER NAME:	400 Duley Road Property LLC
DEVELOPER ADDRESS:	2121 Rosecrans Avenue
DEVELOPER CITY:	El Segundo
DEVELOPER STATE:	California
DEVELOPER ZIP:	90245
DEVELOPER CONTACT NAME:	Greg Geiger

FORMER NORTH AMERICAN TRISONIC WIND TUNNEL (Continued) **S108197287**

DEVELOPER CONTACT TITLE:	Not reported
CONSTYPE LINEAR UTILITY IND:	N
EMERGENCY PHONE NO:	Not reported
EMERGENCY PHONE EXT:	Not reported
CONSTYPE ABOVE GROUND IND:	N
CONSTYPE BELOW GROUND IND:	N
CONSTYPE CABLE LINE IND:	N
CONSTYPE COMM LINE IND:	N
CONSTYPE COMMERTIAL IND:	Y
CONSTYPE ELECTRICAL LINE IND:	N
CONSTYPE GAS LINE IND:	N
CONSTYPE INDUSTRIAL IND:	N
CONSTYPE OTHER DESRIPTION:	Not reported
CONSTYPE OTHER IND:	N
CONSTYPE RECONS IND:	N
CONSTYPE RESIDENTIAL IND:	N
CONSTYPE TRANSPORT IND:	N
CONSTYPE UTILITY DESCRIPTION:	Not reported
CONSTYPE UTILITY IND:	N
CONSTYPE WATER SEWER IND:	N
DIR DISCHARGE USWATER IND:	N
RECEIVING WATER NAME:	Not reported
CERTIFIER NAME:	Greg Geiger
CERTIFIER TITLE:	Managing Partner
CERTIFICATION DATE:	06-AUG-15
PRIMARY SIC:	Not reported
SECONDARY SIC:	Not reported
TERTIARY SIC:	Not reported

Npdes Number:	CAS000002
Facility Status:	Active
Agency Id:	0
Region:	4
Regulatory Measure Id:	459798
Order No:	2009-0009-DWQ
Regulatory Measure Type:	Enrollee
Place Id:	Not reported
WDID:	4 19C373651
Program Type:	Construction
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	08/07/2015
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	400 Duley Road Property LLC
Discharge Address:	2121 Rosecrans Avenue
Discharge City:	El Segundo
Discharge State:	California
Discharge Zip:	90245
RECEIVED DATE:	Not reported
PROCESSED DATE:	Not reported
STATUS CODE NAME:	Not reported
STATUS DATE:	Not reported
PLACE SIZE:	Not reported
PLACE SIZE UNIT:	Not reported
FACILITY CONTACT NAME:	Not reported
FACILITY CONTACT TITLE:	Not reported
FACILITY CONTACT PHONE:	Not reported

FORMER NORTH AMERICAN TRISONIC WIND TUNNEL (Continued) **S108197287**

FACILITY CONTACT PHONE EXT:	Not reported
FACILITY CONTACT EMAIL:	Not reported
OPERATOR NAME:	Not reported
OPERATOR ADDRESS:	Not reported
OPERATOR CITY:	Not reported
OPERATOR STATE:	Not reported
OPERATOR ZIP:	Not reported
OPERATOR CONTACT NAME:	Not reported
OPERATOR CONTACT TITLE:	Not reported
OPERATOR CONTACT PHONE:	Not reported
OPERATOR CONTACT PHONE EXT:	Not reported
OPERATOR CONTACT EMAIL:	Not reported
OPERATOR TYPE:	Not reported
DEVELOPER NAME:	Not reported
DEVELOPER ADDRESS:	Not reported
DEVELOPER CITY:	Not reported
DEVELOPER STATE:	Not reported
DEVELOPER ZIP:	Not reported
DEVELOPER CONTACT NAME:	Not reported
DEVELOPER CONTACT TITLE:	Not reported
CONSTYPE LINEAR UTILITY IND:	Not reported
EMERGENCY PHONE NO:	Not reported
EMERGENCY PHONE EXT:	Not reported
CONSTYPE ABOVE GROUND IND:	Not reported
CONSTYPE BELOW GROUND IND:	Not reported
CONSTYPE CABLE LINE IND:	Not reported
CONSTYPE COMM LINE IND:	Not reported
CONSTYPE COMMERTIAL IND:	Not reported
CONSTYPE ELECTRICAL LINE IND:	Not reported
CONSTYPE GAS LINE IND:	Not reported
CONSTYPE INDUSTRIAL IND:	Not reported
CONSTYPE OTHER DESRIPTION:	Not reported
CONSTYPE OTHER IND:	Not reported
CONSTYPE RECONS IND:	Not reported
CONSTYPE RESIDENTIAL IND:	Not reported
CONSTYPE TRANSPORT IND:	Not reported
CONSTYPE UTILITY DESCRIPTION:	Not reported
CONSTYPE UTILITY IND:	Not reported
CONSTYPE WATER SEWER IND:	Not reported
DIR DISCHARGE USWATER IND:	Not reported
RECEIVING WATER NAME:	Not reported
CERTIFIER NAME:	Not reported
CERTIFIER TITLE:	Not reported
CERTIFICATION DATE:	Not reported
PRIMARY SIC:	Not reported
SECONDARY SIC:	Not reported
TERTIARY SIC:	Not reported

93
WSW
1/2-1
0.837 mi.
4421 ft.

MIRRA COTE COMPANY INC
140 STANDARD STREET
EL SEGUNDO, CA 90245

CA ENVIROSTOR
CA SLIC
CA ENF

S103878776
N/A

Relative:
Lower

Actual:
97 ft.

ENVIROSTOR:

Facility ID:	19340277
Status:	Refer: Other Agency
Status Date:	08/31/1995
Site Code:	Not reported
Site Type:	Historical
Site Type Detailed:	* Historical
Acres:	Not reported
NPL:	NO
Regulatory Agencies:	NONE SPECIFIED
Lead Agency:	NONE SPECIFIED
Program Manager:	Not reported
Supervisor:	Referred - Not Assigned
Division Branch:	Cleanup Chatsworth
Assembly:	62
Senate:	26
Special Program:	Not reported
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	Not reported
Latitude:	33.91749
Longitude:	-118.4143
APN:	4135008003
Past Use:	NONE SPECIFIED
Potential COC:	* OTHER ORGANIC SOLIDS
Confirmed COC:	NONE SPECIFIED
Potential Description:	NONE SPECIFIED
Alias Name:	BUSSCO ENGR (1980-)
Alias Type:	Alternate Name
Alias Name:	SSI
Alias Type:	Alternate Name
Alias Name:	4135008003
Alias Type:	APN
Alias Name:	CAD070212972
Alias Type:	EPA Identification Number
Alias Name:	110002656108
Alias Type:	EPA (FRS #)
Alias Name:	19340277
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Site Screening
Completed Date:	11/09/1988
Comments:	SITE SCREENING DONE DHS WILL TAKE NFA DUE TO LOW GROUND WATER TARGETS AND ROUTE CHARACTERISTICS VALUE, LOW WASTE QUANTITY AND LOW SURFACE WATER TARGET VALUE
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Site Screening
Completed Date:	01/26/1988
Comments:	SITE SCREENING DONE REASSESSMENT OF PA DONE BY E&E RECOMMENDS NFA

MIRRA COTE COMPANY INC (Continued) **S103878776**

UNDR CERCLA DUE TO THE FACT THAT THE SITE WILL NOT SCORE SUFFICIENTLY FOR NPL RANKING

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * Discovery
Completed Date: 01/05/1982
Comments: FACILITY IDENTIFIED LA CHAM OF COMM BUS DIR 1958 DECORATING, METALIZING ON PLASTIC

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

SLIC:
Region: STATE
Facility Status: **Completed - Case Closed**
Status Date: 10/27/2009
Global Id: SL2048K1704
Lead Agency: LOS ANGELES RWQCB (REGION 4)
Lead Agency Case Number: Not reported
Latitude: 33.916166
Longitude: -118.413868
Case Type: Cleanup Program Site
Case Worker: ABL
Local Agency: Not reported
RB Case Number: 0665
File Location: Regional Board
Potential Media Affected: Indoor Air, Other Groundwater (uses other than drinking water), Soil, Soil Vapor
Potential Contaminants of Concern: Tetrachloroethylene (PCE), Trichloroethylene (TCE)
Site History: The former Slide System facility is approximately 0.4 acres located in a mixed industrial, commercial area. The former Slide System is a former tenant. Site activities included precision metal stamping, and parts cleaning using a chlorinated solvent [tetrachloroethene (PCE)]. Precision metal stamping activities ceased in 2003, and the Site is currently occupied by a commercial laboratory. The responsible party, 140 Standard Street Partners, LLC (the Owner), has been carrying out site assessment under RWQCB oversight. Site assessment began in 1998. A Phase I Environmental Assessment was completed and reported on October 22, 1998, followed by a soil gas survey performed in May 1999. The results of these investigations determined subsurface release of PCE at the Site. Although the 1999 soil gas survey results outlined the lateral extent of soil contamination, the soil gas survey was limited to five feet in soil depth. At the request of the Regional Board, the Owner carried out additional site investigations including a deep soil vapor investigation performed in May 2007, an indoor air sampling at the Site on February 6, 2008, and a deep boring to complete vertical soil profile at the former source area in January 2009. Based on analytical data provided in 2007 and 2008 site investigations, the Office of Environmental Health and Hazard

MIRRA COTE COMPANY INC (Continued) **S103878776**

Assessment (OEHHA) evaluated health risks. OEHHA staff provided results of evaluation to Regional Board in two comment letters (OEHHA, April 2007 and May 2008). In summary, OEHHA concurred that the cancer risk for commercial workers due to site-related contamination to occupants of the building at 140 Standard Street is 2x10-5, which is within the risk management range (1 in 10,000 to 1 in 1,000,000) for commercial use; and, the non-carcinogenic hazards are not significant. In terms of risk and hazard for future residential land use, OEHHA estimates that rebuilding the site as is would result in cancer risk and non-cancer hazard elevated above the acceptable levels. At this risk level, a deed restriction on land use is required. Depth to the first ground water beneath the property is approximately 92 to 97 feet bgs. The groundwater contaminant plume delineation is limited to data collected from three on-site monitoring wells, among which MW-1 is located at the northwest corner, and wells MW-2 and MW-3 are located at the southwest corner next to the property lines. Trends for PCE show decreasing concentrations in onsite wells, and concurrent increases in concentrations of the daughter products in downgradient well. Concentrations over time demonstrate increasing concentrations of PCE and TCE in MW-2, indicating upgradient PCE/TCE groundwater plume migrating onto the Site. The water quality data provide evidence that conditions are favorable for natural attenuation and breakdown of chlorinated solvents is occurring, due to the presence of fuel hydrocarbons in the regional Chevron El Segundo Refinery fuel plume. Remediation: Not required. Information supporting a no-further-action (NFA) determination is based on the following: 1. As of January 2009, the Owner completed the lateral and vertical delineation in soil, and demonstrates that no residual PCE (nor any other VOCs) is present in soil at the former source area, based on analytical results of soil samples collected from 6.5 ft to 90 ft bgs. Depth to groundwater underlying the site is approximately 92 feet bgs. Therefore, no known PCE soil contamination has been left in-place exceeding acceptable Interim Site Assessment & Cleanup Guidebook limits. 2. A Conceptual Site Model (CSM) was completed and submitted to RWQCB. Human health risk assessments were submitted and concurred by OEHHA. The indoor air for inhalation for commercial workers is considered the only completed pathway, and the health risk is within an acceptable risk management range (10-5). OEHHA also conducted a follow-up review on 2008 indoor air sampling results and concluded the results did not yield an unacceptable health risk. Therefore, no remedy is required for mitigating any potential soil vapor intrusion. 3. The property is located west (ocean side) of the saltwater intrusion barrier system for the West Coast Groundwater Basin. RWQCB adopted Resolution No. 98-18, which removed the municipal and domestic (MUN) beneficial use designation for the groundwater located in this area. 4. As of January 2009, PCE and TCE concentrations in groundwater are at 1 to 2 times of the MCLs. The water quality data provide evidence in favor for natural attenuation due to the presence of fuel hydrocarbons in groundwater, and breakdown of chlorinated solvents is occurring. 5. The Site is located in an industrial area impacted with fuel-related compounds and chlorinated solvents from sources other than the Site. The presence of free hydrocarbon product at the water table, as well as the dissolved phase fuel-related hydrocarbons, is associated with the known Chevron Refinery groundwater contamination. RWQCB determined no further action for the former Slide System facility with a Covenant and Environmental Restriction on Property, recorded

MIRRA COTE COMPANY INC (Continued) **S103878776**

at Recorders office, Los Angeles County, California, dated September 24, 2009.

Click here to access the California GeoTracker records for this facility:

SLIC REG 4:

Region:	4
Facility Status:	Site Assessment
SLIC:	0665
Substance:	VOCs
Staff:	JW

ENF:

Region:	4
Facility Id:	261421
Agency Name:	Slide Systems, Inc.
Place Type:	Facility
Place Subtype:	Not reported
Facility Type:	All other facilities
Agency Type:	Privately-Owned Business
# Of Agencies:	1
Place Latitude:	33.917029
Place Longitude:	-118.414741
SIC Code 1:	Not reported
SIC Desc 1:	Not reported
SIC Code 2:	Not reported
SIC Desc 2:	Not reported
SIC Code 3:	Not reported
SIC Desc 3:	Not reported
NAICS Code 1:	Not reported
NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
NAICS Code 3:	Not reported
NAICS Desc 3:	Not reported
# Of Places:	1
Source Of Facility:	Reg Meas
Design Flow:	Not reported
Threat To Water Quality:	Not reported
Complexity:	Not reported
Pretreatment:	Not reported
Facility Waste Type:	Not reported
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	SLIC
Program Category1:	TANKS
Program Category2:	TANKS
# Of Programs:	1
WDID:	4SLIC665
Reg Measure Id:	170286
Reg Measure Type:	Unregulated
Region:	4
Order #:	Not reported
Npdes# CA#:	Not reported
Major-Minor:	Not reported

MIRRA COTE COMPANY INC (Continued) **S103878776**

Npdes Type:	Not reported
Reclamation:	Not reported
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Never Active
Status Date:	02/20/2013
Effective Date:	Not reported
Expiration/Review Date:	Not reported
Termination Date:	Not reported
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	N
Individual/General:	I
Fee Code:	Not reported
Direction/Voice:	Passive
Enforcement Id(EID):	247249
Region:	4
Order / Resolution Number:	UNKNOWN
Enforcement Action Type:	Notice of Violation
Effective Date:	02/27/2002
Adoption/Issuance Date:	Not reported
Achieve Date:	Not reported
Termination Date:	02/27/2002
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	Enforcement - 4SLIC665
Description:	NOV sent 2/27/02 for overdue groundwater monitoring well installation report.
Program:	SLIC
Latest Milestone Completion Date:	Not reported
# Of Programs1:	1
Total Assessment Amount:	$0.00
Initial Assessed Amount:	$0.00
Liability $ Amount:	$0.00
Project $ Amount:	$0.00
Liability $ Paid:	$0.00
Project $ Completed:	$0.00
Total $ Paid/Completed Amount:	$0.00
Region:	4
Facility Id:	261421
Agency Name:	Slide Systems, Inc.
Place Type:	Facility
Place Subtype:	Not reported
Facility Type:	All other facilities
Agency Type:	Privately-Owned Business
# Of Agencies:	1
Place Latitude:	33.917029
Place Longitude:	-118.414741
SIC Code 1:	Not reported
SIC Desc 1:	Not reported

MIRRA COTE COMPANY INC (Continued) **S103878776**

SIC Code 2:	Not reported
SIC Desc 2:	Not reported
SIC Code 3:	Not reported
SIC Desc 3:	Not reported
NAICS Code 1:	Not reported
NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
NAICS Code 3:	Not reported
NAICS Desc 3:	Not reported
# Of Places:	1
Source Of Facility:	Reg Meas
Design Flow:	Not reported
Threat To Water Quality:	Not reported
Complexity:	Not reported
Pretreatment:	Not reported
Facility Waste Type:	Not reported
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	SLIC
Program Category1:	TANKS
Program Category2:	TANKS
# Of Programs:	1
WDID:	4SLIC665
Reg Measure Id:	170286
Reg Measure Type:	Unregulated
Region:	4
Order #:	Not reported
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	Not reported
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Never Active
Status Date:	02/20/2013
Effective Date:	Not reported
Expiration/Review Date:	Not reported
Termination Date:	Not reported
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	N
Individual/General:	I
Fee Code:	Not reported
Direction/Voice:	Passive
Enforcement Id(EID):	246084
Region:	4
Order / Resolution Number:	13267 Letter
Enforcement Action Type:	13267 Letter
Effective Date:	05/22/2002
Adoption/Issuance Date:	Not reported

MIRRA COTE COMPANY INC (Continued) **S103878776**

Achieve Date:	Not reported
Termination Date:	05/22/2002
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	Enforcement - 4SLIC665
Description:	13267 letter sent 5/22/02 requesting financial information on RP's inability to conduct further site assessment work due to lack of funds.
Program:	SLIC
Latest Milestone Completion Date:	Not reported
# Of Programs1:	1
Total Assessment Amount:	$0.00
Initial Assessed Amount:	$0.00
Liability $ Amount:	$0.00
Project $ Amount:	$0.00
Liability $ Paid:	$0.00
Project $ Completed:	$0.00
Total $ Paid/Completed Amount:	$0.00

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94 **NORTH AMERICAN AIRCRAFT** **CA ENVIROSTOR** **S107736912**
NE **N/A**
1/2-1 **INGLEWOOD, CA**
0.839 mi.
4428 ft.

Relative:
Lower

Actual:
104 ft.

ENVIROSTOR:

Facility ID:	80000838
Status:	Inactive - Needs Evaluation
Status Date:	07/01/2005
Site Code:	Not reported
Site Type:	Military Evaluation
Site Type Detailed:	FUDS
Acres:	Not reported
NPL:	NO
Regulatory Agencies:	SMBRP
Lead Agency:	SMBRP
Program Manager:	Not reported
Supervisor:	Douglas Bautista
Division Branch:	Cleanup Cypress
Assembly:	62
Senate:	26
Special Program:	Not reported
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	DERA
Latitude:	33.92916
Longitude:	-118.3888
APN:	NONE SPECIFIED
Past Use:	NONE SPECIFIED
Potential COC:	NONE SPECIFIED
Confirmed COC:	NONE SPECIFIED
Potential Description:	NONE SPECIFIED
Alias Name:	CA99799F995900
Alias Type:	Federal Facility ID
Alias Name:	J09CA7136
Alias Type:	INPR
Alias Name:	80000838

NORTH AMERICAN AIRCRAFT (Continued) **S107736912**

Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: Not reported
Completed Sub Area Name: Not reported
Completed Document Type: Not reported
Completed Date: Not reported
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

Facility ID: 80000839
Status: Inactive - Needs Evaluation
Status Date: 07/01/2005
Site Code: Not reported
Site Type: Military Evaluation
Site Type Detailed: FUDS
Acres: Not reported
NPL: NO
Regulatory Agencies: SMBRP
Lead Agency: SMBRP
Program Manager: Not reported
Supervisor: Douglas Bautista
Division Branch: Cleanup Cypress
Assembly: 62
Senate: 26
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: DERA
Latitude: 33.93111
Longitude: -118.3875
APN: NONE SPECIFIED
Past Use: NONE SPECIFIED
Potential COC: NONE SPECIFIED
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: CA99799F996000
Alias Type: Federal Facility ID
Alias Name: J09CA7137
Alias Type: INPR
Alias Name: 80000839
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Inventory Project Report (INPR)
Completed Date: 10/07/1993
Comments: Not reported

NORTH AMERICAN AIRCRAFT (Continued) **S107736912**

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

95
NNE
1/2-1
0.903 mi.
4766 ft.

GARRETT AVIATION SVCS. - CFC AVIATION SVCS. **CA ENVIROSTOR 1006824524**
6201 W. IMPERIAL HIGHWAY **CA EMI N/A**
LOS ANGELES, CA 90045 **LA Co. Site Mitigation**

Relative:
Lower

Actual:
104 ft.

ENVIROSTOR:
Facility ID: 71003574
Status: Refer: Other Agency
Status Date: Not reported
Site Code: Not reported
Site Type: Tiered Permit
Site Type Detailed: Tiered Permit
Acres: Not reported
NPL: NO
Regulatory Agencies: NONE SPECIFIED
Lead Agency: NONE SPECIFIED
Program Manager: Not reported
Supervisor: Not reported
Division Branch: Cleanup Chatsworth
Assembly: 62
Senate: 26
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Not reported
Latitude: 33.93148
Longitude: -118.4187
APN: NONE SPECIFIED
Past Use: NONE SPECIFIED
Potential COC: NONE SPECIFIED
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: CA0000546630
Alias Type: EPA Identification Number
Alias Name: 110017207618
Alias Type: EPA (FRS #)
Alias Name: 71003574
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: Not reported
Completed Sub Area Name: Not reported
Completed Document Type: Not reported
Completed Date: Not reported
Comments: Not reported

Future Area Name: Not reported

GARRETT AVIATION SVCS. - CFC AVIATION SVCS. (Continued) **1006824524**

Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

EMI:

Year:	1997
County Code:	19
Air Basin:	SC
Facility ID:	108857
Air District Name:	SC
SIC Code:	4581
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	23
Reactive Organic Gases Tons/Yr:	21
Carbon Monoxide Emissions Tons/Yr:	10
NOX - Oxides of Nitrogen Tons/Yr:	11
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Year:	1998
County Code:	19
Air Basin:	SC
Facility ID:	108857
Air District Name:	SC
SIC Code:	4581
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	23
Reactive Organic Gases Tons/Yr:	21
Carbon Monoxide Emissions Tons/Yr:	10
NOX - Oxides of Nitrogen Tons/Yr:	11
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Year:	1999
County Code:	19
Air Basin:	SC
Facility ID:	108857
Air District Name:	SC
SIC Code:	4581
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	23
Reactive Organic Gases Tons/Yr:	21
Carbon Monoxide Emissions Tons/Yr:	10
NOX - Oxides of Nitrogen Tons/Yr:	11

GARRETT AVIATION SVCS. - CFC AVIATION SVCS. (Continued) **1006824524**

SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr: 0

Year: 2000
County Code: 19
Air Basin: SC
Facility ID: 108857
Air District Name: SC
SIC Code: 4581
Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 23
Reactive Organic Gases Tons/Yr: 21
Carbon Monoxide Emissions Tons/Yr: 10
NOX - Oxides of Nitrogen Tons/Yr: 11
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr: 0

Year: 2012
County Code: 19
Air Basin: SC
Facility ID: 155828
Air District Name: SC
SIC Code: 4581
Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 1.7718617337
Reactive Organic Gases Tons/Yr: 1.67376
Carbon Monoxide Emissions Tons/Yr: 1.58604
NOX - Oxides of Nitrogen Tons/Yr: 1.95648
SOX - Oxides of Sulphur Tons/Yr: 0.08732
Particulate Matter Tons/Yr: 0.044683797
Part. Matter 10 Micrometers and Smllr Tons/Yr: 0.04295936512

Year: 2013
County Code: 19
Air Basin: SC
Facility ID: 155828
Air District Name: SC
SIC Code: 4581
Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 2.6604989273
Reactive Organic Gases Tons/Yr: 2.51259
Carbon Monoxide Emissions Tons/Yr: 1.46672
NOX - Oxides of Nitrogen Tons/Yr: 2.24845
SOX - Oxides of Sulphur Tons/Yr: 0.1075
Particulate Matter Tons/Yr: 0.03498
Part. Matter 10 Micrometers and Smllr Tons/Yr: 0.03365262

LA Co. Site Mitigation:
Facility ID: FA0014246

GARRETT AVIATION SVCS. - CFC AVIATION SVCS. (Continued) **1006824524**

Site ID: SD0010286
Jurisdiction: Not reported
Case ID: RO0010286
Abated: Yes
Assigned To: RS
Entered Date: Not reported
Abated Date: 01/01/1991

V96 **FORT MCARTHUR** **CA BOND EXP. PLAN** **S100833329**
East **200 NORTH DOUGLAS STREET, BLDG. 212** **N/A**
1/2-1 **SAN PEDRO, CA 90245**
0.936 mi.
4942 ft. **Site 1 of 2 in cluster V**

Relative:
Lower

Actual:
98 ft.

CA BOND EXP. PLAN:
Reponsible Party: FEDERAL FACILITY SITE CLEANUP WORKPLAN
Project Revenue Source Company: Not reported
Project Revenue Source Addr: Not reported
Project Revenue Source City,St,Zip: Not reported
Project Revenue Source Desc: The Department will either enter into an interagency agreement with the Department of Defense or will issue an order. The Department has budgeted $15,000 for oversight/monitoring costs. DHS will seek 100 percent cost recovery for its direct costs plus staff costs and overhead related to the project. The Department of Defense is expected to fund all remedial investigation and cleanup activities.
Site Description: The Fort McArthur site is a former nike missile base located in the White's Point area of San Pedro. The Army transferred the site to the Air Force for housing and the Air Force transferred part of the site to the City of Los Angeles for a park. Thesite is located at 25th Street and Western Avenue in San Pedro.
Hazardous Waste Desc: Ninety-six acres of the original 561-acre complex remain under Air Force control. The remaining properties were disposed of as surplus. An initial assessment study was performed on the active ninety-six acres of Fort McArthur. Nine acres of potential contamination were identified. Only two areas are recommended by the Air Force for further site characterization. Released wastes include pesticides and battery acids.
Threat To Public Health & Env: Residues of hazardous wastes in the soil are the only identified environmental threat. Ground water is intruded by seawater and is unsuitable at this time for use as a drinking water supply. There is no known exposure at this time.
Site Activity Status: The installation restoration program (IRP) has been initiated at this base. Currently, the program is in the operations/remedial action phase of the mitigation process.

V97 **201 N. DOUGLAS PROPERTY** **CA ENVIROSTOR** **S108200735**
East **201 N. DOUGLAS STREET** **CA SCH** **N/A**
1/2-1 **EL SEGUNDO, CA 90245**
0.937 mi.
4947 ft. **Site 2 of 2 in cluster V**

Relative:
Lower

Actual:
97 ft.

ENVIROSTOR:
Facility ID: 60001802
Status: Active
Status Date: 10/04/2012
Site Code: 304642
Site Type: School Cleanup
Site Type Detailed: School

201 N. DOUGLAS PROPERTY (Continued) **S108200735**

Acres:	13.7
NPL:	NO
Regulatory Agencies:	SMBRP
Lead Agency:	SMBRP
Program Manager:	Christine Chiu
Supervisor:	Yolanda Garza
Division Branch:	Southern California Schools & Brownfields Outreach
Assembly:	62
Senate:	26
Special Program:	Not reported
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	School District
Latitude:	33.91887
Longitude:	-118.3843
APN:	4138-003-041
Past Use:	OIL FIELD, RESEARCH - AEROSPACE
Potential COC:	Methane Hydrogen sulfide
Confirmed COC:	Methane 30330-NO
Potential Description:	SV
Alias Name:	Wiseburn High School
Alias Type:	Alternate Name
Alias Name:	4138-003-041
Alias Type:	APN
Alias Name:	304642
Alias Type:	Project Code (Site Code)
Alias Name:	60001802
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Amendment - Order/Agreement
Completed Date:	08/20/2014
Comments:	On August 20, 2014, DTSC received the SCA Amendment which was fully executed on June 26, 2014.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Environmental Oversight Agreement
Completed Date:	10/15/2012
Comments:	Fully executed EOA sent (FedEx) to District 10/16/12.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Post HARP Form
Completed Date:	08/15/2013
Comments:	On August 15, 2013, DTSC Supervisor signed the Post-HARP for site visit inside existing building.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	School Cleanup Agreement
Completed Date:	02/05/2013
Comments:	Fully executed sent (FedEx) to the District.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported

201 N. DOUGLAS PROPERTY (Continued) **S108200735**

Completed Document Type: Correspondence
Completed Date: 08/01/2013
Comments: On August 1, 2013, DTSC informed the District that DTSC oversight costs exceeded the SCA cost estimate, listed activities causing the exceedance, and provided a revised cost estimate.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 01/24/2013
Comments: On January 24,2013, DTSC notified the District that the Environmental Oversight Agreement cost estimate has been exceeded and provided an anticipated approximate cost for the PEA.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: CEQA - Responsible Agency Review
Completed Date: 09/06/2013
Comments: On September 6, 2013, DTSC signed the CEQA Notice of Determination.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Pre-HARP Form
Completed Date: 08/13/2013
Comments: On 08/13/2013, Pre-HARP was signed by the IH & Supervisor.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 09/09/2013
Comments: Via emails since August 1, 2013, DTSC received responses regarding information related to cultural resources for this project.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 08/20/2014
Comments: On August 20, 2014, DTSC provided a cost estimate of DTSC oversight activities for July 1, 2014 through June 30, 2015.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 09/11/2015
Comments: Annual cost estimate completed, emailed and mailed.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 11/06/2012
Comments: On November 6, 2012, DTSC conducted a PEA Scoping Meeting with the Wiseburn School District; in addition, representatives for the current propety owner and potential future property owner were in attendance. DTSC received a total of 13 documents/reports (electronic format) of existing Site data/information (1996 to 2012). The District indicated it will provide DTSC a letter indicating that the Existing Data will be considered as a PEA Equivalent Report and

201 N. DOUGLAS PROPERTY (Continued) **S108200735**

submit a PEA Workplan.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 01/16/2013
Comments: DTSC determined that a response action, to include methane mitigation through the removal action workplan process, is required for the Site.
Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Workplan
Completed Date: 11/27/2012
Comments: On November 27, 2012, DTSC conditionally approved the PEA Workplan provided specific comments be implemented and/or addressed during PEA fieldwork and in the PEA Report.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 01/31/2013
Comments: On January 31, 2013, DTSC provided comments on the Draft Environmental Impact Report.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Community Profile
Completed Date: 07/01/2013
Comments: DTSC approved the Community Profile, which describes the community and identifies potential community concerns regarding Site activities.
Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 04/10/2013
Comments: Via email on April 10, 2013, DTSC was informed that the Notice of Determination for the Environmental Impact Report (EIR) was filed with the County Clerk's office on March 22, 2013 and mailed to the State Clearinghouse. The FINAL EIR (SCH No. 2011061056), certified on March 21, 2013, is comprised of the following documents: 1) FINAL EIR, dated March 2013; 2) DRAFT EIR, dated January 2013; 3) ADDENDUM TO FINAL EIR (i.e., DTSC's comment letter, dated January 31, 2013, on the Draft EIR; and The Planning Center's response letter, dated March 11, 2013, to DTSC's comments).

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Workplan
Completed Date: 09/05/2013
Comments: On September 5, 2013, DTSC approved the Removal Action Workplan for implementation.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fact Sheets

201 N. DOUGLAS PROPERTY (Continued) **S108200735**

Completed Date: 07/18/2013
Comments: On July 18, 2013 and July 19, 2013, the Community Notice was distributed via US mail and e-mail. The Community Notice provided information on the Site history, proposed methane mitigation system, and 30-day public comment period (July 22 through August 20).

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: 4.15 Request
Completed Date: 07/17/2013
Comments: On July 17, 2013, DTSC signed the SFPD 4.15 Form documenting the commitment of the District and DTSC to California Department of Education to complete the required response action prior to project occupancy.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Public Notice
Completed Date: 07/22/2013
Comments: On July 22, 2013, the Public Notice Ad regarding the Draft RAW was published in the Daily Breeze.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Design/Implementation Workplan
Completed Date: 12/11/2014
Comments: On December 11, 2014, DTSC approved the Remedial Design Document, dated December 2014. RAW implementation is anticipated to commence during school construction activities in March 2015.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 08/14/2013
Comments: DTSC received a letter report, dated August 14, 2013, regarding Indoor Air Monitoring which was conducted on August 13, 2013.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 03/06/2014
Comments: DTSC had no comments on the CEQA document.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Work Notice
Completed Date: 08/03/2015
Comments: The Work Notice announcing Methane Mitigation Work (i.e., implementation of the RAW) was mailed/distributed.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 10/07/2014
Comments: DTSC did not have any comments on the CEQA Draft Supplemental EIR for the Wiseburn High School Sports Complex.

201 N. DOUGLAS PROPERTY (Continued) **S108200735**

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Technical Report
Completed Date:	06/09/2015
Comments:	Via email on June 9, 2015, DTSC indicated the design modifications to the Gas Mitigation System are acceptable.
Future Area Name:	PROJECT WIDE
Future Sub Area Name:	Not reported
Future Document Type:	Operations and Maintenance Plan
Future Due Date:	2017
Future Area Name:	PROJECT WIDE
Future Sub Area Name:	Not reported
Future Document Type:	Removal Action Completion Report
Future Due Date:	2017
Future Area Name:	PROJECT WIDE
Future Sub Area Name:	Not reported
Future Document Type:	Certification
Future Due Date:	2018
Schedule Area Name:	Not reported
Schedule Sub Area Name:	Not reported
Schedule Document Type:	Not reported
Schedule Due Date:	Not reported
Schedule Revised Date:	Not reported

SCH:

Facility ID:	60001802
Site Type:	School Cleanup
Site Type Detail:	School
Site Mgmt. Req.:	NONE SPECIFIED
Acres:	13.7
National Priorities List:	NO
Cleanup Oversight Agencies:	SMBRP
Lead Agency:	SMBRP
Lead Agency Description:	DTSC - Site Cleanup Program
Project Manager:	Christine Chiu
Supervisor:	Yolanda Garza
Division Branch:	Southern California Schools & Brownfields Outreach
Site Code:	304642
Assembly:	62
Senate:	26
Special Program Status:	Not reported
Status:	Active
Status Date:	10/04/2012
Restricted Use:	NO
Funding:	School District
Latitude:	33.91887
Longitude:	-118.3843
APN:	4138-003-041
Past Use:	OIL FIELD, RESEARCH - AEROSPACE
Potential COC:	Methane, Hydrogen sulfide
Confirmed COC:	Methane, 30330-NO
Potential Description:	SV
Alias Name:	Wiseburn High School
Alias Type:	Alternate Name
Alias Name:	4138-003-041

201 N. DOUGLAS PROPERTY (Continued) **S108200735**

Alias Type: APN
Alias Name: 304642
Alias Type: Project Code (Site Code)
Alias Name: 60001802
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Amendment - Order/Agreement
Completed Date: 08/20/2014
Comments: On August 20, 2014, DTSC received the SCA Amendment which was fully executed on June 26, 2014.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Environmental Oversight Agreement
Completed Date: 10/15/2012
Comments: Fully executed EOA sent (FedEx) to District 10/16/12.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Post HARP Form
Completed Date: 08/15/2013
Comments: On August 15, 2013, DTSC Supervisor signed the Post-HARP for site visit inside existing building.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: School Cleanup Agreement
Completed Date: 02/05/2013
Comments: Fully executed sent (FedEx) to the District.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 08/01/2013
Comments: On August 1, 2013, DTSC informed the District that DTSC oversight costs exceeded the SCA cost estimate, listed activities causing the exceedance, and provided a revised cost estimate.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 01/24/2013
Comments: On January 24,2013, DTSC notified the District that the Environmental Oversight Agreement cost estimate has been exceeded and provided an anticipated approximate cost for the PEA.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: CEQA - Responsible Agency Review
Completed Date: 09/06/2013
Comments: On September 6, 2013, DTSC signed the CEQA Notice of Determination.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Pre-HARP Form

201 N. DOUGLAS PROPERTY (Continued) **S108200735**

Completed Date: 08/13/2013
Comments: On 08/13/2013, Pre-HARP was signed by the IH & Supervisor.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 09/09/2013
Comments: Via emails since August 1, 2013, DTSC received responses regarding information related to cultural resources for this project.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 08/20/2014
Comments: On August 20, 2014, DTSC provided a cost estimate of DTSC oversight activities for July 1, 2014 through June 30, 2015.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 09/11/2015
Comments: Annual cost estimate completed, emailed and mailed.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 11/06/2012
Comments: On November 6, 2012, DTSC conducted a PEA Scoping Meeting with the Wiseburn School District; in addition, representatives for the current propety owner and potential future property owner were in attendance. DTSC received a total of 13 documents/reports (electronic format) of existing Site data/information (1996 to 2012). The District indicated it will provide DTSC a letter indicating that the Existing Data will be considered as a PEA Equivalent Report and submit a PEA Workplan.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 01/16/2013
Comments: DTSC determined that a response action, to include methane mitigation through the removal action workplan process, is required for the Site. Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Workplan
Completed Date: 11/27/2012
Comments: On November 27, 2012, DTSC conditionally approved the PEA Workplan provided specific comments be implemented and/or addressed during PEA fieldwork and in the PEA Report.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 01/31/2013
Comments: On January 31, 2013, DTSC provided comments on the Draft

201 N. DOUGLAS PROPERTY (Continued) **S108200735**

Environmental Impact Report.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Community Profile
Completed Date: 07/01/2013
Comments: DTSC approved the Community Profile, which describes the community and identifies potential community concerns regarding Site activities.
Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 04/10/2013
Comments: Via email on April 10, 2013, DTSC was informed that the Notice of Determination for the Environmental Impact Report (EIR) was filed with the County Clerk's office on March 22, 2013 and mailed to the State Clearinghouse. The FINAL EIR (SCH No. 2011061056), certified on March 21, 2013, is comprised of the following documents: 1) FINAL EIR, dated March 2013; 2) DRAFT EIR, dated January 2013; 3) ADDENDUM TO FINAL EIR (i.e., DTSC's comment letter, dated January 31, 2013, on the Draft EIR; and The Planning Center's response letter, dated March 11, 2013, to DTSC's comments).

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Workplan
Completed Date: 09/05/2013
Comments: On September 5, 2013, DTSC approved the Removal Action Workplan for implementation.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fact Sheets
Completed Date: 07/18/2013
Comments: On July 18, 2013 and July 19, 2013, the Community Notice was distributed via US mail and e-mail. The Community Notice provided information on the Site history, proposed methane mitigation system, and 30-day public comment period (July 22 through August 20).

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: 4.15 Request
Completed Date: 07/17/2013
Comments: On July 17, 2013, DTSC signed the SFPD 4.15 Form documenting the commitment of the District and DTSC to California Department of Education to complete the required response action prior to project occupancy.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Public Notice
Completed Date: 07/22/2013
Comments: On July 22, 2013, the Public Notice Ad regarding the Draft RAW was published in the Daily Breeze.

Completed Area Name: PROJECT WIDE

201 N. DOUGLAS PROPERTY (Continued) **S108200735**

Completed Sub Area Name: Not reported
Completed Document Type: Design/Implementation Workplan
Completed Date: 12/11/2014
Comments: On December 11, 2014, DTSC approved the Remedial Design Document, dated December 2014. RAW implementation is anticipated to commence during school construction activities in March 2015.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 08/14/2013
Comments: DTSC received a letter report, dated August 14, 2013, regarding Indoor Air Monitoring which was conducted on August 13, 2013.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 03/06/2014
Comments: DTSC had no comments on the CEQA document.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Work Notice
Completed Date: 08/03/2015
Comments: The Work Notice announcing Methane Mitigation Work (i.e., implementation of the RAW) was mailed/distributed.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 10/07/2014
Comments: DTSC did not have any comments on the CEQA Draft Supplemental EIR for the Wiseburn High School Sports Complex.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 06/09/2015
Comments: Via email on June 9, 2015, DTSC indicated the design modifications to the Gas Mitigation System are acceptable.

Future Area Name: PROJECT WIDE
Future Sub Area Name: Not reported
Future Document Type: Operations and Maintenance Plan
Future Due Date: 2017
Future Area Name: PROJECT WIDE
Future Sub Area Name: Not reported
Future Document Type: Removal Action Completion Report
Future Due Date: 2017
Future Area Name: PROJECT WIDE
Future Sub Area Name: Not reported
Future Document Type: Certification
Future Due Date: 2018
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported

201 N. DOUGLAS PROPERTY (Continued) **S108200735**

Schedule Revised Date: Not reported

Count: 4 records. ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
EL SEGUNDO	S101296163	CITY OF EL SEGUNDO	FRANKLIN AVE	90245	CA LUST, CA HIST CORTESE
EL SEGUNDO	S106386907	DOD - LOS ANGELES AIRFORCE BASE	EL SEGUNDO	90245	CA SLIC
HAWTHORNE	S106387142	JONDA ENTERPRISES	207 EL SEGUNDO	90245	CA SLIC
LOS ANGELES	S107538594		GRAND AVE (CROSS OF 51ST & 52N		CA CDL

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

Number of Days to Update: Provides confirmation that EDR is reporting records that have been updated within 90 days from the date the government agency made the information available to the public.

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL: National Priority List

National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC) and regional EPA offices.

Date of Government Version: 03/07/2016
Date Data Arrived at EDR: 04/05/2016
Date Made Active in Reports: 04/15/2016
Number of Days to Update: 10

Source: EPA
Telephone: N/A
Last EDR Contact: 04/05/2016
Next Scheduled EDR Contact: 04/18/2016
Data Release Frequency: Quarterly

NPL Site Boundaries

Sources:

EPA's Environmental Photographic Interpretation Center (EPIC)
Telephone: 202-564-7333

EPA Region 1
Telephone 617-918-1143

EPA Region 6
Telephone: 214-655-6659

EPA Region 3
Telephone 215-814-5418

EPA Region 7
Telephone: 913-551-7247

EPA Region 4
Telephone 404-562-8033

EPA Region 8
Telephone: 303-312-6774

EPA Region 5
Telephone 312-886-6686

EPA Region 9
Telephone: 415-947-4246

EPA Region 10
Telephone 206-553-8665

Proposed NPL: Proposed National Priority List Sites

A site that has been proposed for listing on the National Priorities List through the issuance of a proposed rule in the Federal Register. EPA then accepts public comments on the site, responds to the comments, and places on the NPL those sites that continue to meet the requirements for listing.

Date of Government Version: 03/07/2016
Date Data Arrived at EDR: 04/05/2016
Date Made Active in Reports: 04/15/2016
Number of Days to Update: 10

Source: EPA
Telephone: N/A
Last EDR Contact: 04/05/2016
Next Scheduled EDR Contact: 04/18/2016
Data Release Frequency: Quarterly

NPL LIENS: Federal Superfund Liens

Federal Superfund Liens. Under the authority granted the USEPA by CERCLA of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner received notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

Date of Government Version: 10/15/1991
Date Data Arrived at EDR: 02/02/1994
Date Made Active in Reports: 03/30/1994
Number of Days to Update: 56

Source: EPA
Telephone: 202-564-4267
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Federal Delisted NPL site list

Delisted NPL: National Priority List Deletions

The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate.

Date of Government Version: 03/07/2016
Date Data Arrived at EDR: 04/05/2016
Date Made Active in Reports: 04/15/2016
Number of Days to Update: 10

Source: EPA
Telephone: N/A
Last EDR Contact: 04/05/2016
Next Scheduled EDR Contact: 04/18/2016
Data Release Frequency: Quarterly

Federal CERCLIS list

FEDERAL FACILITY: Federal Facility Site Information listing

A listing of National Priority List (NPL) and Base Realignment and Closure (BRAC) sites found in the Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) Database where EPA Federal Facilities Restoration and Reuse Office is involved in cleanup activities.

Date of Government Version: 11/13/2015
Date Data Arrived at EDR: 01/06/2016
Date Made Active in Reports: 05/20/2016
Number of Days to Update: 135

Source: Environmental Protection Agency
Telephone: 703-603-8704
Last EDR Contact: 04/08/2016
Next Scheduled EDR Contact: 07/18/2016
Data Release Frequency: Varies

SEMS: Superfund Enterprise Management System

SEMS (Superfund Enterprise Management System) tracks hazardous waste sites, potentially hazardous waste sites, and remedial activities performed in support of EPA's Superfund Program across the United States. The list was formerly know as CERCLIS, renamed to SEMS by the EPA in 2015. The list contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). This dataset also contains sites which are either proposed to or on the National Priorities List (NPL) and the sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 03/07/2016
Date Data Arrived at EDR: 04/05/2016
Date Made Active in Reports: 04/15/2016
Number of Days to Update: 10

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 04/05/2016
Next Scheduled EDR Contact: 08/01/2016
Data Release Frequency: Quarterly

Federal CERCLIS NFRAP site list

SEMS-ARCHIVE: Superfund Enterprise Management System Archive

SEMS-ARCHIVE (Superfund Enterprise Management System Archive) tracks sites that have no further interest under the Federal Superfund Program based on available information. The list was formerly known as the CERCLIS-NFRAP, renamed to SEMS ARCHIVE by the EPA in 2015. EPA may perform a minimal level of assessment work at a site while it is archived if site conditions change and/or new information becomes available. Archived sites have been removed and archived from the inventory of SEMS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list the site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. The 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 potential NPL site.

Date of Government Version: 03/07/2016
Date Data Arrived at EDR: 04/05/2016
Date Made Active in Reports: 04/15/2016
Number of Days to Update: 10

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 04/05/2016
Next Scheduled EDR Contact: 08/01/2016
Data Release Frequency: Quarterly

Federal RCRA CORRACTS facilities list

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 12/09/2015
Date Data Arrived at EDR: 03/02/2016
Date Made Active in Reports: 04/05/2016
Number of Days to Update: 34

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 03/30/2016
Next Scheduled EDR Contact: 07/11/2016
Data Release Frequency: Quarterly

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF: RCRA - Treatment, Storage and Disposal

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

Date of Government Version: 12/09/2015
Date Data Arrived at EDR: 03/02/2016
Date Made Active in Reports: 04/05/2016
Number of Days to Update: 34

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 03/30/2016
Next Scheduled EDR Contact: 07/11/2016
Data Release Frequency: Quarterly

Federal RCRA generators list

RCRA-LQG: RCRA - Large Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month.

Date of Government Version: 12/09/2015
Date Data Arrived at EDR: 03/02/2016
Date Made Active in Reports: 04/05/2016
Number of Days to Update: 34

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 03/30/2016
Next Scheduled EDR Contact: 07/11/2016
Data Release Frequency: Quarterly

RCRA-SQG: RCRA - Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

Date of Government Version: 12/09/2015
Date Data Arrived at EDR: 03/02/2016
Date Made Active in Reports: 04/05/2016
Number of Days to Update: 34

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 03/30/2016
Next Scheduled EDR Contact: 07/11/2016
Data Release Frequency: Quarterly

RCRA-CESQG: RCRA - Conditionally Exempt Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Conditionally exempt small quantity generators (CESQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

Date of Government Version: 12/09/2015
Date Data Arrived at EDR: 03/02/2016
Date Made Active in Reports: 04/05/2016
Number of Days to Update: 34

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 03/30/2016
Next Scheduled EDR Contact: 07/11/2016
Data Release Frequency: Varies

Federal institutional controls / engineering controls registries

LUCIS: Land Use Control Information System

LUCIS contains records of land use control information pertaining to the former Navy Base Realignment and Closure properties.

Date of Government Version: 05/28/2015
Date Data Arrived at EDR: 05/29/2015
Date Made Active in Reports: 06/11/2015
Number of Days to Update: 13

Source: Department of the Navy
Telephone: 843-820-7326
Last EDR Contact: 05/16/2016
Next Scheduled EDR Contact: 08/29/2016
Data Release Frequency: Varies

US ENG CONTROLS: Engineering Controls Sites List

A listing of sites with engineering controls in place. Engineering controls include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health.

Date of Government Version: 09/10/2015
Date Data Arrived at EDR: 09/11/2015
Date Made Active in Reports: 11/03/2015
Number of Days to Update: 53

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 05/25/2016
Next Scheduled EDR Contact: 09/12/2016
Data Release Frequency: Varies

US INST CONTROL: Sites with Institutional Controls

A listing of sites with institutional controls in place. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.

Date of Government Version: 09/10/2015
Date Data Arrived at EDR: 09/11/2015
Date Made Active in Reports: 11/03/2015
Number of Days to Update: 53

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 05/25/2016
Next Scheduled EDR Contact: 09/12/2016
Data Release Frequency: Varies

Federal ERNS list

ERNS: Emergency Response Notification System

Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 03/28/2016
Date Data Arrived at EDR: 03/30/2016
Date Made Active in Reports: 05/20/2016
Number of Days to Update: 51

Source: National Response Center, United States Coast Guard
Telephone: 202-267-2180
Last EDR Contact: 03/30/2016
Next Scheduled EDR Contact: 07/11/2016
Data Release Frequency: Annually

State- and tribal - equivalent NPL

RESPONSE: State Response Sites

Identifies confirmed release sites where DTSC is involved in remediation, either in a lead or oversight capacity. These confirmed release sites are generally high-priority and high potential risk.

Date of Government Version: 05/02/2016
Date Data Arrived at EDR: 05/04/2016
Date Made Active in Reports: 06/21/2016
Number of Days to Update: 48

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 05/04/2016
Next Scheduled EDR Contact: 08/15/2016
Data Release Frequency: Quarterly

State- and tribal - equivalent CERCLIS

ENVIROSTOR: EnviroStor Database

The Department of Toxic Substances Control's (DTSC's) Site Mitigation and Brownfields Reuse Program's (SMBRP's) EnviroStor database identifes sites that have known contamination or sites for which there may be reasons to investigate further. The database includes the following site types: Federal Superfund sites (National Priorities List (NPL)); State Response, including Military Facilities and State Superfund; Voluntary Cleanup; and School sites. EnviroStor provides similar information to the information that was available in CalSites, and provides additional site information, including, but not limited to, identification of formerly-contaminated properties that have been released for reuse, properties where environmental deed restrictions have been recorded to prevent inappropriate land uses, and risk characterization information that is used to assess potential impacts to public health and the environment at contaminated sites.

Date of Government Version: 05/02/2016
Date Data Arrived at EDR: 05/04/2016
Date Made Active in Reports: 06/21/2016
Number of Days to Update: 48

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 05/04/2016
Next Scheduled EDR Contact: 08/15/2016
Data Release Frequency: Quarterly

State and tribal landfill and/or solid waste disposal site lists

SWF/LF (SWIS): Solid Waste Information System

Active, Closed and Inactive Landfills. SWF/LF records typically contain an inve ntory of solid waste disposal facilities or landfills. These may be active or i nactive facilities or open dumps that failed to meet RCRA Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 05/16/2016
Date Data Arrived at EDR: 05/18/2016
Date Made Active in Reports: 06/21/2016
Number of Days to Update: 34

Source: Department of Resources Recycling and Recovery
Telephone: 916-341-6320
Last EDR Contact: 05/18/2016
Next Scheduled EDR Contact: 08/29/2016
Data Release Frequency: Quarterly

State and tribal leaking storage tank lists

LUST REG 7: Leaking Underground Storage Tank Case Listing
Leaking Underground Storage Tank locations. Imperial, Riverside, San Diego, Santa Barbara counties.

Date of Government Version: 02/26/2004
Date Data Arrived at EDR: 02/26/2004
Date Made Active in Reports: 03/24/2004
Number of Days to Update: 27

Source: California Regional Water Quality Control Board Colorado River Basin Region (7)
Telephone: 760-776-8943
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

LUST REG 6V: Leaking Underground Storage Tank Case Listing
Leaking Underground Storage Tank locations. Inyo, Kern, Los Angeles, Mono, San Bernardino counties.

Date of Government Version: 06/07/2005
Date Data Arrived at EDR: 06/07/2005
Date Made Active in Reports: 06/29/2005
Number of Days to Update: 22

Source: California Regional Water Quality Control Board Victorville Branch Office (6)
Telephone: 760-241-7365
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: No Update Planned

LUST REG 6L: Leaking Underground Storage Tank Case Listing
For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 09/09/2003
Date Data Arrived at EDR: 09/10/2003
Date Made Active in Reports: 10/07/2003
Number of Days to Update: 27

Source: California Regional Water Quality Control Board Lahontan Region (6)
Telephone: 530-542-5572
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: No Update Planned

LUST REG 5: Leaking Underground Storage Tank Database
Leaking Underground Storage Tank locations. Alameda, Alpine, Amador, Butte, Colusa, Contra Costa, Calveras, El Dorado, Fresno, Glenn, Kern, Kings, Lake, Lassen, Madera, Mariposa, Merced, Modoc, Napa, Nevada, Placer, Plumas, Sacramento, San Joaquin, Shasta, Solano, Stanislaus, Sutter, Tehama, Tulare, Tuolumne, Yolo, Yuba counties.

Date of Government Version: 07/01/2008
Date Data Arrived at EDR: 07/22/2008
Date Made Active in Reports: 07/31/2008
Number of Days to Update: 9

Source: California Regional Water Quality Control Board Central Valley Region (5)
Telephone: 916-464-4834
Last EDR Contact: 07/01/2011
Next Scheduled EDR Contact: 10/17/2011
Data Release Frequency: No Update Planned

LUST REG 3: Leaking Underground Storage Tank Database
Leaking Underground Storage Tank locations. Monterey, San Benito, San Luis Obispo, Santa Barbara, Santa Cruz counties.

Date of Government Version: 05/19/2003
Date Data Arrived at EDR: 05/19/2003
Date Made Active in Reports: 06/02/2003
Number of Days to Update: 14

Source: California Regional Water Quality Control Board Central Coast Region (3)
Telephone: 805-542-4786
Last EDR Contact: 07/18/2011
Next Scheduled EDR Contact: 10/31/2011
Data Release Frequency: No Update Planned

LUST REG 2: Fuel Leak List
Leaking Underground Storage Tank locations. Alameda, Contra Costa, Marin, Napa, San Francisco, San Mateo, Santa Clara, Solano, Sonoma counties.

Date of Government Version: 09/30/2004
Date Data Arrived at EDR: 10/20/2004
Date Made Active in Reports: 11/19/2004
Number of Days to Update: 30

Source: California Regional Water Quality Control Board San Francisco Bay Region (2)
Telephone: 510-622-2433
Last EDR Contact: 09/19/2011
Next Scheduled EDR Contact: 01/02/2012
Data Release Frequency: Quarterly

LUST REG 1: Active Toxic Site Investigation
Del Norte, Humboldt, Lake, Mendocino, Modoc, Siskiyou, Sonoma, Trinity counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 02/01/2001
Date Data Arrived at EDR: 02/28/2001
Date Made Active in Reports: 03/29/2001
Number of Days to Update: 29

Source: California Regional Water Quality Control Board North Coast (1)
Telephone: 707-570-3769
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

LUST REG 4: Underground Storage Tank Leak List

Los Angeles, Ventura counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 09/07/2004
Date Data Arrived at EDR: 09/07/2004
Date Made Active in Reports: 10/12/2004
Number of Days to Update: 35

Source: California Regional Water Quality Control Board Los Angeles Region (4)
Telephone: 213-576-6710
Last EDR Contact: 09/06/2011
Next Scheduled EDR Contact: 12/19/2011
Data Release Frequency: No Update Planned

LUST: Geotracker's Leaking Underground Fuel Tank Report

Leaking Underground Storage Tank Incident Reports. LUST records contain an inventory of reported leaking underground storage tank incidents. Not all states maintain these records, and the information stored varies by state. For more information on a particular leaking underground storage tank sites, please contact the appropriate regulatory agency.

Date of Government Version: 03/14/2016
Date Data Arrived at EDR: 03/16/2016
Date Made Active in Reports: 05/16/2016
Number of Days to Update: 61

Source: State Water Resources Control Board
Telephone: see region list
Last EDR Contact: 06/14/2016
Next Scheduled EDR Contact: 09/26/2016
Data Release Frequency: Quarterly

LUST REG 9: Leaking Underground Storage Tank Report

Orange, Riverside, San Diego counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 03/01/2001
Date Data Arrived at EDR: 04/23/2001
Date Made Active in Reports: 05/21/2001
Number of Days to Update: 28

Source: California Regional Water Quality Control Board San Diego Region (9)
Telephone: 858-637-5595
Last EDR Contact: 09/26/2011
Next Scheduled EDR Contact: 01/09/2012
Data Release Frequency: No Update Planned

LUST REG 8: Leaking Underground Storage Tanks

California Regional Water Quality Control Board Santa Ana Region (8). For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 02/14/2005
Date Data Arrived at EDR: 02/15/2005
Date Made Active in Reports: 03/28/2005
Number of Days to Update: 41

Source: California Regional Water Quality Control Board Santa Ana Region (8)
Telephone: 909-782-4496
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: Varies

INDIAN LUST R5: Leaking Underground Storage Tanks on Indian Land

Leaking underground storage tanks located on Indian Land in Michigan, Minnesota and Wisconsin.

Date of Government Version: 02/17/2016
Date Data Arrived at EDR: 04/27/2016
Date Made Active in Reports: 06/03/2016
Number of Days to Update: 37

Source: EPA, Region 5
Telephone: 312-886-7439
Last EDR Contact: 04/27/2016
Next Scheduled EDR Contact: 08/08/2016
Data Release Frequency: Varies

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 10/09/2015
Date Data Arrived at EDR: 02/12/2016
Date Made Active in Reports: 06/03/2016
Number of Days to Update: 112
Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 04/29/2016
Next Scheduled EDR Contact: 08/08/2016
Data Release Frequency: Varies

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 12/11/2015
Date Data Arrived at EDR: 02/19/2016
Date Made Active in Reports: 06/03/2016
Number of Days to Update: 105
Source: EPA Region 6
Telephone: 214-665-6597
Last EDR Contact: 04/29/2016
Next Scheduled EDR Contact: 08/08/2016
Data Release Frequency: Varies

INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Florida, Mississippi and North Carolina.

Date of Government Version: 02/05/2016
Date Data Arrived at EDR: 04/29/2016
Date Made Active in Reports: 06/03/2016
Number of Days to Update: 35
Source: EPA Region 4
Telephone: 404-562-8677
Last EDR Contact: 04/26/2016
Next Scheduled EDR Contact: 08/08/2016
Data Release Frequency: Semi-Annually

INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land
A listing of leaking underground storage tank locations on Indian Land.

Date of Government Version: 10/27/2015
Date Data Arrived at EDR: 10/29/2015
Date Made Active in Reports: 01/04/2016
Number of Days to Update: 67
Source: EPA Region 1
Telephone: 617-918-1313
Last EDR Contact: 04/29/2016
Next Scheduled EDR Contact: 08/08/2016
Data Release Frequency: Varies

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 10/13/2015
Date Data Arrived at EDR: 10/23/2015
Date Made Active in Reports: 02/18/2016
Number of Days to Update: 118
Source: EPA Region 8
Telephone: 303-312-6271
Last EDR Contact: 04/27/2016
Next Scheduled EDR Contact: 08/08/2016
Data Release Frequency: Quarterly

INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 02/25/2016
Date Data Arrived at EDR: 04/27/2016
Date Made Active in Reports: 06/03/2016
Number of Days to Update: 37
Source: Environmental Protection Agency
Telephone: 415-972-3372
Last EDR Contact: 04/27/2016
Next Scheduled EDR Contact: 08/08/2016
Data Release Frequency: Quarterly

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 01/07/2016
Date Data Arrived at EDR: 01/08/2016
Date Made Active in Reports: 02/18/2016
Number of Days to Update: 41
Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 04/29/2016
Next Scheduled EDR Contact: 08/08/2016
Data Release Frequency: Quarterly

SLIC: Statewide SLIC Cases

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 03/14/2016
Date Data Arrived at EDR: 03/16/2016
Date Made Active in Reports: 05/16/2016
Number of Days to Update: 61

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 06/14/2016
Next Scheduled EDR Contact: 09/26/2016
Data Release Frequency: Varies

SLIC REG 1: Active Toxic Site Investigations

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/03/2003
Date Data Arrived at EDR: 04/07/2003
Date Made Active in Reports: 04/25/2003
Number of Days to Update: 18

Source: California Regional Water Quality Control Board, North Coast Region (1)
Telephone: 707-576-2220
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

SLIC REG 2: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 09/30/2004
Date Data Arrived at EDR: 10/20/2004
Date Made Active in Reports: 11/19/2004
Number of Days to Update: 30

Source: Regional Water Quality Control Board San Francisco Bay Region (2)
Telephone: 510-286-0457
Last EDR Contact: 09/19/2011
Next Scheduled EDR Contact: 01/02/2012
Data Release Frequency: Quarterly

SLIC REG 3: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 05/18/2006
Date Data Arrived at EDR: 05/18/2006
Date Made Active in Reports: 06/15/2006
Number of Days to Update: 28

Source: California Regional Water Quality Control Board Central Coast Region (3)
Telephone: 805-549-3147
Last EDR Contact: 07/18/2011
Next Scheduled EDR Contact: 10/31/2011
Data Release Frequency: Semi-Annually

SLIC REG 4: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 11/17/2004
Date Data Arrived at EDR: 11/18/2004
Date Made Active in Reports: 01/04/2005
Number of Days to Update: 47

Source: Region Water Quality Control Board Los Angeles Region (4)
Telephone: 213-576-6600
Last EDR Contact: 07/01/2011
Next Scheduled EDR Contact: 10/17/2011
Data Release Frequency: Varies

SLIC REG 5: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/01/2005
Date Data Arrived at EDR: 04/05/2005
Date Made Active in Reports: 04/21/2005
Number of Days to Update: 16

Source: Regional Water Quality Control Board Central Valley Region (5)
Telephone: 916-464-3291
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: Semi-Annually

SLIC REG 6V: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 05/24/2005
Date Data Arrived at EDR: 05/25/2005
Date Made Active in Reports: 06/16/2005
Number of Days to Update: 22

Source: Regional Water Quality Control Board, Victorville Branch
Telephone: 619-241-6583
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: Semi-Annually

SLIC REG 6L: SLIC Sites
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 09/07/2004
Date Data Arrived at EDR: 09/07/2004
Date Made Active in Reports: 10/12/2004
Number of Days to Update: 35

Source: California Regional Water Quality Control Board, Lahontan Region
Telephone: 530-542-5574
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

SLIC REG 7: SLIC List
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 11/24/2004
Date Data Arrived at EDR: 11/29/2004
Date Made Active in Reports: 01/04/2005
Number of Days to Update: 36

Source: California Regional Quality Control Board, Colorado River Basin Region
Telephone: 760-346-7491
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

SLIC REG 8: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/03/2008
Date Data Arrived at EDR: 04/03/2008
Date Made Active in Reports: 04/14/2008
Number of Days to Update: 11

Source: California Region Water Quality Control Board Santa Ana Region (8)
Telephone: 951-782-3298
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: Semi-Annually

SLIC REG 9: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 09/10/2007
Date Data Arrived at EDR: 09/11/2007
Date Made Active in Reports: 09/28/2007
Number of Days to Update: 17

Source: California Regional Water Quality Control Board San Diego Region (9)
Telephone: 858-467-2980
Last EDR Contact: 08/08/2011
Next Scheduled EDR Contact: 11/21/2011
Data Release Frequency: Annually

State and tribal registered storage tank lists

FEMA UST: Underground Storage Tank Listing
A listing of all FEMA owned underground storage tanks.

Date of Government Version: 01/01/2010
Date Data Arrived at EDR: 02/16/2010
Date Made Active in Reports: 04/12/2010
Number of Days to Update: 55

Source: FEMA
Telephone: 202-646-5797
Last EDR Contact: 04/11/2016
Next Scheduled EDR Contact: 07/25/2016
Data Release Frequency: Varies

UST: Active UST Facilities
Active UST facilities gathered from the local regulatory agencies

Date of Government Version: 03/14/2016
Date Data Arrived at EDR: 03/16/2016
Date Made Active in Reports: 05/04/2016
Number of Days to Update: 49
Source: SWRCB
Telephone: 916-341-5851
Last EDR Contact: 06/14/2016
Next Scheduled EDR Contact: 09/26/2016
Data Release Frequency: Semi-Annually

AST: Aboveground Petroleum Storage Tank Facilities
A listing of aboveground storage tank petroleum storage tank locations.

Date of Government Version: 08/01/2009
Date Data Arrived at EDR: 09/10/2009
Date Made Active in Reports: 10/01/2009
Number of Days to Update: 21
Source: California Environmental Protection Agency
Telephone: 916-327-5092
Last EDR Contact: 06/22/2016
Next Scheduled EDR Contact: 10/10/2016
Data Release Frequency: Quarterly

INDIAN UST R5: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 5 (Michigan, Minnesota and Wisconsin and Tribal Nations).

Date of Government Version: 11/05/2015
Date Data Arrived at EDR: 11/13/2015
Date Made Active in Reports: 01/04/2016
Number of Days to Update: 52
Source: EPA Region 5
Telephone: 312-886-6136
Last EDR Contact: 04/27/2016
Next Scheduled EDR Contact: 08/08/2016
Data Release Frequency: Varies

INDIAN UST R6: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 6 (Louisiana, Arkansas, Oklahoma, New Mexico, Texas and 65 Tribes).

Date of Government Version: 12/03/2015
Date Data Arrived at EDR: 02/04/2016
Date Made Active in Reports: 06/03/2016
Number of Days to Update: 120
Source: EPA Region 6
Telephone: 214-665-7591
Last EDR Contact: 04/29/2016
Next Scheduled EDR Contact: 08/08/2016
Data Release Frequency: Semi-Annually

INDIAN UST R7: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 7 (Iowa, Kansas, Missouri, Nebraska, and 9 Tribal Nations).

Date of Government Version: 09/23/2014
Date Data Arrived at EDR: 11/25/2014
Date Made Active in Reports: 01/29/2015
Number of Days to Update: 65
Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 04/29/2016
Next Scheduled EDR Contact: 08/08/2016
Data Release Frequency: Varies

INDIAN UST R8: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 8 (Colorado, Montana, North Dakota, South Dakota, Utah, Wyoming and 27 Tribal Nations).

Date of Government Version: 01/26/2016
Date Data Arrived at EDR: 02/05/2016
Date Made Active in Reports: 06/03/2016
Number of Days to Update: 119
Source: EPA Region 8
Telephone: 303-312-6137
Last EDR Contact: 04/29/2016
Next Scheduled EDR Contact: 08/08/2016
Data Release Frequency: Quarterly

INDIAN UST R1: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 1 (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont and ten Tribal Nations).

Date of Government Version: 10/20/2015
Date Data Arrived at EDR: 10/29/2015
Date Made Active in Reports: 01/04/2016
Number of Days to Update: 67

Source: EPA, Region 1
Telephone: 617-918-1313
Last EDR Contact: 04/29/2016
Next Scheduled EDR Contact: 08/08/2016
Data Release Frequency: Varies

INDIAN UST R4: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 4 (Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee and Tribal Nations)

Date of Government Version: 02/05/2016
Date Data Arrived at EDR: 04/29/2016
Date Made Active in Reports: 06/03/2016
Number of Days to Update: 35

Source: EPA Region 4
Telephone: 404-562-9424
Last EDR Contact: 04/26/2016
Next Scheduled EDR Contact: 08/08/2016
Data Release Frequency: Semi-Annually

INDIAN UST R9: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 9 (Arizona, California, Hawaii, Nevada, the Pacific Islands, and Tribal Nations).

Date of Government Version: 02/25/2016
Date Data Arrived at EDR: 04/27/2016
Date Made Active in Reports: 06/03/2016
Number of Days to Update: 37

Source: EPA Region 9
Telephone: 415-972-3368
Last EDR Contact: 04/27/2016
Next Scheduled EDR Contact: 08/08/2016
Data Release Frequency: Quarterly

INDIAN UST R10: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 10 (Alaska, Idaho, Oregon, Washington, and Tribal Nations).

Date of Government Version: 01/07/2016
Date Data Arrived at EDR: 01/08/2016
Date Made Active in Reports: 02/18/2016
Number of Days to Update: 41

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 04/29/2016
Next Scheduled EDR Contact: 08/08/2016
Data Release Frequency: Quarterly

State and tribal voluntary cleanup sites

INDIAN VCP R7: Voluntary Cleanup Priority Lisitng

A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

Date of Government Version: 03/20/2008
Date Data Arrived at EDR: 04/22/2008
Date Made Active in Reports: 05/19/2008
Number of Days to Update: 27

Source: EPA, Region 7
Telephone: 913-551-7365
Last EDR Contact: 04/20/2009
Next Scheduled EDR Contact: 07/20/2009
Data Release Frequency: Varies

INDIAN VCP R1: Voluntary Cleanup Priority Listing

A listing of voluntary cleanup priority sites located on Indian Land located in Region 1.

Date of Government Version: 07/27/2015
Date Data Arrived at EDR: 09/29/2015
Date Made Active in Reports: 02/18/2016
Number of Days to Update: 142

Source: EPA, Region 1
Telephone: 617-918-1102
Last EDR Contact: 04/01/2016
Next Scheduled EDR Contact: 07/11/2016
Data Release Frequency: Varies

VCP: Voluntary Cleanup Program Properties

Contains low threat level properties with either confirmed or unconfirmed releases and the project proponents have request that DTSC oversee investigation and/or cleanup activities and have agreed to provide coverage for DTSC's costs.

Date of Government Version: 05/02/2016
Date Data Arrived at EDR: 05/04/2016
Date Made Active in Reports: 06/21/2016
Number of Days to Update: 48

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 05/04/2016
Next Scheduled EDR Contact: 08/15/2016
Data Release Frequency: Quarterly

State and tribal Brownfields sites

BROWNFIELDS: Considered Brownfieds Sites Listing
A listing of sites the SWRCB considers to be Brownfields since these are sites have come to them through the MOA Process.

Date of Government Version: 02/29/2016
Date Data Arrived at EDR: 03/07/2016
Date Made Active in Reports: 05/04/2016
Number of Days to Update: 58

Source: State Water Resources Control Board
Telephone: 916-323-7905
Last EDR Contact: 06/15/2016
Next Scheduled EDR Contact: 09/19/2016
Data Release Frequency: Varies

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS: A Listing of Brownfields Sites
Brownfields are real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Cleaning up and reinvesting in these properties takes development pressures off of undeveloped, open land, and both improves and protects the environment. Assessment, Cleanup and Redevelopment Exchange System (ACRES) stores information reported by EPA Brownfields grant recipients on brownfields properties assessed or cleaned up with grant funding as well as information on Targeted Brownfields Assessments performed by EPA Regions. A listing of ACRES Brownfield sites is obtained from Cleanups in My Community. Cleanups in My Community provides information on Brownfields properties for which information is reported back to EPA, as well as areas served by Brownfields grant programs.

Date of Government Version: 12/22/2015
Date Data Arrived at EDR: 12/23/2015
Date Made Active in Reports: 02/18/2016
Number of Days to Update: 57

Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 06/22/2016
Next Scheduled EDR Contact: 10/03/2016
Data Release Frequency: Semi-Annually

Local Lists of Landfill / Solid Waste Disposal Sites

WMUDS/SWAT: Waste Management Unit Database
Waste Management Unit Database System. WMUDS is used by the State Water Resources Control Board staff and the Regional Water Quality Control Boards for program tracking and inventory of waste management units. WMUDS is composed of the following databases: Facility Information, Scheduled Inspections Information, Waste Management Unit Information, SWAT Program Information, SWAT Report Summary Information, SWAT Report Summary Data, Chapter 15 (formerly Subchapter 15) Information, Chapter 15 Monitoring Parameters, TPCA Program Information, RCRA Program Information, Closure Information, and Interested Parties Information.

Date of Government Version: 04/01/2000
Date Data Arrived at EDR: 04/10/2000
Date Made Active in Reports: 05/10/2000
Number of Days to Update: 30

Source: State Water Resources Control Board
Telephone: 916-227-4448
Last EDR Contact: 05/06/2016
Next Scheduled EDR Contact: 08/22/2016
Data Release Frequency: No Update Planned

SWRCY: Recycler Database
A listing of recycling facilities in California.

Date of Government Version: 03/15/2016
Date Data Arrived at EDR: 03/16/2016
Date Made Active in Reports: 05/09/2016
Number of Days to Update: 54

Source: Department of Conservation
Telephone: 916-323-3836
Last EDR Contact: 06/14/2016
Next Scheduled EDR Contact: 09/26/2016
Data Release Frequency: Quarterly

HAULERS: Registered Waste Tire Haulers Listing
A listing of registered waste tire haulers.

Date of Government Version: 04/07/2016
Date Data Arrived at EDR: 04/12/2016
Date Made Active in Reports: 06/01/2016
Number of Days to Update: 50
Source: Integrated Waste Management Board
Telephone: 916-341-6422
Last EDR Contact: 05/13/2016
Next Scheduled EDR Contact: 08/22/2016
Data Release Frequency: Varies

INDIAN ODI: Report on the Status of Open Dumps on Indian Lands
Location of open dumps on Indian land.

Date of Government Version: 12/31/1998
Date Data Arrived at EDR: 12/03/2007
Date Made Active in Reports: 01/24/2008
Number of Days to Update: 52
Source: Environmental Protection Agency
Telephone: 703-308-8245
Last EDR Contact: 04/27/2016
Next Scheduled EDR Contact: 08/15/2016
Data Release Frequency: Varies

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations
A listing of illegal dump sites location on the Torres Martinez Indian Reservation located in eastern Riverside County and northern Imperial County, California.

Date of Government Version: 01/12/2009
Date Data Arrived at EDR: 05/07/2009
Date Made Active in Reports: 09/21/2009
Number of Days to Update: 137
Source: EPA, Region 9
Telephone: 415-947-4219
Last EDR Contact: 04/21/2016
Next Scheduled EDR Contact: 08/08/2016
Data Release Frequency: No Update Planned

ODI: Open Dump Inventory
An open dump is defined as a disposal facility that does not comply with one or more of the Part 257 or Part 258 Subtitle D Criteria.

Date of Government Version: 06/30/1985
Date Data Arrived at EDR: 08/09/2004
Date Made Active in Reports: 09/17/2004
Number of Days to Update: 39
Source: Environmental Protection Agency
Telephone: 800-424-9346
Last EDR Contact: 06/09/2004
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL: National Clandestine Laboratory Register
A listing of clandestine drug lab locations that have been removed from the DEAs National Clandestine Laboratory Register.

Date of Government Version: 02/18/2016
Date Data Arrived at EDR: 03/07/2016
Date Made Active in Reports: 06/03/2016
Number of Days to Update: 88
Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 03/01/2016
Next Scheduled EDR Contact: 06/13/2016
Data Release Frequency: No Update Planned

HIST CAL-SITES: Calsites Database
The Calsites database contains potential or confirmed hazardous substance release properties. In 1996, California EPA reevaluated and significantly reduced the number of sites in the Calsites database. No longer updated by the state agency. It has been replaced by ENVIROSTOR.

Date of Government Version: 08/08/2005
Date Data Arrived at EDR: 08/03/2006
Date Made Active in Reports: 08/24/2006
Number of Days to Update: 21
Source: Department of Toxic Substance Control
Telephone: 916-323-3400
Last EDR Contact: 02/23/2009
Next Scheduled EDR Contact: 05/25/2009
Data Release Frequency: No Update Planned

SCH: School Property Evaluation Program

This category contains proposed and existing school sites that are being evaluated by DTSC for possible hazardous materials contamination. In some cases, these properties may be listed in the CalSites category depending on the level of threat to public health and safety or the environment they pose.

Date of Government Version: 05/02/2016
Date Data Arrived at EDR: 05/04/2016
Date Made Active in Reports: 06/21/2016
Number of Days to Update: 48

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 05/04/2016
Next Scheduled EDR Contact: 08/15/2016
Data Release Frequency: Quarterly

CDL: Clandestine Drug Labs

A listing of drug lab locations. Listing of a location in this database does not indicate that any illegal drug lab materials were or were not present there, and does not constitute a determination that the location either requires or does not require additional cleanup work.

Date of Government Version: 12/31/2015
Date Data Arrived at EDR: 05/10/2016
Date Made Active in Reports: 06/17/2016
Number of Days to Update: 38

Source: Department of Toxic Substances Control
Telephone: 916-255-6504
Last EDR Contact: 04/21/2016
Next Scheduled EDR Contact: 07/25/2016
Data Release Frequency: Varies

TOXIC PITS: Toxic Pits Cleanup Act Sites

Toxic PITS Cleanup Act Sites. TOXIC PITS identifies sites suspected of containing hazardous substances where cleanup has not yet been completed.

Date of Government Version: 07/01/1995
Date Data Arrived at EDR: 08/30/1995
Date Made Active in Reports: 09/26/1995
Number of Days to Update: 27

Source: State Water Resources Control Board
Telephone: 916-227-4364
Last EDR Contact: 01/26/2009
Next Scheduled EDR Contact: 04/27/2009
Data Release Frequency: No Update Planned

US CDL: Clandestine Drug Labs

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 02/18/2016
Date Data Arrived at EDR: 03/07/2016
Date Made Active in Reports: 06/03/2016
Number of Days to Update: 88

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 05/31/2016
Next Scheduled EDR Contact: 09/12/2016
Data Release Frequency: Quarterly

Local Lists of Registered Storage Tanks

SWEEPS UST: SWEEPS UST Listing

Statewide Environmental Evaluation and Planning System. This underground storage tank listing was updated and maintained by a company contacted by the SWRCB in the early 1990's. The listing is no longer updated or maintained. The local agency is the contact for more information on a site on the SWEEPS list.

Date of Government Version: 06/01/1994
Date Data Arrived at EDR: 07/07/2005
Date Made Active in Reports: 08/11/2005
Number of Days to Update: 35

Source: State Water Resources Control Board
Telephone: N/A
Last EDR Contact: 06/03/2005
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

UST MENDOCINO: Mendocino County UST Database
A listing of underground storage tank locations in Mendocino County.

Date of Government Version: 11/25/2015
Date Data Arrived at EDR: 12/01/2015
Date Made Active in Reports: 12/17/2015
Number of Days to Update: 16
Source: Department of Public Health
Telephone: 707-463-4466
Last EDR Contact: 06/01/2016
Next Scheduled EDR Contact: 09/12/2016
Data Release Frequency: Annually

HIST UST: Hazardous Substance Storage Container Database
The Hazardous Substance Storage Container Database is a historical listing of UST sites. Refer to local/county source for current data.

Date of Government Version: 10/15/1990
Date Data Arrived at EDR: 01/25/1991
Date Made Active in Reports: 02/12/1991
Number of Days to Update: 18
Source: State Water Resources Control Board
Telephone: 916-341-5851
Last EDR Contact: 07/26/2001
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

CA FID UST: Facility Inventory Database
The Facility Inventory Database (FID) contains a historical listing of active and inactive underground storage tank locations from the State Water Resource Control Board. Refer to local/county source for current data.

Date of Government Version: 10/31/1994
Date Data Arrived at EDR: 09/05/1995
Date Made Active in Reports: 09/29/1995
Number of Days to Update: 24
Source: California Environmental Protection Agency
Telephone: 916-341-5851
Last EDR Contact: 12/28/1998
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

Local Land Records

LIENS: Environmental Liens Listing
A listing of property locations with environmental liens for California where DTSC is a lien holder.

Date of Government Version: 03/08/2016
Date Data Arrived at EDR: 03/11/2016
Date Made Active in Reports: 05/04/2016
Number of Days to Update: 54
Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 06/02/2016
Next Scheduled EDR Contact: 09/19/2016
Data Release Frequency: Varies

LIENS 2: CERCLA Lien Information
A Federal CERCLA ('Superfund') lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. These monies are spent to investigate and address releases and threatened releases of contamination. CERCLIS provides information as to the identity of these sites and properties.

Date of Government Version: 02/18/2014
Date Data Arrived at EDR: 03/18/2014
Date Made Active in Reports: 04/24/2014
Number of Days to Update: 37
Source: Environmental Protection Agency
Telephone: 202-564-6023
Last EDR Contact: 04/26/2016
Next Scheduled EDR Contact: 08/08/2016
Data Release Frequency: Varies

DEED: Deed Restriction Listing

Site Mitigation and Brownfields Reuse Program Facility Sites with Deed Restrictions & Hazardous Waste Management Program Facility Sites with Deed / Land Use Restriction. The DTSC Site Mitigation and Brownfields Reuse Program (SMBRP) list includes sites cleaned up under the program's oversight and generally does not include current or former hazardous waste facilities that required a hazardous waste facility permit. The list represents deed restrictions that are active. Some sites have multiple deed restrictions. The DTSC Hazardous Waste Management Program (HWMP) has developed a list of current or former hazardous waste facilities that have a recorded land use restriction at the local county recorder's office. The land use restrictions on this list were required by the DTSC HWMP as a result of the presence of hazardous substances that remain on site after the facility (or part of the facility) has been closed or cleaned up. The types of land use restriction include deed notice, deed restriction, or a land use restriction that binds current and future owners.

Date of Government Version: 03/07/2016
Date Data Arrived at EDR: 03/08/2016
Date Made Active in Reports: 05/04/2016
Number of Days to Update: 57

Source: DTSC and SWRCB
Telephone: 916-323-3400
Last EDR Contact: 06/07/2016
Next Scheduled EDR Contact: 09/19/2016
Data Release Frequency: Semi-Annually

Records of Emergency Release Reports

HMIRS: Hazardous Materials Information Reporting System

Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 06/24/2015
Date Data Arrived at EDR: 06/26/2015
Date Made Active in Reports: 09/02/2015
Number of Days to Update: 68

Source: U.S. Department of Transportation
Telephone: 202-366-4555
Last EDR Contact: 03/30/2016
Next Scheduled EDR Contact: 07/11/2016
Data Release Frequency: Annually

CHMIRS: California Hazardous Material Incident Report System

California Hazardous Material Incident Reporting System. CHMIRS contains information on reported hazardous material incidents (accidental releases or spills).

Date of Government Version: 04/11/2016
Date Data Arrived at EDR: 04/27/2016
Date Made Active in Reports: 06/17/2016
Number of Days to Update: 51

Source: Office of Emergency Services
Telephone: 916-845-8400
Last EDR Contact: 04/27/2016
Next Scheduled EDR Contact: 08/08/2016
Data Release Frequency: Varies

LDS: Land Disposal Sites Listing

The Land Disposal program regulates of waste discharge to land for treatment, storage and disposal in waste management units.

Date of Government Version: 03/14/2016
Date Data Arrived at EDR: 03/16/2016
Date Made Active in Reports: 05/16/2016
Number of Days to Update: 61

Source: State Water Qualilty Control Board
Telephone: 866-480-1028
Last EDR Contact: 06/14/2016
Next Scheduled EDR Contact: 09/26/2016
Data Release Frequency: Quarterly

MCS: Military Cleanup Sites Listing

The State Water Resources Control Board and nine Regional Water Quality Control Boards partner with the Department of Defense (DoD) through the Defense and State Memorandum of Agreement (DSMOA) to oversee the investigation and remediation of water quality issues at military facilities.

Date of Government Version: 03/14/2016
Date Data Arrived at EDR: 03/16/2016
Date Made Active in Reports: 05/16/2016
Number of Days to Update: 61

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 06/14/2016
Next Scheduled EDR Contact: 09/26/2016
Data Release Frequency: Quarterly

SPILLS 90: SPILLS90 data from FirstSearch

Spills 90 includes those spill and release records available exclusively from FirstSearch databases. Typically, they may include chemical, oil and/or hazardous substance spills recorded after 1990. Duplicate records that are already included in EDR incident and release records are not included in Spills 90.

Date of Government Version: 06/06/2012
Date Data Arrived at EDR: 01/03/2013
Date Made Active in Reports: 02/22/2013
Number of Days to Update: 50

Source: FirstSearch
Telephone: N/A
Last EDR Contact: 01/03/2013
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

Other Ascertainable Records

RCRA NonGen / NLR: RCRA - Non Generators / No Longer Regulated

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

Date of Government Version: 12/09/2015
Date Data Arrived at EDR: 03/02/2016
Date Made Active in Reports: 04/05/2016
Number of Days to Update: 34

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 03/30/2016
Next Scheduled EDR Contact: 07/11/2016
Data Release Frequency: Varies

FUDS: Formerly Used Defense Sites

The listing includes locations of Formerly Used Defense Sites properties where the US Army Corps of Engineers is actively working or will take necessary cleanup actions.

Date of Government Version: 01/31/2015
Date Data Arrived at EDR: 07/08/2015
Date Made Active in Reports: 10/13/2015
Number of Days to Update: 97

Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285
Last EDR Contact: 06/10/2016
Next Scheduled EDR Contact: 09/19/2016
Data Release Frequency: Varies

DOD: Department of Defense Sites

This data set consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 11/10/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 62

Source: USGS
Telephone: 888-275-8747
Last EDR Contact: 04/15/2016
Next Scheduled EDR Contact: 07/25/2016
Data Release Frequency: Semi-Annually

FEDLAND: Federal and Indian Lands

Federally and Indian administrated lands of the United States. Lands included are administrated by: Army Corps of Engineers, Bureau of Reclamation, National Wild and Scenic River, National Wildlife Refuge, Public Domain Land, Wilderness, Wilderness Study Area, Wildlife Management Area, Bureau of Indian Affairs, Bureau of Land Management, Department of Justice, Forest Service, Fish and Wildlife Service, National Park Service.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 02/06/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 339

Source: U.S. Geological Survey
Telephone: 888-275-8747
Last EDR Contact: 04/15/2016
Next Scheduled EDR Contact: 07/25/2016
Data Release Frequency: N/A

SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

The State Coalition for Remediation of Drycleaners was established in 1998, with support from the U.S. EPA Office of Superfund Remediation and Technology Innovation. It is comprised of representatives of states with established drycleaner remediation programs. Currently the member states are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin.

Date of Government Version: 03/07/2011
Date Data Arrived at EDR: 03/09/2011
Date Made Active in Reports: 05/02/2011
Number of Days to Update: 54
Source: Environmental Protection Agency
Telephone: 615-532-8599
Last EDR Contact: 05/20/2016
Next Scheduled EDR Contact: 08/29/2016
Data Release Frequency: Varies

US FIN ASSUR: Financial Assurance Information

All owners and operators of facilities that treat, store, or dispose of hazardous waste are required to provide proof that they will have sufficient funds to pay for the clean up, closure, and post-closure care of their facilities.

Date of Government Version: 09/01/2015
Date Data Arrived at EDR: 09/03/2015
Date Made Active in Reports: 11/03/2015
Number of Days to Update: 61
Source: Environmental Protection Agency
Telephone: 202-566-1917
Last EDR Contact: 05/18/2016
Next Scheduled EDR Contact: 08/29/2016
Data Release Frequency: Quarterly

EPA WATCH LIST: EPA WATCH LIST

EPA maintains a "Watch List" to facilitate dialogue between EPA, state and local environmental agencies on enforcement matters relating to facilities with alleged violations identified as either significant or high priority. Being on the Watch List does not mean that the facility has actually violated the law only that an investigation by EPA or a state or local environmental agency has led those organizations to allege that an unproven violation has in fact occurred. Being on the Watch List does not represent a higher level of concern regarding the alleged violations that were detected, but instead indicates cases requiring additional dialogue between EPA, state and local agencies - primarily because of the length of time the alleged violation has gone unaddressed or unresolved.

Date of Government Version: 08/30/2013
Date Data Arrived at EDR: 03/21/2014
Date Made Active in Reports: 06/17/2014
Number of Days to Update: 88
Source: Environmental Protection Agency
Telephone: 617-520-3000
Last EDR Contact: 05/09/2016
Next Scheduled EDR Contact: 08/22/2016
Data Release Frequency: Quarterly

2020 COR ACTION: 2020 Corrective Action Program List

The EPA has set ambitious goals for the RCRA Corrective Action program by creating the 2020 Corrective Action Universe. This RCRA cleanup baseline includes facilities expected to need corrective action. The 2020 universe contains a wide variety of sites. Some properties are heavily contaminated while others were contaminated but have since been cleaned up. Still others have not been fully investigated yet, and may require little or no remediation. Inclusion in the 2020 Universe does not necessarily imply failure on the part of a facility to meet its RCRA obligations.

Date of Government Version: 04/22/2013
Date Data Arrived at EDR: 03/03/2015
Date Made Active in Reports: 03/09/2015
Number of Days to Update: 6
Source: Environmental Protection Agency
Telephone: 703-308-4044
Last EDR Contact: 05/12/2016
Next Scheduled EDR Contact: 08/22/2016
Data Release Frequency: Varies

TSCA: Toxic Substances Control Act

Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/2012
Date Data Arrived at EDR: 01/15/2015
Date Made Active in Reports: 01/29/2015
Number of Days to Update: 14
Source: EPA
Telephone: 202-260-5521
Last EDR Contact: 03/24/2016
Next Scheduled EDR Contact: 07/04/2016
Data Release Frequency: Every 4 Years

TRIS: Toxic Chemical Release Inventory System

Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

Date of Government Version: 12/31/2014
Date Data Arrived at EDR: 11/24/2015
Date Made Active in Reports: 04/05/2016
Number of Days to Update: 133

Source: EPA
Telephone: 202-566-0250
Last EDR Contact: 05/24/2016
Next Scheduled EDR Contact: 09/05/2016
Data Release Frequency: Annually

SSTS: Section 7 Tracking Systems

Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

Date of Government Version: 12/31/2009
Date Data Arrived at EDR: 12/10/2010
Date Made Active in Reports: 02/25/2011
Number of Days to Update: 77

Source: EPA
Telephone: 202-564-4203
Last EDR Contact: 04/25/2016
Next Scheduled EDR Contact: 08/08/2016
Data Release Frequency: Annually

ROD: Records Of Decision

Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup.

Date of Government Version: 11/25/2013
Date Data Arrived at EDR: 12/12/2013
Date Made Active in Reports: 02/24/2014
Number of Days to Update: 74

Source: EPA
Telephone: 703-416-0223
Last EDR Contact: 06/07/2016
Next Scheduled EDR Contact: 09/19/2016
Data Release Frequency: Annually

RMP: Risk Management Plans

When Congress passed the Clean Air Act Amendments of 1990, it required EPA to publish regulations and guidance for chemical accident prevention at facilities using extremely hazardous substances. The Risk Management Program Rule (RMP Rule) was written to implement Section 112(r) of these amendments. The rule, which built upon existing industry codes and standards, requires companies of all sizes that use certain flammable and toxic substances to develop a Risk Management Program, which includes a(n): Hazard assessment that details the potential effects of an accidental release, an accident history of the last five years, and an evaluation of worst-case and alternative accidental releases; Prevention program that includes safety precautions and maintenance, monitoring, and employee training measures; and Emergency response program that spells out emergency health care, employee training measures and procedures for informing the public and response agencies (e.g the fire department) should an accident occur.

Date of Government Version: 08/01/2015
Date Data Arrived at EDR: 08/26/2015
Date Made Active in Reports: 11/03/2015
Number of Days to Update: 69

Source: Environmental Protection Agency
Telephone: 202-564-8600
Last EDR Contact: 04/25/2016
Next Scheduled EDR Contact: 08/08/2016
Data Release Frequency: Varies

RAATS: RCRA Administrative Action Tracking System

RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/1995
Date Data Arrived at EDR: 07/03/1995
Date Made Active in Reports: 08/07/1995
Number of Days to Update: 35

Source: EPA
Telephone: 202-564-4104
Last EDR Contact: 06/02/2008
Next Scheduled EDR Contact: 09/01/2008
Data Release Frequency: No Update Planned

PRP: Potentially Responsible Parties
A listing of verified Potentially Responsible Parties

Date of Government Version: 10/25/2013
Date Data Arrived at EDR: 10/17/2014
Date Made Active in Reports: 10/20/2014
Number of Days to Update: 3
Source: EPA
Telephone: 202-564-6023
Last EDR Contact: 05/12/2016
Next Scheduled EDR Contact: 08/22/2016
Data Release Frequency: Quarterly

PADS: PCB Activity Database System
PCB Activity Database. PADS Identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 07/01/2014
Date Data Arrived at EDR: 10/15/2014
Date Made Active in Reports: 11/17/2014
Number of Days to Update: 33
Source: EPA
Telephone: 202-566-0500
Last EDR Contact: 04/12/2016
Next Scheduled EDR Contact: 07/25/2016
Data Release Frequency: Annually

ICIS: Integrated Compliance Information System
The Integrated Compliance Information System (ICIS) supports the information needs of the national enforcement and compliance program as well as the unique needs of the National Pollutant Discharge Elimination System (NPDES) program.

Date of Government Version: 01/23/2015
Date Data Arrived at EDR: 02/06/2015
Date Made Active in Reports: 03/09/2015
Number of Days to Update: 31
Source: Environmental Protection Agency
Telephone: 202-564-5088
Last EDR Contact: 04/08/2016
Next Scheduled EDR Contact: 07/25/2016
Data Release Frequency: Quarterly

FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25
Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Telephone: 202-566-1667
Last EDR Contact: 05/20/2016
Next Scheduled EDR Contact: 09/05/2016
Data Release Frequency: Quarterly

FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25
Source: EPA
Telephone: 202-566-1667
Last EDR Contact: 05/20/2016
Next Scheduled EDR Contact: 09/05/2016
Data Release Frequency: Quarterly

MLTS: Material Licensing Tracking System
MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 03/07/2016
Date Data Arrived at EDR: 03/18/2016
Date Made Active in Reports: 04/15/2016
Number of Days to Update: 28
Source: Nuclear Regulatory Commission
Telephone: 301-415-7169
Last EDR Contact: 05/06/2016
Next Scheduled EDR Contact: 08/22/2016
Data Release Frequency: Quarterly

COAL ASH DOE: Steam-Electric Plant Operation Data
A listing of power plants that store ash in surface ponds.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 08/07/2009
Date Made Active in Reports: 10/22/2009
Number of Days to Update: 76
Source: Department of Energy
Telephone: 202-586-8719
Last EDR Contact: 06/09/2016
Next Scheduled EDR Contact: 09/19/2016
Data Release Frequency: Varies

COAL ASH EPA: Coal Combustion Residues Surface Impoundments List
A listing of coal combustion residues surface impoundments with high hazard potential ratings.

Date of Government Version: 07/01/2014
Date Data Arrived at EDR: 09/10/2014
Date Made Active in Reports: 10/20/2014
Number of Days to Update: 40
Source: Environmental Protection Agency
Telephone: N/A
Last EDR Contact: 06/10/2016
Next Scheduled EDR Contact: 09/19/2016
Data Release Frequency: Varies

PCB TRANSFORMER: PCB Transformer Registration Database
The database of PCB transformer registrations that includes all PCB registration submittals.

Date of Government Version: 02/01/2011
Date Data Arrived at EDR: 10/19/2011
Date Made Active in Reports: 01/10/2012
Number of Days to Update: 83
Source: Environmental Protection Agency
Telephone: 202-566-0517
Last EDR Contact: 04/26/2016
Next Scheduled EDR Contact: 08/08/2016
Data Release Frequency: Varies

RADINFO: Radiation Information Database
The Radiation Information Database (RADINFO) contains information about facilities that are regulated by U.S. Environmental Protection Agency (EPA) regulations for radiation and radioactivity.

Date of Government Version: 07/07/2015
Date Data Arrived at EDR: 07/09/2015
Date Made Active in Reports: 09/16/2015
Number of Days to Update: 69
Source: Environmental Protection Agency
Telephone: 202-343-9775
Last EDR Contact: 04/08/2016
Next Scheduled EDR Contact: 07/18/2016
Data Release Frequency: Quarterly

HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing
A complete administrative case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40
Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2007
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

HIST FTTS INSP: FIFRA/TSCA Tracking System Inspection & Enforcement Case Listing
A complete inspection and enforcement case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2008
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

DOT OPS: Incident and Accident Data

Department of Transporation, Office of Pipeline Safety Incident and Accident data.

Date of Government Version: 07/31/2012
Date Data Arrived at EDR: 08/07/2012
Date Made Active in Reports: 09/18/2012
Number of Days to Update: 42

Source: Department of Transporation, Office of Pipeline Safety
Telephone: 202-366-4595
Last EDR Contact: 05/04/2016
Next Scheduled EDR Contact: 08/15/2016
Data Release Frequency: Varies

CONSENT: Superfund (CERCLA) Consent Decrees

Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

Date of Government Version: 12/31/2014
Date Data Arrived at EDR: 04/17/2015
Date Made Active in Reports: 06/02/2015
Number of Days to Update: 46

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 03/24/2016
Next Scheduled EDR Contact: 07/11/2016
Data Release Frequency: Varies

BRS: Biennial Reporting System

The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

Date of Government Version: 12/31/2013
Date Data Arrived at EDR: 02/24/2015
Date Made Active in Reports: 09/30/2015
Number of Days to Update: 218

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 05/27/2016
Next Scheduled EDR Contact: 09/05/2016
Data Release Frequency: Biennially

INDIAN RESERV: Indian Reservations

This map layer portrays Indian administered lands of the United States that have any area equal to or greater than 640 acres.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 12/08/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 34

Source: USGS
Telephone: 202-208-3710
Last EDR Contact: 04/15/2016
Next Scheduled EDR Contact: 07/25/2016
Data Release Frequency: Semi-Annually

FUSRAP: Formerly Utilized Sites Remedial Action Program

DOE established the Formerly Utilized Sites Remedial Action Program (FUSRAP) in 1974 to remediate sites where radioactive contamination remained from Manhattan Project and early U.S. Atomic Energy Commission (AEC) operations.

Date of Government Version: 03/11/2016
Date Data Arrived at EDR: 03/15/2016
Date Made Active in Reports: 06/03/2016
Number of Days to Update: 80

Source: Department of Energy
Telephone: 202-586-3559
Last EDR Contact: 05/09/2016
Next Scheduled EDR Contact: 08/22/2016
Data Release Frequency: Varies

UMTRA: Uranium Mill Tailings Sites

Uranium ore was mined by private companies for federal government use in national defense programs. When the mills shut down, large piles of the sand-like material (mill tailings) remain after uranium has been extracted from the ore. Levels of human exposure to radioactive materials from the piles are low; however, in some cases tailings were used as construction materials before the potential health hazards of the tailings were recognized.

Date of Government Version: 09/14/2010
Date Data Arrived at EDR: 10/07/2011
Date Made Active in Reports: 03/01/2012
Number of Days to Update: 146

Source: Department of Energy
Telephone: 505-845-0011
Last EDR Contact: 05/23/2016
Next Scheduled EDR Contact: 09/05/2016
Data Release Frequency: Varies

LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 11/25/2014
Date Data Arrived at EDR: 11/26/2014
Date Made Active in Reports: 01/29/2015
Number of Days to Update: 64

Source: Environmental Protection Agency
Telephone: 703-603-8787
Last EDR Contact: 04/07/2016
Next Scheduled EDR Contact: 07/18/2016
Data Release Frequency: Varies

LEAD SMELTER 2: Lead Smelter Sites

A list of several hundred sites in the U.S. where secondary lead smelting was done from 1931and 1964. These sites may pose a threat to public health through ingestion or inhalation of contaminated soil or dust

Date of Government Version: 04/05/2001
Date Data Arrived at EDR: 10/27/2010
Date Made Active in Reports: 12/02/2010
Number of Days to Update: 36

Source: American Journal of Public Health
Telephone: 703-305-6451
Last EDR Contact: 12/02/2009
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

US AIRS (AFS): Aerometric Information Retrieval System Facility Subsystem (AFS)

The database is a sub-system of Aerometric Information Retrieval System (AIRS). AFS contains compliance data on air pollution point sources regulated by the U.S. EPA and/or state and local air regulatory agencies. This information comes from source reports by various stationary sources of air pollution, such as electric power plants, steel mills, factories, and universities, and provides information about the air pollutants they produce. Action, air program, air program pollutant, and general level plant data. It is used to track emissions and compliance data from industrial plants.

Date of Government Version: 10/20/2015
Date Data Arrived at EDR: 10/27/2015
Date Made Active in Reports: 01/04/2016
Number of Days to Update: 69

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 06/22/2016
Next Scheduled EDR Contact: 10/10/2016
Data Release Frequency: Annually

US AIRS MINOR: Air Facility System Data

A listing of minor source facilities.

Date of Government Version: 10/20/2015
Date Data Arrived at EDR: 10/27/2015
Date Made Active in Reports: 01/04/2016
Number of Days to Update: 69

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 06/22/2016
Next Scheduled EDR Contact: 10/10/2016
Data Release Frequency: Annually

US MINES: Mines Master Index File

Contains all mine identification numbers issued for mines active or opened since 1971. The data also includes violation information.

Date of Government Version: 02/09/2016
Date Data Arrived at EDR: 03/02/2016
Date Made Active in Reports: 04/15/2016
Number of Days to Update: 44

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 06/02/2016
Next Scheduled EDR Contact: 09/12/2016
Data Release Frequency: Semi-Annually

US MINES 2: Ferrous and Nonferrous Metal Mines Database Listing

This map layer includes ferrous (ferrous metal mines are facilities that extract ferrous metals, such as iron ore or molybdenum) and nonferrous (Nonferrous metal mines are facilities that extract nonferrous metals, such as gold, silver, copper, zinc, and lead) metal mines in the United States.

Date of Government Version: 12/05/2005
Date Data Arrived at EDR: 02/29/2008
Date Made Active in Reports: 04/18/2008
Number of Days to Update: 49

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 06/03/2016
Next Scheduled EDR Contact: 09/12/2016
Data Release Frequency: Varies

US MINES 3: Active Mines & Mineral Plants Database Listing

Active Mines and Mineral Processing Plant operations for commodities monitored by the Minerals Information Team of the USGS.

Date of Government Version: 04/14/2011
Date Data Arrived at EDR: 06/08/2011
Date Made Active in Reports: 09/13/2011
Number of Days to Update: 97

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 06/03/2016
Next Scheduled EDR Contact: 09/12/2016
Data Release Frequency: Varies

FINDS: Facility Index System/Facility Registry System

Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 07/20/2015
Date Data Arrived at EDR: 09/09/2015
Date Made Active in Reports: 11/03/2015
Number of Days to Update: 55

Source: EPA
Telephone: (415) 947-8000
Last EDR Contact: 06/08/2016
Next Scheduled EDR Contact: 09/19/2016
Data Release Frequency: Quarterly

UXO: Unexploded Ordnance Sites

A listing of unexploded ordnance site locations

Date of Government Version: 10/25/2015
Date Data Arrived at EDR: 01/29/2016
Date Made Active in Reports: 04/05/2016
Number of Days to Update: 67

Source: Department of Defense
Telephone: 571-373-0407
Last EDR Contact: 06/20/2016
Next Scheduled EDR Contact: 10/03/2016
Data Release Frequency: Varies

DOCKET HWC: Hazardous Waste Compliance Docket Listing

A complete list of the Federal Agency Hazardous Waste Compliance Docket Facilities.

Date of Government Version: 03/01/2016
Date Data Arrived at EDR: 03/03/2016
Date Made Active in Reports: 04/05/2016
Number of Days to Update: 33

Source: Environmental Protection Agency
Telephone: 202-564-0527
Last EDR Contact: 05/25/2016
Next Scheduled EDR Contact: 09/12/2016
Data Release Frequency: Varies

CA BOND EXP. PLAN: Bond Expenditure Plan

Department of Health Services developed a site-specific expenditure plan as the basis for an appropriation of Hazardous Substance Cleanup Bond Act funds. It is not updated.

Date of Government Version: 01/01/1989
Date Data Arrived at EDR: 07/27/1994
Date Made Active in Reports: 08/02/1994
Number of Days to Update: 6

Source: Department of Health Services
Telephone: 916-255-2118
Last EDR Contact: 05/31/1994
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

CORTESE: "Cortese" Hazardous Waste & Substances Sites List

The sites for the list are designated by the State Water Resource Control Board (LUST), the Integrated Waste Board (SWF/LS), and the Department of Toxic Substances Control (Cal-Sites).

Date of Government Version: 03/28/2016
Date Data Arrived at EDR: 03/30/2016
Date Made Active in Reports: 05/09/2016
Number of Days to Update: 40

Source: CAL EPA/Office of Emergency Information
Telephone: 916-323-3400
Last EDR Contact: 03/30/2016
Next Scheduled EDR Contact: 07/11/2016
Data Release Frequency: Quarterly

DRYCLEANERS: Cleaner Facilities

A list of drycleaner related facilities that have EPA ID numbers. These are facilities with certain SIC codes: power laundries, family and commercial; garment pressing and cleaner's agents; linen supply; coin-operated laundries and cleaning; drycleaning plants, except rugs; carpet and upholster cleaning; industrial launderers; laundry and garment services.

Date of Government Version: 02/08/2016
Date Data Arrived at EDR: 02/24/2016
Date Made Active in Reports: 04/01/2016
Number of Days to Update: 37

Source: Department of Toxic Substance Control
Telephone: 916-327-4498
Last EDR Contact: 06/02/2016
Next Scheduled EDR Contact: 09/19/2016
Data Release Frequency: Annually

EMI: Emissions Inventory Data

Toxics and criteria pollutant emissions data collected by the ARB and local air pollution agencies.

Date of Government Version: 12/31/2014
Date Data Arrived at EDR: 03/22/2016
Date Made Active in Reports: 05/09/2016
Number of Days to Update: 48

Source: California Air Resources Board
Telephone: 916-322-2990
Last EDR Contact: 06/22/2016
Next Scheduled EDR Contact: 10/03/2016
Data Release Frequency: Varies

ENF: Enforcement Action Listing

A listing of Water Board Enforcement Actions. Formal is everything except Oral/Verbal Communication, Notice of Violation, Expedited Payment Letter, and Staff Enforcement Letter.

Date of Government Version: 01/26/2016
Date Data Arrived at EDR: 01/29/2016
Date Made Active in Reports: 03/22/2016
Number of Days to Update: 53

Source: State Water Resoruces Control Board
Telephone: 916-445-9379
Last EDR Contact: 05/23/2016
Next Scheduled EDR Contact: 08/08/2016
Data Release Frequency: Varies

Financial Assurance 1: Financial Assurance Information Listing

Financial Assurance information

Date of Government Version: 04/25/2016
Date Data Arrived at EDR: 04/29/2016
Date Made Active in Reports: 06/21/2016
Number of Days to Update: 53

Source: Department of Toxic Substances Control
Telephone: 916-255-3628
Last EDR Contact: 04/21/2016
Next Scheduled EDR Contact: 08/08/2016
Data Release Frequency: Varies

Financial Assurance 2: Financial Assurance Information Listing

A listing of financial assurance information for solid waste facilities. Financial assurance is intended to ensure that resources are available to pay for the cost of closure, post-closure care, and corrective measures if the owner or operator of a regulated facility is unable or unwilling to pay.

Date of Government Version: 02/17/2016
Date Data Arrived at EDR: 02/23/2016
Date Made Active in Reports: 04/01/2016
Number of Days to Update: 38

Source: California Integrated Waste Management Board
Telephone: 916-341-6066
Last EDR Contact: 05/25/2016
Next Scheduled EDR Contact: 08/29/2016
Data Release Frequency: Varies

HAZNET: Facility and Manifest Data

Facility and Manifest Data. The data is extracted from the copies of hazardous waste manifests received each year by the DTSC. The annual volume of manifests is typically 700,000 - 1,000,000 annually, representing approximately 350,000 - 500,000 shipments. Data are from the manifests submitted without correction, and therefore many contain some invalid values for data elements such as generator ID, TSD ID, waste category, and disposal method. This database begins with calendar year 1993.

Date of Government Version: 12/31/2014
Date Data Arrived at EDR: 10/14/2015
Date Made Active in Reports: 12/11/2015
Number of Days to Update: 58

Source: California Environmental Protection Agency
Telephone: 916-255-1136
Last EDR Contact: 04/15/2016
Next Scheduled EDR Contact: 07/25/2016
Data Release Frequency: Annually

HIST CORTESE: Hazardous Waste & Substance Site List

The sites for the list are designated by the State Water Resource Control Board [LUST], the Integrated Waste Board [SWF/LS], and the Department of Toxic Substances Control [CALSITES]. This listing is no longer updated by the state agency.

Date of Government Version: 04/01/2001
Date Data Arrived at EDR: 01/22/2009
Date Made Active in Reports: 04/08/2009
Number of Days to Update: 76

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 01/22/2009
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

HWP: EnviroStor Permitted Facilities Listing

Detailed information on permitted hazardous waste facilities and corrective action ("cleanups") tracked in EnviroStor.

Date of Government Version: 02/22/2016
Date Data Arrived at EDR: 02/24/2016
Date Made Active in Reports: 04/01/2016
Number of Days to Update: 37

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 05/25/2016
Next Scheduled EDR Contact: 09/05/2016
Data Release Frequency: Quarterly

HWT: Registered Hazardous Waste Transporter Database

A listing of hazardous waste transporters. In California, unless specifically exempted, it is unlawful for any person to transport hazardous wastes unless the person holds a valid registration issued by DTSC. A hazardous waste transporter registration is valid for one year and is assigned a unique registration number.

Date of Government Version: 04/11/2016
Date Data Arrived at EDR: 04/12/2016
Date Made Active in Reports: 06/01/2016
Number of Days to Update: 50

Source: Department of Toxic Substances Control
Telephone: 916-440-7145
Last EDR Contact: 04/12/2016
Next Scheduled EDR Contact: 07/25/2016
Data Release Frequency: Quarterly

MINES: Mines Site Location Listing

A listing of mine site locations from the Office of Mine Reclamation.

Date of Government Version: 03/15/2016
Date Data Arrived at EDR: 03/16/2016
Date Made Active in Reports: 05/09/2016
Number of Days to Update: 54

Source: Department of Conservation
Telephone: 916-322-1080
Last EDR Contact: 06/14/2016
Next Scheduled EDR Contact: 09/26/2016
Data Release Frequency: Varies

MWMP: Medical Waste Management Program Listing

The Medical Waste Management Program (MWMP) ensures the proper handling and disposal of medical waste by permitting and inspecting medical waste Offsite Treatment Facilities (PDF) and Transfer Stations (PDF) throughout the state. MWMP also oversees all Medical Waste Transporters.

Date of Government Version: 02/29/2016
Date Data Arrived at EDR: 03/08/2016
Date Made Active in Reports: 05/04/2016
Number of Days to Update: 57

Source: Department of Public Health
Telephone: 916-558-1784
Last EDR Contact: 06/07/2016
Next Scheduled EDR Contact: 09/19/2016
Data Release Frequency: Varies

NPDES: NPDES Permits Listing

A listing of NPDES permits, including stormwater.

Date of Government Version: 02/16/2016
Date Data Arrived at EDR: 02/17/2016
Date Made Active in Reports: 04/01/2016
Number of Days to Update: 44

Source: State Water Resources Control Board
Telephone: 916-445-9379
Last EDR Contact: 05/18/2016
Next Scheduled EDR Contact: 08/29/2016
Data Release Frequency: Quarterly

PEST LIC: Pesticide Regulation Licenses Listing

A listing of licenses and certificates issued by the Department of Pesticide Regulation. The DPR issues licenses and/or certificates to: Persons and businesses that apply or sell pesticides; Pest control dealers and brokers; Persons who advise on agricultural pesticide applications.

Date of Government Version: 03/07/2016
Date Data Arrived at EDR: 03/08/2016
Date Made Active in Reports: 05/16/2016
Number of Days to Update: 69

Source: Department of Pesticide Regulation
Telephone: 916-445-4038
Last EDR Contact: 06/07/2016
Next Scheduled EDR Contact: 09/19/2016
Data Release Frequency: Quarterly

PROC: Certified Processors Database

A listing of certified processors.

Date of Government Version: 03/15/2016
Date Data Arrived at EDR: 03/16/2016
Date Made Active in Reports: 05/09/2016
Number of Days to Update: 54

Source: Department of Conservation
Telephone: 916-323-3836
Last EDR Contact: 06/14/2016
Next Scheduled EDR Contact: 09/26/2016
Data Release Frequency: Quarterly

NOTIFY 65: Proposition 65 Records

Listings of all Proposition 65 incidents reported to counties by the State Water Resources Control Board and the Regional Water Quality Control Board. This database is no longer updated by the reporting agency.

Date of Government Version: 09/10/2015
Date Data Arrived at EDR: 01/05/2016
Date Made Active in Reports: 02/12/2016
Number of Days to Update: 38

Source: State Water Resources Control Board
Telephone: 916-445-3846
Last EDR Contact: 06/15/2016
Next Scheduled EDR Contact: 10/03/2016
Data Release Frequency: No Update Planned

UIC: UIC Listing

A listing of wells identified as underground injection wells, in the California Oil and Gas Wells database.

Date of Government Version: 02/12/2016
Date Data Arrived at EDR: 03/16/2016
Date Made Active in Reports: 06/13/2016
Number of Days to Update: 89

Source: Deaprtment of Conservation
Telephone: 916-445-2408
Last EDR Contact: 06/16/2016
Next Scheduled EDR Contact: 09/26/2016
Data Release Frequency: Varies

WASTEWATER PITS: Oil Wastewater Pits Listing

Water officials discovered that oil producers have been dumping chemical-laden wastewater into hundreds of unlined pits that are operating without proper permits. Inspections completed by the Central Valley Regional Water Quality Control Board revealed the existence of previously unidentified waste sites. The water board?s review found that more than one-third of the region?s active disposal pits are operating without permission.

Date of Government Version: 04/15/2015
Date Data Arrived at EDR: 04/17/2015
Date Made Active in Reports: 06/23/2015
Number of Days to Update: 67

Source: RWQCB, Central Valley Region
Telephone: 559-445-5577
Last EDR Contact: 01/15/2016
Next Scheduled EDR Contact: 04/25/2016
Data Release Frequency: Varies

WDS: Waste Discharge System

Sites which have been issued waste discharge requirements.

Date of Government Version: 06/19/2007
Date Data Arrived at EDR: 06/20/2007
Date Made Active in Reports: 06/29/2007
Number of Days to Update: 9

Source: State Water Resources Control Board
Telephone: 916-341-5227
Last EDR Contact: 05/20/2016
Next Scheduled EDR Contact: 09/05/2016
Data Release Frequency: Quarterly

WIP: Well Investigation Program Case List
Well Investigation Program case in the San Gabriel and San Fernando Valley area.

Date of Government Version: 07/03/2009
Date Data Arrived at EDR: 07/21/2009
Date Made Active in Reports: 08/03/2009
Number of Days to Update: 13

Source: Los Angeles Water Quality Control Board
Telephone: 213-576-6726
Last EDR Contact: 03/28/2016
Next Scheduled EDR Contact: 07/11/2016
Data Release Frequency: Varies

FUELS PROGRAM: EPA Fuels Program Registered Listing
This listing includes facilities that are registered under the Part 80 (Code of Federal Regulations) EPA Fuels Programs. All companies now are required to submit new and updated registrations.

Date of Government Version: 02/22/2016
Date Data Arrived at EDR: 02/24/2016
Date Made Active in Reports: 05/20/2016
Number of Days to Update: 86

Source: EPA
Telephone: 800-385-6164
Last EDR Contact: 05/25/2016
Next Scheduled EDR Contact: 09/05/2016
Data Release Frequency: Quarterly

ECHO: Enforcement & Compliance History Information
ECHO provides integrated compliance and enforcement information for about 800,000 regulated facilities nationwide.

Date of Government Version: 09/20/2015
Date Data Arrived at EDR: 09/23/2015
Date Made Active in Reports: 01/04/2016
Number of Days to Update: 103

Source: Environmental Protection Agency
Telephone: 202-564-2280
Last EDR Contact: 06/22/2016
Next Scheduled EDR Contact: 10/03/2016
Data Release Frequency: Quarterly

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP: EDR Proprietary Manufactured Gas Plants
The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

EDR Hist Auto: EDR Exclusive Historic Gas Stations
EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR Hist Cleaner: EDR Exclusive Historic Dry Cleaners

EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA LF: Recovered Government Archive Solid Waste Facilities List

The EDR Recovered Government Archive Landfill database provides a list of landfills derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Resources Recycling and Recovery in California.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 01/13/2014
Number of Days to Update: 196

Source: Department of Resources Recycling and Recovery
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

RGA LUST: Recovered Government Archive Leaking Underground Storage Tank

The EDR Recovered Government Archive Leaking Underground Storage Tank database provides a list of LUST incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the State Water Resources Control Board in California.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 12/30/2013
Number of Days to Update: 182

Source: State Water Resources Control Board
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

COUNTY RECORDS

ALAMEDA COUNTY:

Contaminated Sites

A listing of contaminated sites overseen by the Toxic Release Program (oil and groundwater contamination from chemical releases and spills) and the Leaking Underground Storage Tank Program (soil and ground water contamination from leaking petroleum USTs).

Date of Government Version: 04/12/2016
Date Data Arrived at EDR: 04/14/2016
Date Made Active in Reports: 06/01/2016
Number of Days to Update: 48

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700
Last EDR Contact: 04/11/2016
Next Scheduled EDR Contact: 07/25/2016
Data Release Frequency: Semi-Annually

Underground Tanks
Underground storage tank sites located in Alameda county.

Date of Government Version: 04/06/2016
Date Data Arrived at EDR: 04/14/2016
Date Made Active in Reports: 06/01/2016
Number of Days to Update: 48

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700
Last EDR Contact: 04/11/2016
Next Scheduled EDR Contact: 07/25/2016
Data Release Frequency: Semi-Annually

AMADOR COUNTY:

CUPA Facility List
Cupa Facility List

Date of Government Version: 06/06/2016
Date Data Arrived at EDR: 06/09/2016
Date Made Active in Reports: 06/21/2016
Number of Days to Update: 12

Source: Amador County Environmental Health
Telephone: 209-223-6439
Last EDR Contact: 06/02/2016
Next Scheduled EDR Contact: 09/19/2016
Data Release Frequency: Varies

BUTTE COUNTY:

CUPA Facility Listing
Cupa facility list.

Date of Government Version: 06/02/2016
Date Data Arrived at EDR: 06/03/2016
Date Made Active in Reports: 06/21/2016
Number of Days to Update: 18

Source: Public Health Department
Telephone: 530-538-7149
Last EDR Contact: 05/23/2016
Next Scheduled EDR Contact: 07/25/2016
Data Release Frequency: No Update Planned

CALVERAS COUNTY:

CUPA Facility Listing
Cupa Facility Listing

Date of Government Version: 04/29/2016
Date Data Arrived at EDR: 05/03/2016
Date Made Active in Reports: 06/17/2016
Number of Days to Update: 45

Source: Calveras County Environmental Health
Telephone: 209-754-6399
Last EDR Contact: 03/28/2016
Next Scheduled EDR Contact: 07/11/2016
Data Release Frequency: Quarterly

COLUSA COUNTY:

CUPA Facility List
Cupa facility list.

Date of Government Version: 05/25/2016
Date Data Arrived at EDR: 05/26/2016
Date Made Active in Reports: 06/17/2016
Number of Days to Update: 22

Source: Health & Human Services
Telephone: 530-458-0396
Last EDR Contact: 05/23/2016
Next Scheduled EDR Contact: 08/22/2016
Data Release Frequency: Varies

CONTRA COSTA COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Site List
List includes sites from the underground tank, hazardous waste generator and business plan/2185 programs.

Date of Government Version: 02/24/2016
Date Data Arrived at EDR: 02/26/2016
Date Made Active in Reports: 04/01/2016
Number of Days to Update: 35

Source: Contra Costa Health Services Department
Telephone: 925-646-2286
Last EDR Contact: 05/02/2016
Next Scheduled EDR Contact: 08/15/2016
Data Release Frequency: Semi-Annually

DEL NORTE COUNTY:

CUPA Facility List
Cupa Facility list

Date of Government Version: 04/08/2016
Date Data Arrived at EDR: 05/03/2016
Date Made Active in Reports: 06/22/2016
Number of Days to Update: 50

Source: Del Norte County Environmental Health Division
Telephone: 707-465-0426
Last EDR Contact: 04/29/2016
Next Scheduled EDR Contact: 08/15/2016
Data Release Frequency: Varies

EL DORADO COUNTY:

CUPA Facility List
CUPA facility list.

Date of Government Version: 02/22/2016
Date Data Arrived at EDR: 02/24/2016
Date Made Active in Reports: 04/01/2016
Number of Days to Update: 37

Source: El Dorado County Environmental Management Department
Telephone: 530-621-6623
Last EDR Contact: 05/02/2016
Next Scheduled EDR Contact: 08/15/2016
Data Release Frequency: Varies

FRESNO COUNTY:

CUPA Resources List
Certified Unified Program Agency. CUPA's are responsible for implementing a unified hazardous materials and hazardous waste management regulatory program. The agency provides oversight of businesses that deal with hazardous materials, operate underground storage tanks or aboveground storage tanks.

Date of Government Version: 04/04/2016
Date Data Arrived at EDR: 04/06/2016
Date Made Active in Reports: 05/04/2016
Number of Days to Update: 28

Source: Dept. of Community Health
Telephone: 559-445-3271
Last EDR Contact: 04/04/2016
Next Scheduled EDR Contact: 07/18/2016
Data Release Frequency: Semi-Annually

HUMBOLDT COUNTY:

CUPA Facility List
CUPA facility list.

Date of Government Version: 03/16/2016
Date Data Arrived at EDR: 03/21/2016
Date Made Active in Reports: 05/04/2016
Number of Days to Update: 44

Source: Humboldt County Environmental Health
Telephone: N/A
Last EDR Contact: 05/23/2016
Next Scheduled EDR Contact: 09/05/2016
Data Release Frequency: Varies

IMPERIAL COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CUPA Facility List
Cupa facility list.

Date of Government Version: 04/26/2016
Date Data Arrived at EDR: 04/28/2016
Date Made Active in Reports: 06/17/2016
Number of Days to Update: 50

Source: San Diego Border Field Office
Telephone: 760-339-2777
Last EDR Contact: 04/21/2016
Next Scheduled EDR Contact: 08/08/2016
Data Release Frequency: Varies

INYO COUNTY:

CUPA Facility List
Cupa facility list.

Date of Government Version: 09/10/2013
Date Data Arrived at EDR: 09/11/2013
Date Made Active in Reports: 10/14/2013
Number of Days to Update: 33

Source: Inyo County Environmental Health Services
Telephone: 760-878-0238
Last EDR Contact: 05/23/2016
Next Scheduled EDR Contact: 09/05/2016
Data Release Frequency: Varies

KERN COUNTY:

Underground Storage Tank Sites & Tank Listing
Kern County Sites and Tanks Listing.

Date of Government Version: 03/01/2016
Date Data Arrived at EDR: 03/03/2016
Date Made Active in Reports: 05/09/2016
Number of Days to Update: 67

Source: Kern County Environment Health Services Department
Telephone: 661-862-8700
Last EDR Contact: 05/09/2016
Next Scheduled EDR Contact: 08/22/2016
Data Release Frequency: Quarterly

KINGS COUNTY:

CUPA Facility List
A listing of sites included in the county's Certified Unified Program Agency database. California's Secretary for Environmental Protection established the unified hazardous materials and hazardous waste regulatory program as required by chapter 6.11 of the California Health and Safety Code. The Unified Program consolidates the administration, permits, inspections, and enforcement activities.

Date of Government Version: 05/25/2016
Date Data Arrived at EDR: 05/27/2016
Date Made Active in Reports: 06/22/2016
Number of Days to Update: 26

Source: Kings County Department of Public Health
Telephone: 559-584-1411
Last EDR Contact: 05/23/2016
Next Scheduled EDR Contact: 09/05/2016
Data Release Frequency: Varies

LAKE COUNTY:

CUPA Facility List
Cupa facility list

Date of Government Version: 04/26/2016
Date Data Arrived at EDR: 04/27/2016
Date Made Active in Reports: 06/17/2016
Number of Days to Update: 51

Source: Lake County Environmental Health
Telephone: 707-263-1164
Last EDR Contact: 04/18/2016
Next Scheduled EDR Contact: 08/01/2016
Data Release Frequency: Varies

LOS ANGELES COUNTY:

San Gabriel Valley Areas of Concern

San Gabriel Valley areas where VOC contamination is at or above the MCL as designated by region 9 EPA office.

Date of Government Version: 03/30/2009
Date Data Arrived at EDR: 03/31/2009
Date Made Active in Reports: 10/23/2009
Number of Days to Update: 206

Source: EPA Region 9
Telephone: 415-972-3178
Last EDR Contact: 06/15/2016
Next Scheduled EDR Contact: 07/04/2016
Data Release Frequency: No Update Planned

HMS: Street Number List

Industrial Waste and Underground Storage Tank Sites.

Date of Government Version: 03/30/2016
Date Data Arrived at EDR: 04/01/2016
Date Made Active in Reports: 05/09/2016
Number of Days to Update: 38

Source: Department of Public Works
Telephone: 626-458-3517
Last EDR Contact: 04/01/2016
Next Scheduled EDR Contact: 07/25/2016
Data Release Frequency: Semi-Annually

List of Solid Waste Facilities

Solid Waste Facilities in Los Angeles County.

Date of Government Version: 04/18/2016
Date Data Arrived at EDR: 04/20/2016
Date Made Active in Reports: 06/01/2016
Number of Days to Update: 42

Source: La County Department of Public Works
Telephone: 818-458-5185
Last EDR Contact: 04/20/2016
Next Scheduled EDR Contact: 08/01/2016
Data Release Frequency: Varies

City of Los Angeles Landfills

Landfills owned and maintained by the City of Los Angeles.

Date of Government Version: 01/01/2016
Date Data Arrived at EDR: 01/26/2016
Date Made Active in Reports: 03/22/2016
Number of Days to Update: 56

Source: Engineering & Construction Division
Telephone: 213-473-7869
Last EDR Contact: 04/18/2016
Next Scheduled EDR Contact: 08/01/2016
Data Release Frequency: Varies

Site Mitigation List

Industrial sites that have had some sort of spill or complaint.

Date of Government Version: 03/29/2016
Date Data Arrived at EDR: 04/06/2016
Date Made Active in Reports: 06/13/2016
Number of Days to Update: 68

Source: Community Health Services
Telephone: 323-890-7806
Last EDR Contact: 03/28/2016
Next Scheduled EDR Contact: 08/01/2016
Data Release Frequency: Annually

City of El Segundo Underground Storage Tank

Underground storage tank sites located in El Segundo city.

Date of Government Version: 03/30/2015
Date Data Arrived at EDR: 04/02/2015
Date Made Active in Reports: 04/13/2015
Number of Days to Update: 11

Source: City of El Segundo Fire Department
Telephone: 310-524-2236
Last EDR Contact: 04/18/2016
Next Scheduled EDR Contact: 08/01/2016
Data Release Frequency: Semi-Annually

City of Long Beach Underground Storage Tank

Underground storage tank sites located in the city of Long Beach.

Date of Government Version: 11/04/2015
Date Data Arrived at EDR: 11/13/2015
Date Made Active in Reports: 12/17/2015
Number of Days to Update: 34

Source: City of Long Beach Fire Department
Telephone: 562-570-2563
Last EDR Contact: 01/25/2016
Next Scheduled EDR Contact: 05/09/2016
Data Release Frequency: Annually

City of Torrance Underground Storage Tank
Underground storage tank sites located in the city of Torrance.

Date of Government Version: 04/05/2016
Date Data Arrived at EDR: 04/26/2016
Date Made Active in Reports: 06/01/2016
Number of Days to Update: 36

Source: City of Torrance Fire Department
Telephone: 310-618-2973
Last EDR Contact: 01/11/2016
Next Scheduled EDR Contact: 04/25/2016
Data Release Frequency: Semi-Annually

MADERA COUNTY:

CUPA Facility List
A listing of sites included in the county's Certified Unified Program Agency database. California's Secretary for Environmental Protection established the unified hazardous materials and hazardous waste regulatory program as required by chapter 6.11 of the California Health and Safety Code. The Unified Program consolidates the administration, permits, inspections, and enforcement activities.

Date of Government Version: 03/02/2016
Date Data Arrived at EDR: 03/07/2016
Date Made Active in Reports: 05/04/2016
Number of Days to Update: 58

Source: Madera County Environmental Health
Telephone: 559-675-7823
Last EDR Contact: 05/23/2016
Next Scheduled EDR Contact: 09/05/2016
Data Release Frequency: Varies

MARIN COUNTY:

Underground Storage Tank Sites
Currently permitted USTs in Marin County.

Date of Government Version: 04/07/2016
Date Data Arrived at EDR: 04/26/2016
Date Made Active in Reports: 06/01/2016
Number of Days to Update: 36

Source: Public Works Department Waste Management
Telephone: 415-499-6647
Last EDR Contact: 04/18/2016
Next Scheduled EDR Contact: 07/18/2016
Data Release Frequency: Semi-Annually

MERCED COUNTY:

CUPA Facility List
CUPA facility list.

Date of Government Version: 02/26/2016
Date Data Arrived at EDR: 03/01/2016
Date Made Active in Reports: 05/04/2016
Number of Days to Update: 64

Source: Merced County Environmental Health
Telephone: 209-381-1094
Last EDR Contact: 06/15/2016
Next Scheduled EDR Contact: 09/05/2016
Data Release Frequency: Varies

MONO COUNTY:

CUPA Facility List
CUPA Facility List

Date of Government Version: 05/25/2016
Date Data Arrived at EDR: 06/01/2016
Date Made Active in Reports: 06/22/2016
Number of Days to Update: 21

Source: Mono County Health Department
Telephone: 760-932-5580
Last EDR Contact: 05/25/2016
Next Scheduled EDR Contact: 09/12/2016
Data Release Frequency: Varies

MONTEREY COUNTY:

CUPA Facility Listing
CUPA Program listing from the Environmental Health Division.

Date of Government Version: 03/15/2016
Date Data Arrived at EDR: 03/18/2016
Date Made Active in Reports: 05/04/2016
Number of Days to Update: 47
Source: Monterey County Health Department
Telephone: 831-796-1297
Last EDR Contact: 05/23/2016
Next Scheduled EDR Contact: 09/05/2016
Data Release Frequency: Varies

NAPA COUNTY:

Sites With Reported Contamination
A listing of leaking underground storage tank sites located in Napa county.

Date of Government Version: 12/05/2011
Date Data Arrived at EDR: 12/06/2011
Date Made Active in Reports: 02/07/2012
Number of Days to Update: 63
Source: Napa County Department of Environmental Management
Telephone: 707-253-4269
Last EDR Contact: 05/25/2016
Next Scheduled EDR Contact: 09/12/2016
Data Release Frequency: No Update Planned

Closed and Operating Underground Storage Tank Sites
Underground storage tank sites located in Napa county.

Date of Government Version: 01/15/2008
Date Data Arrived at EDR: 01/16/2008
Date Made Active in Reports: 02/08/2008
Number of Days to Update: 23
Source: Napa County Department of Environmental Management
Telephone: 707-253-4269
Last EDR Contact: 05/25/2016
Next Scheduled EDR Contact: 09/12/2016
Data Release Frequency: No Update Planned

NEVADA COUNTY:

CUPA Facility List
CUPA facility list.

Date of Government Version: 04/18/2016
Date Data Arrived at EDR: 05/06/2016
Date Made Active in Reports: 06/17/2016
Number of Days to Update: 42
Source: Community Development Agency
Telephone: 530-265-1467
Last EDR Contact: 04/29/2016
Next Scheduled EDR Contact: 08/15/2016
Data Release Frequency: Varies

ORANGE COUNTY:

List of Industrial Site Cleanups
Petroleum and non-petroleum spills.

Date of Government Version: 05/01/2016
Date Data Arrived at EDR: 05/17/2016
Date Made Active in Reports: 06/21/2016
Number of Days to Update: 35
Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 05/09/2016
Next Scheduled EDR Contact: 08/22/2016
Data Release Frequency: Annually

List of Underground Storage Tank Cleanups
Orange County Underground Storage Tank Cleanups (LUST).

Date of Government Version: 05/01/2016
Date Data Arrived at EDR: 05/17/2016
Date Made Active in Reports: 06/21/2016
Number of Days to Update: 35
Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 05/09/2016
Next Scheduled EDR Contact: 08/22/2016
Data Release Frequency: Quarterly

List of Underground Storage Tank Facilities
Orange County Underground Storage Tank Facilities (UST).

Date of Government Version: 05/01/2016
Date Data Arrived at EDR: 05/11/2016
Date Made Active in Reports: 06/01/2016
Number of Days to Update: 21
Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 05/11/2016
Next Scheduled EDR Contact: 08/22/2016
Data Release Frequency: Quarterly

PLACER COUNTY:

Master List of Facilities
List includes aboveground tanks, underground tanks and cleanup sites.

Date of Government Version: 03/07/2016
Date Data Arrived at EDR: 03/09/2016
Date Made Active in Reports: 05/04/2016
Number of Days to Update: 56
Source: Placer County Health and Human Services
Telephone: 530-745-2363
Last EDR Contact: 06/15/2016
Next Scheduled EDR Contact: 09/19/2016
Data Release Frequency: Semi-Annually

RIVERSIDE COUNTY:

Listing of Underground Tank Cleanup Sites
Riverside County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 04/13/2016
Date Data Arrived at EDR: 04/15/2016
Date Made Active in Reports: 05/09/2016
Number of Days to Update: 24
Source: Department of Environmental Health
Telephone: 951-358-5055
Last EDR Contact: 06/20/2016
Next Scheduled EDR Contact: 10/03/2016
Data Release Frequency: Quarterly

Underground Storage Tank Tank List
Underground storage tank sites located in Riverside county.

Date of Government Version: 04/13/2016
Date Data Arrived at EDR: 04/15/2016
Date Made Active in Reports: 06/01/2016
Number of Days to Update: 47
Source: Department of Environmental Health
Telephone: 951-358-5055
Last EDR Contact: 06/20/2016
Next Scheduled EDR Contact: 10/03/2016
Data Release Frequency: Quarterly

SACRAMENTO COUNTY:

Toxic Site Clean-Up List
List of sites where unauthorized releases of potentially hazardous materials have occurred.

Date of Government Version: 02/02/2016
Date Data Arrived at EDR: 04/06/2016
Date Made Active in Reports: 06/01/2016
Number of Days to Update: 56
Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Last EDR Contact: 04/06/2016
Next Scheduled EDR Contact: 07/18/2016
Data Release Frequency: Quarterly

Master Hazardous Materials Facility List
Any business that has hazardous materials on site - hazardous material storage sites, underground storage tanks, waste generators.

Date of Government Version: 02/02/2016
Date Data Arrived at EDR: 04/06/2016
Date Made Active in Reports: 06/01/2016
Number of Days to Update: 56
Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Last EDR Contact: 04/06/2016
Next Scheduled EDR Contact: 07/18/2016
Data Release Frequency: Quarterly

SAN BERNARDINO COUNTY:

Hazardous Material Permits

This listing includes underground storage tanks, medical waste handlers/generators, hazardous materials handlers, hazardous waste generators, and waste oil generators/handlers.

Date of Government Version: 03/15/2016
Date Data Arrived at EDR: 03/18/2016
Date Made Active in Reports: 05/09/2016
Number of Days to Update: 52

Source: San Bernardino County Fire Department Hazardous Materials Division
Telephone: 909-387-3041
Last EDR Contact: 05/09/2016
Next Scheduled EDR Contact: 08/22/2016
Data Release Frequency: Quarterly

SAN DIEGO COUNTY:

Hazardous Materials Management Division Database

The database includes: HE58 - This report contains the business name, site address, business phone number, establishment 'H' permit number, type of permit, and the business status. HE17 - In addition to providing the same information provided in the HE58 listing, HE17 provides inspection dates, violations received by the establishment, hazardous waste generated, the quantity, method of storage, treatment/disposal of waste and the hauler, and information on underground storage tanks. Unauthorized Release List - Includes a summary of environmental contamination cases in San Diego County (underground tank cases, non-tank cases, groundwater contamination, and soil contamination are included.)

Date of Government Version: 09/23/2013
Date Data Arrived at EDR: 09/24/2013
Date Made Active in Reports: 10/17/2013
Number of Days to Update: 23

Source: Hazardous Materials Management Division
Telephone: 619-338-2268
Last EDR Contact: 06/02/2016
Next Scheduled EDR Contact: 09/19/2016
Data Release Frequency: Quarterly

Solid Waste Facilities

San Diego County Solid Waste Facilities.

Date of Government Version: 10/31/2015
Date Data Arrived at EDR: 11/07/2015
Date Made Active in Reports: 01/04/2016
Number of Days to Update: 58

Source: Department of Health Services
Telephone: 619-338-2209
Last EDR Contact: 04/21/2016
Next Scheduled EDR Contact: 08/08/2016
Data Release Frequency: Varies

Environmental Case Listing

The listing contains all underground tank release cases and projects pertaining to properties contaminated with hazardous substances that are actively under review by the Site Assessment and Mitigation Program.

Date of Government Version: 03/23/2010
Date Data Arrived at EDR: 06/15/2010
Date Made Active in Reports: 07/09/2010
Number of Days to Update: 24

Source: San Diego County Department of Environmental Health
Telephone: 619-338-2371
Last EDR Contact: 06/02/2016
Next Scheduled EDR Contact: 09/19/2016
Data Release Frequency: No Update Planned

SAN FRANCISCO COUNTY:

Local Oversite Facilities

A listing of leaking underground storage tank sites located in San Francisco county.

Date of Government Version: 09/19/2008
Date Data Arrived at EDR: 09/19/2008
Date Made Active in Reports: 09/29/2008
Number of Days to Update: 10

Source: Department Of Public Health San Francisco County
Telephone: 415-252-3920
Last EDR Contact: 05/06/2016
Next Scheduled EDR Contact: 08/22/2016
Data Release Frequency: Quarterly

Underground Storage Tank Information
Underground storage tank sites located in San Francisco county.

Date of Government Version: 11/29/2010
Date Data Arrived at EDR: 03/10/2011
Date Made Active in Reports: 03/15/2011
Number of Days to Update: 5
Source: Department of Public Health
Telephone: 415-252-3920
Last EDR Contact: 05/06/2016
Next Scheduled EDR Contact: 08/22/2016
Data Release Frequency: Quarterly

SAN JOAQUIN COUNTY:

San Joaquin Co. UST
A listing of underground storage tank locations in San Joaquin county.

Date of Government Version: 04/06/2016
Date Data Arrived at EDR: 04/08/2016
Date Made Active in Reports: 05/04/2016
Number of Days to Update: 26
Source: Environmental Health Department
Telephone: N/A
Last EDR Contact: 06/15/2016
Next Scheduled EDR Contact: 10/03/2016
Data Release Frequency: Semi-Annually

SAN LUIS OBISPO COUNTY:

CUPA Facility List
Cupa Facility List.

Date of Government Version: 05/23/2016
Date Data Arrived at EDR: 05/24/2016
Date Made Active in Reports: 06/21/2016
Number of Days to Update: 28
Source: San Luis Obispo County Public Health Department
Telephone: 805-781-5596
Last EDR Contact: 05/23/2016
Next Scheduled EDR Contact: 09/05/2016
Data Release Frequency: Varies

SAN MATEO COUNTY:

Business Inventory
List includes Hazardous Materials Business Plan, hazardous waste generators, and underground storage tanks.

Date of Government Version: 06/02/2016
Date Data Arrived at EDR: 06/07/2016
Date Made Active in Reports: 06/22/2016
Number of Days to Update: 15
Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921
Last EDR Contact: 05/27/2016
Next Scheduled EDR Contact: 09/26/2016
Data Release Frequency: Annually

Fuel Leak List
A listing of leaking underground storage tank sites located in San Mateo county.

Date of Government Version: 03/14/2016
Date Data Arrived at EDR: 03/15/2016
Date Made Active in Reports: 05/09/2016
Number of Days to Update: 55
Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921
Last EDR Contact: 06/08/2016
Next Scheduled EDR Contact: 09/26/2016
Data Release Frequency: Semi-Annually

SANTA BARBARA COUNTY:

CUPA Facility Listing
CUPA Program Listing from the Environmental Health Services division.

Date of Government Version: 09/08/2011
Date Data Arrived at EDR: 09/09/2011
Date Made Active in Reports: 10/07/2011
Number of Days to Update: 28

Source: Santa Barbara County Public Health Department
Telephone: 805-686-8167
Last EDR Contact: 05/23/2016
Next Scheduled EDR Contact: 09/05/2016
Data Release Frequency: Varies

SANTA CLARA COUNTY:

Cupa Facility List
Cupa facility list

Date of Government Version: 05/25/2016
Date Data Arrived at EDR: 05/26/2016
Date Made Active in Reports: 06/22/2016
Number of Days to Update: 27

Source: Department of Environmental Health
Telephone: 408-918-1973
Last EDR Contact: 05/23/2016
Next Scheduled EDR Contact: 09/05/2016
Data Release Frequency: Varies

HIST LUST - Fuel Leak Site Activity Report
A listing of open and closed leaking underground storage tanks. This listing is no longer updated by the county. Leaking underground storage tanks are now handled by the Department of Environmental Health.

Date of Government Version: 03/29/2005
Date Data Arrived at EDR: 03/30/2005
Date Made Active in Reports: 04/21/2005
Number of Days to Update: 22

Source: Santa Clara Valley Water District
Telephone: 408-265-2600
Last EDR Contact: 03/23/2009
Next Scheduled EDR Contact: 06/22/2009
Data Release Frequency: No Update Planned

LOP Listing
A listing of leaking underground storage tanks located in Santa Clara county.

Date of Government Version: 03/03/2014
Date Data Arrived at EDR: 03/05/2014
Date Made Active in Reports: 03/18/2014
Number of Days to Update: 13

Source: Department of Environmental Health
Telephone: 408-918-3417
Last EDR Contact: 05/25/2016
Next Scheduled EDR Contact: 09/12/2016
Data Release Frequency: Annually

Hazardous Material Facilities
Hazardous material facilities, including underground storage tank sites.

Date of Government Version: 02/05/2016
Date Data Arrived at EDR: 02/10/2016
Date Made Active in Reports: 04/01/2016
Number of Days to Update: 51

Source: City of San Jose Fire Department
Telephone: 408-535-7694
Last EDR Contact: 05/23/2016
Next Scheduled EDR Contact: 08/22/2016
Data Release Frequency: Annually

SANTA CRUZ COUNTY:

CUPA Facility List
CUPA facility listing.

Date of Government Version: 05/31/2016
Date Data Arrived at EDR: 06/02/2016
Date Made Active in Reports: 06/21/2016
Number of Days to Update: 19

Source: Santa Cruz County Environmental Health
Telephone: 831-464-2761
Last EDR Contact: 05/23/2016
Next Scheduled EDR Contact: 09/05/2016
Data Release Frequency: Varies

SHASTA COUNTY:

CUPA Facility List
Cupa Facility List.

Date of Government Version: 03/18/2016
Date Data Arrived at EDR: 03/21/2016
Date Made Active in Reports: 05/04/2016
Number of Days to Update: 44

Source: Shasta County Department of Resource Management
Telephone: 530-225-5789
Last EDR Contact: 05/23/2016
Next Scheduled EDR Contact: 09/05/2016
Data Release Frequency: Varies

SOLANO COUNTY:

Leaking Underground Storage Tanks
A listing of leaking underground storage tank sites located in Solano county.

Date of Government Version: 03/14/2016
Date Data Arrived at EDR: 03/22/2016
Date Made Active in Reports: 05/09/2016
Number of Days to Update: 48

Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 06/08/2016
Next Scheduled EDR Contact: 09/26/2016
Data Release Frequency: Quarterly

Underground Storage Tanks
Underground storage tank sites located in Solano county.

Date of Government Version: 03/14/2016
Date Data Arrived at EDR: 03/21/2016
Date Made Active in Reports: 05/04/2016
Number of Days to Update: 44

Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 06/08/2016
Next Scheduled EDR Contact: 09/26/2016
Data Release Frequency: Quarterly

SONOMA COUNTY:

Cupa Facility List
Cupa Facility list

Date of Government Version: 04/05/2016
Date Data Arrived at EDR: 04/08/2016
Date Made Active in Reports: 05/04/2016
Number of Days to Update: 26

Source: County of Sonoma Fire & Emergency Services Department
Telephone: 707-565-1174
Last EDR Contact: 03/28/2016
Next Scheduled EDR Contact: 07/11/2016
Data Release Frequency: Varies

Leaking Underground Storage Tank Sites
A listing of leaking underground storage tank sites located in Sonoma county.

Date of Government Version: 04/01/2016
Date Data Arrived at EDR: 04/05/2016
Date Made Active in Reports: 05/09/2016
Number of Days to Update: 34

Source: Department of Health Services
Telephone: 707-565-6565
Last EDR Contact: 03/28/2016
Next Scheduled EDR Contact: 07/11/2016
Data Release Frequency: Quarterly

SUTTER COUNTY:

Underground Storage Tanks
Underground storage tank sites located in Sutter county.

Date of Government Version: 03/14/2016
Date Data Arrived at EDR: 03/15/2016
Date Made Active in Reports: 05/04/2016
Number of Days to Update: 50

Source: Sutter County Department of Agriculture
Telephone: 530-822-7500
Last EDR Contact: 06/02/2016
Next Scheduled EDR Contact: 09/19/2016
Data Release Frequency: Semi-Annually

TUOLUMNE COUNTY:

CUPA Facility List
Cupa facility list

Date of Government Version: 05/03/2016
Date Data Arrived at EDR: 05/10/2016
Date Made Active in Reports: 06/17/2016
Number of Days to Update: 38

Source: Divison of Environmental Health
Telephone: 209-533-5633
Last EDR Contact: 04/21/2016
Next Scheduled EDR Contact: 08/08/2016
Data Release Frequency: Varies

VENTURA COUNTY:

Business Plan, Hazardous Waste Producers, and Operating Underground Tanks
The BWT list indicates by site address whether the Environmental Health Division has Business Plan (B), Waste Producer (W), and/or Underground Tank (T) information.

Date of Government Version: 03/28/2016
Date Data Arrived at EDR: 04/29/2016
Date Made Active in Reports: 06/17/2016
Number of Days to Update: 49

Source: Ventura County Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 04/25/2016
Next Scheduled EDR Contact: 08/08/2016
Data Release Frequency: Quarterly

Inventory of Illegal Abandoned and Inactive Sites
Ventura County Inventory of Closed, Illegal Abandoned, and Inactive Sites.

Date of Government Version: 12/01/2011
Date Data Arrived at EDR: 12/01/2011
Date Made Active in Reports: 01/19/2012
Number of Days to Update: 49

Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 04/04/2016
Next Scheduled EDR Contact: 07/18/2016
Data Release Frequency: Annually

Listing of Underground Tank Cleanup Sites
Ventura County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 05/29/2008
Date Data Arrived at EDR: 06/24/2008
Date Made Active in Reports: 07/31/2008
Number of Days to Update: 37

Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 05/13/2016
Next Scheduled EDR Contact: 08/22/2016
Data Release Frequency: Quarterly

Medical Waste Program List
To protect public health and safety and the environment from potential exposure to disease causing agents, the Environmental Health Division Medical Waste Program regulates the generation, handling, storage, treatment and disposal of medical waste throughout the County.

Date of Government Version: 03/28/2016
Date Data Arrived at EDR: 04/29/2016
Date Made Active in Reports: 06/22/2016
Number of Days to Update: 54

Source: Ventura County Resource Management Agency
Telephone: 805-654-2813
Last EDR Contact: 04/25/2016
Next Scheduled EDR Contact: 08/08/2016
Data Release Frequency: Quarterly

Underground Tank Closed Sites List
Ventura County Operating Underground Storage Tank Sites (UST)/Underground Tank Closed Sites List.

Date of Government Version: 02/26/2016
Date Data Arrived at EDR: 03/17/2016
Date Made Active in Reports: 05/04/2016
Number of Days to Update: 48

Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 06/16/2016
Next Scheduled EDR Contact: 09/26/2016
Data Release Frequency: Quarterly

YOLO COUNTY:

Underground Storage Tank Comprehensive Facility Report
Underground storage tank sites located in Yolo county.

Date of Government Version: 04/12/2016
Date Data Arrived at EDR: 04/19/2016
Date Made Active in Reports: 06/01/2016
Number of Days to Update: 43

Source: Yolo County Department of Health
Telephone: 530-666-8646
Last EDR Contact: 04/04/2016
Next Scheduled EDR Contact: 07/18/2016
Data Release Frequency: Annually

YUBA COUNTY:

CUPA Facility List
CUPA facility listing for Yuba County.

Date of Government Version: 04/29/2016
Date Data Arrived at EDR: 05/03/2016
Date Made Active in Reports: 06/17/2016
Number of Days to Update: 45

Source: Yuba County Environmental Health Department
Telephone: 530-749-7523
Last EDR Contact: 04/29/2016
Next Scheduled EDR Contact: 08/15/2016
Data Release Frequency: Varies

OTHER DATABASE(S)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

CT MANIFEST: Hazardous Waste Manifest Data
Facility and manifest data. Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a tsd facility.

Date of Government Version: 07/30/2013
Date Data Arrived at EDR: 08/19/2013
Date Made Active in Reports: 10/03/2013
Number of Days to Update: 45

Source: Department of Energy & Environmental Protection
Telephone: 860-424-3375
Last EDR Contact: 05/13/2016
Next Scheduled EDR Contact: 08/29/2016
Data Release Frequency: No Update Planned

NJ MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2013
Date Data Arrived at EDR: 07/17/2015
Date Made Active in Reports: 08/12/2015
Number of Days to Update: 26

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 04/12/2016
Next Scheduled EDR Contact: 07/25/2016
Data Release Frequency: Annually

NY MANIFEST: Facility and Manifest Data
Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

Date of Government Version: 05/01/2016
Date Data Arrived at EDR: 05/06/2016
Date Made Active in Reports: 06/17/2016
Number of Days to Update: 42

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 05/06/2016
Next Scheduled EDR Contact: 08/15/2016
Data Release Frequency: Annually

PA MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2014
Date Data Arrived at EDR: 07/24/2015
Date Made Active in Reports: 08/18/2015
Number of Days to Update: 25

Source: Department of Environmental Protection
Telephone: 717-783-8990
Last EDR Contact: 04/18/2016
Next Scheduled EDR Contact: 08/01/2016
Data Release Frequency: Annually

RI MANIFEST: Manifest information
Hazardous waste manifest information

Date of Government Version: 12/31/2013
Date Data Arrived at EDR: 06/19/2015
Date Made Active in Reports: 07/15/2015
Number of Days to Update: 26

Source: Department of Environmental Management
Telephone: 401-222-2797
Last EDR Contact: 06/06/2016
Next Scheduled EDR Contact: 09/05/2016
Data Release Frequency: Annually

WI MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2015
Date Data Arrived at EDR: 04/14/2016
Date Made Active in Reports: 06/03/2016
Number of Days to Update: 50

Source: Department of Natural Resources
Telephone: N/A
Last EDR Contact: 06/13/2016
Next Scheduled EDR Contact: 09/26/2016
Data Release Frequency: Annually

Oil/Gas Pipelines
Source: PennWell Corporation
Petroleum Bundle (Crude Oil, Refined Products, Petrochemicals, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)) N = Natural Gas Bundle (Natural Gas, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)). This map includes information copyrighted by PennWell Corporation. This information is provided on a best effort basis and PennWell Corporation does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of PennWell.

Electric Power Transmission Line Data
Source: PennWell Corporation
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Sensitive Receptors: There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

AHA Hospitals:
Source: American Hospital Association, Inc.
Telephone: 312-280-5991
The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

Medical Centers: Provider of Services Listing
Source: Centers for Medicare & Medicaid Services
Telephone: 410-786-3000
A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

Nursing Homes
Source: National Institutes of Health
Telephone: 301-594-6248
Information on Medicare and Medicaid certified nursing homes in the United States.

Public Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

Private Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on private school locations in the United States.
Daycare Centers: Licensed Facilities
Source: Department of Social Services
Telephone: 916-657-4041

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 2003 & 2011 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetland Inventory
Source: Department of Fish & Game
Telephone: 916-445-0411

Current USGS 7.5 Minute Topographic Map
Source: U.S. Geological Survey

STREET AND ADDRESS INFORMATION

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GEOCHECK ®- PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

INFINEON BLOCK 2
330 KANSAS STREET
EL SEGUNDO, CA 90245

TARGET PROPERTY COORDINATES

Latitude (North):	33.920351 - 33° 55' 13.26''
Longitude (West):	118.399676 - 118° 23' 58.83''
Universal Tranverse Mercator:	Zone 11
UTM X (Meters):	370614.6
UTM Y (Meters):	3754012.5
Elevation:	120 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map:	5640438 VENICE, CA
Version Date:	2012

EDR's GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

Assessment of the impact of contaminant migration generally has two principal investigative components:

1. Groundwater flow direction, and
2. Groundwater flow velocity.

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW DIRECTION INFORMATION

Groundwater flow direction for a particular site is best determined by a qualified environmental professional using site-specific well data. If such data is not reasonably ascertainable, it may be necessary to rely on other sources of information, such as surface topographic information, hydrologic information, hydrogeologic data collected on nearby properties, and regional groundwater flow information (from deep aquifers).

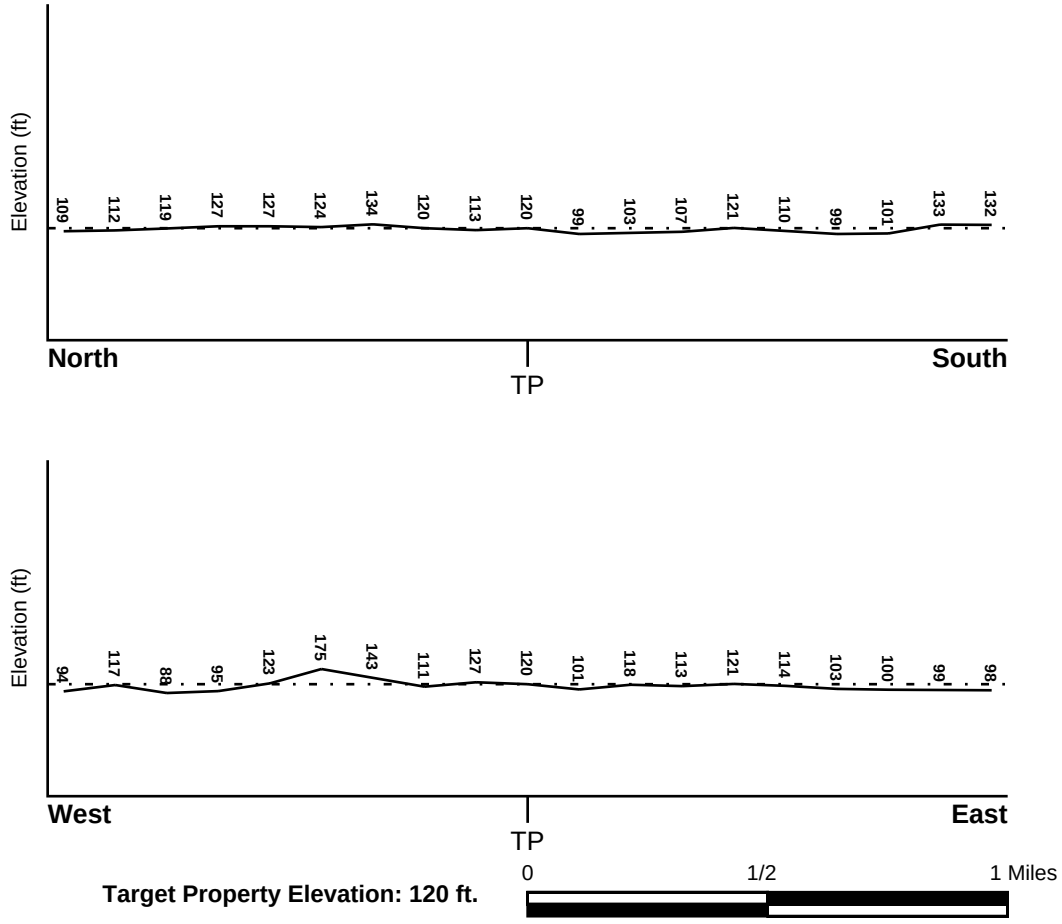
TOPOGRAPHIC INFORMATION

Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General SSW

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



Target Property Elevation: 120 ft.

Source: Topography has been determined from the USGS 7.5' Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

HYDROLOGIC INFORMATION

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

FEMA FLOOD ZONE

Target Property County	FEMA Flood Electronic Data
LOS ANGELES, CA	YES - refer to the Overview Map and Detail Map

Flood Plain Panel at Target Property: 06037C - FEMA DFIRM Flood data

Additional Panels in search area: Not Reported

NATIONAL WETLAND INVENTORY

NWI Quad at Target Property	NWI Electronic Data Coverage
VENICE	YES - refer to the Overview Map and Detail Map

HYDROGEOLOGIC INFORMATION

Hydrogeologic information obtained by installation of wells on a specific site can often be an indicator of groundwater flow direction in the immediate area. Such hydrogeologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Site-Specific Hydrogeological Data*:

Search Radius:	1.25 miles
Location Relative to TP:	1/8 - 1/4 Mile SSW
Site Name:	International Rectifier
Site EPA ID Number:	CAD076208313
Groundwater Flow Direction:	West
Inferred Depth to Water:	80 feet.
Hydraulic Connection:	Aquifers underlying the site are interconnected.
Sole Source Aquifer:	No information about a sole source aquifer is available
Data Quality:	Information is inferred in the CERCLIS investigation report(s)

AQUIFLOW®

Search Radius: 1.000 Mile.

EDR has developed the AQUIFLOW Information System to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted by environmental professionals to regulatory authorities at select sites and has extracted the date of the report, groundwater flow direction as determined hydrogeologically, and the depth to water table.

MAP ID	LOCATION FROM TP	GENERAL DIRECTION GROUNDWATER FLOW
1	1/2 - 1 Mile WSW	NW

For additional site information, refer to Physical Setting Source Map Findings.

* ©1996 Site--specific hydrogeological data gathered by CERCLIS Alerts, Inc., Bainbridge Island, WA. All rights reserved. All of the information and opinions presented are those of the cited EPA report(s), which were completed under a Comprehensive Environmental Response Compensation and Liability Information System (CERCLIS) investigation.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW VELOCITY INFORMATION

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

ROCK STRATIGRAPHIC UNIT

Era:	Cenozoic
System:	Quaternary
Series:	Quaternary
Code:	Q *(decoded above as Era, System & Series)*

GEOLOGIC AGE IDENTIFICATION

Category: Stratifed Sequence

Geologic Age and Rock Stratigraphic Unit Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - a digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps. The following information is based on Soil Conservation Service STATSGO data.

Soil Component Name:	DELHI
Soil Surface Texture:	sand
Hydrologic Group:	Class A - High infiltration rates. Soils are deep, well drained to excessively drained sands and gravels.
Soil Drainage Class:	Somewhat excessive. Soils have high hydraulic conductivity and low water holding capacity. Depth to water table is more than 6 feet.

Hydric Status: Soil does not meet the requirements for a hydric soil.

Corrosion Potential - Uncoated Steel:	MODERATE
Depth to Bedrock Min:	> 60 inches
Depth to Bedrock Max:	> 60 inches

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
	Boundary			Classification			
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil	Permeability Rate (in/hr)	Soil Reaction (pH)
1	0 inches	10 inches	sand	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Clean Sands, Poorly graded sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 20.00 Min: 6.00	Max: 7.80 Min: 6.10
2	10 inches	30 inches	sand	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Clean Sands, Poorly graded sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 20.00 Min: 6.00	Max: 7.80 Min: 6.10
3	30 inches	50 inches	loamy sand	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 20.00 Min: 6.00	Max: 7.80 Min: 6.10
4	50 inches	70 inches	sand	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Clean Sands, Poorly graded sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 20.00 Min: 6.00	Max: 7.80 Min: 6.10

OTHER SOIL TYPES IN AREA

Based on Soil Conservation Service STATSGO data, the following additional subordinant soil types may appear within the general area of target property.

Soil Surface Textures: coarse sand
silt loam
sandy loam
gravelly - sand
loamy sand
clay

Surficial Soil Types: coarse sand
silt loam
sandy loam
gravelly - sand
loamy sand

clay

Shallow Soil Types: fine sandy loam
gravelly - loam
sandy clay loam
sandy clay

Deeper Soil Types: coarse sand
silty clay loam
gravelly - fine sandy loam
stratified
gravelly - sandy loam
weathered bedrock
clay loam

LOCAL / REGIONAL WATER AGENCY RECORDS

EDR Local/Regional Water Agency records provide water well information to assist the environmental professional in assessing sources that may impact ground water flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

WELL SEARCH DISTANCE INFORMATION

DATABASE	SEARCH DISTANCE (miles)
Federal USGS	1.000
Federal FRDS PWS	Nearest PWS within 0.001 miles
State Database	1.000

FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
No Wells Found		

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
No PWS System Found		

Note: PWS System location is not always the same as well location.

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
No Wells Found		

OTHER STATE DATABASE INFORMATION

STATE OIL/GAS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
A1	CAOG11000205934	0 - 1/8 Mile SW

STATE OIL/GAS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
A2	CAOG11000205949	0 - 1/8 Mile ESE
3	CAOG11000205916	0 - 1/8 Mile North
B4	CAOG11000205948	0 - 1/8 Mile West
C5	CAOG11000205695	0 - 1/8 Mile South
C6	CAOG11000205693	1/8 - 1/4 Mile SSE
B7	CAOG11000205937	1/8 - 1/4 Mile West
8	CAOG11000205731	1/8 - 1/4 Mile NW
C9	CAOG11000190038	1/8 - 1/4 Mile South
C10	CAOG11000205941	1/8 - 1/4 Mile SSW
11	CAOG11000205945	1/8 - 1/4 Mile SE
D12	CAOG11000205947	1/8 - 1/4 Mile East
13	CAOG11000204707	1/8 - 1/4 Mile North
E14	CAOG11000205915	1/8 - 1/4 Mile SW
15	CAOG11000205924	1/8 - 1/4 Mile SSE
F16	CAOG11000205928	1/8 - 1/4 Mile SW
F17	CAOG11000205927	1/8 - 1/4 Mile SSW
D18	CAOG11000205703	1/4 - 1/2 Mile East
19	CAOG11000204933	1/4 - 1/2 Mile NNW
20	CAOG11000205919	1/4 - 1/2 Mile West
E21	CAOG11000205920	1/4 - 1/2 Mile WSW
22	CAOG11000205923	1/4 - 1/2 Mile SE
23	CAOG11000205701	1/4 - 1/2 Mile ESE
G24	CAOG11000205704	1/4 - 1/2 Mile ENE
F25	CAOG11000205940	1/4 - 1/2 Mile SW
G26	CAOG11000204501	1/4 - 1/2 Mile NE
27	CAOG11000205726	1/4 - 1/2 Mile South
28	CAOG11000205728	1/4 - 1/2 Mile SSW
29	CAOG11000205699	1/4 - 1/2 Mile SE
H30	CAOG11000189959	1/4 - 1/2 Mile WSW
31	CAOG11000205917	1/4 - 1/2 Mile West
32	CAOG11000205729	1/4 - 1/2 Mile SSW
33	CAOG11000205724	1/4 - 1/2 Mile SSE
H34	CAOG11000189958	1/4 - 1/2 Mile WSW
I35	CAOG11000205712	1/4 - 1/2 Mile ENE
J36	CAOG11000205730	1/4 - 1/2 Mile SSW
J37	CAOG11000200716	1/4 - 1/2 Mile South
K38	CAOG11000205694	1/4 - 1/2 Mile SE
39	CAOG11000205938	1/4 - 1/2 Mile WSW
I40	CAOG11000205705	1/4 - 1/2 Mile ENE
41	CAOG11000205725	1/4 - 1/2 Mile South
K42	CAOG11000205736	1/4 - 1/2 Mile SE
43	CAOG11000204762	1/4 - 1/2 Mile NW
L44	CAOG11000205719	1/4 - 1/2 Mile ENE
L45	CAOG11000205711	1/2 - 1 Mile ENE
L46	CAOG11000205718	1/2 - 1 Mile ENE
L47	CAOG11000205720	1/2 - 1 Mile ENE
M48	CAOG11000214025	1/2 - 1 Mile SW
49	CAOG11000205739	1/2 - 1 Mile SE
L50	CAOG11000214145	1/2 - 1 Mile ENE
L51	CAOG11000205723	1/2 - 1 Mile ENE
M52	CAOG11000214041	1/2 - 1 Mile SW
N53	CAOG11000205706	1/2 - 1 Mile East
N54	CAOG11000200714	1/2 - 1 Mile East
55	CAOG11000205737	1/2 - 1 Mile SSE
L56	CAOG11000205710	1/2 - 1 Mile ENE
L57	CAOG11000205717	1/2 - 1 Mile ENE

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

STATE OIL/GAS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
58	CAOG11000205918	1/2 - 1 Mile West
59	CAOG11000205951	1/2 - 1 Mile ESE
60	CAOG11000205734	1/2 - 1 Mile SE
O61	CAOG11000205935	1/2 - 1 Mile ESE
P62	CAOG11000205709	1/2 - 1 Mile East
63	CAOG11000205727	1/2 - 1 Mile SSE
Q64	CAOG11000200715	1/2 - 1 Mile East
P65	CAOG11000205722	1/2 - 1 Mile ENE
P66	CAOG11000200967	1/2 - 1 Mile East
67	CAOG11000205738	1/2 - 1 Mile SSE
Q68	CAOG11000205715	1/2 - 1 Mile East
P69	CAOG11000205713	1/2 - 1 Mile East
70	CAOG11000205946	1/2 - 1 Mile West
P71	CAOG11000215070	1/2 - 1 Mile ENE
R72	CAOG11000205716	1/2 - 1 Mile ESE
Q73	CAOG11000205700	1/2 - 1 Mile East
O74	CAOG11000202271	1/2 - 1 Mile ESE
Q75	CAOG11000214163	1/2 - 1 Mile East
Q76	CAOG11000205721	1/2 - 1 Mile East
R77	CAOG11000205691	1/2 - 1 Mile East
S78	CAOG11000205708	1/2 - 1 Mile ENE
R79	CAOG11000205698	1/2 - 1 Mile ESE
80	CAOG11000205936	1/2 - 1 Mile SE
S81	CAOG11000205714	1/2 - 1 Mile ENE
S82	CAOG11000205707	1/2 - 1 Mile ENE
83	CAOG11000205735	1/2 - 1 Mile SE
S84	CAOG11000205702	1/2 - 1 Mile ENE
85	CAOG11000205944	1/2 - 1 Mile East
T86	CAOG11000205943	1/2 - 1 Mile East
87	CAOG11000205697	1/2 - 1 Mile East
T88	CAOG11000205942	1/2 - 1 Mile ENE
U89	CAOG11000205929	1/2 - 1 Mile SE
90	CAOG11000202273	1/2 - 1 Mile ESE
91	CAOG11000205696	1/2 - 1 Mile ESE
92	CAOG11000205931	1/2 - 1 Mile SE
U93	CAOG11000202272	1/2 - 1 Mile SE
94	CAOG11000205741	1/2 - 1 Mile SSE
95	CAOG11000205932	1/2 - 1 Mile ESE
96	CAOG11000202274	1/2 - 1 Mile SE
97	CAOG11000205692	1/2 - 1 Mile WSW
98	CAOG11000200713	1/2 - 1 Mile ESE

PHYSICAL SETTING SOURCE MAP - 4656401.2s



- County Boundary
- Major Roads
- Contour Lines
- Earthquake Fault Lines
- Airports
- Earthquake epicenter, Richter 5 or greater
- Water Wells
- Public Water Supply Wells
- Cluster of Multiple Icons
- Groundwater Flow Direction
- GI Indeterminate Groundwater Flow at Location
- GV Groundwater Flow Varies at Location
- HD Closest Hydrogeological Data
- Oil, gas or related wells

SITE NAME:	Infineon Block 2	CLIENT:	ERM - West, Inc.
ADDRESS:	330 Kansas Street El Segundo CA 90245	CONTACT:	Maggie Tymkow
LAT/LONG:	33.920351 / 118.399676	INQUIRY #:	4656401.2s
		DATE:	June 23, 2016 4:20 pm

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GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID Direction Distance Elevation			Database	EDR ID Number
1 **WSW** **1/2 - 1 Mile** **Lower**	Site ID:	I-05008	**AQUIFLOW**	**70410**
	Groundwater Flow:	NW		
	Shallow Water Depth:	42.03		
	Deep Water Depth:	42.86		
	Average Water Depth:	Not Reported		
	Date:	04/15/1999		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance

Database EDR ID Number

A1
SW
0 - 1/8 Mile

OIL_GAS **CAOG11000205934**

District nun:	1	Api number:	03707582
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Block Oil Co.		
County name:	Los Angeles	Fieldname:	El Segundo
Area name:	Any Area	Section:	18
Township:	03S	Range:	14W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Block	Wellnumber:	21
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000205934		

A2
ESE
0 - 1/8 Mile

OIL_GAS **CAOG11000205949**

District nun:	1	Api number:	03707598
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	ExxonMobil Corporation		
County name:	Los Angeles	Fieldname:	El Segundo
Area name:	Any Area	Section:	12
Township:	03S	Range:	15W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Security	Wellnumber:	2
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000205949		

3
North
0 - 1/8 Mile

OIL_GAS **CAOG11000205916**

District nun:	1	Api number:	03707563
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Apex Petroleum Corporation, Ltd.		
County name:	Los Angeles	Fieldname:	El Segundo
Area name:	Any Area	Section:	12
Township:	03S	Range:	15W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Elsie	Wellnumber:	5
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000205916		

B4
West **OIL_GAS** **CAOG11000205948**
0 - 1/8 Mile

District nun:	1	Api number:	03707597
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	ExxonMobil Corporation		
County name:	Los Angeles	Fieldname:	El Segundo
Area name:	Any Area	Section:	12
Township:	03S	Range:	15W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Elsie	Wellnumber:	9-2
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000205948		

C5
South **OIL_GAS** **CAOG11000205695**
0 - 1/8 Mile

District nun:	1	Api number:	03707208
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	K. Sims		
County name:	Los Angeles	Fieldname:	El Segundo
Area name:	Any Area	Section:	12
Township:	03S	Range:	15W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		

Comments:	Not Reported		
Leasename:	Copinger-Wallace	Wellnumber:	2
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000205695		

C6
SSE **OIL_GAS** **CAOG11000205693**
1/8 - 1/4 Mile

District nun:	1	Api number:	03707206
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Ruchti Petro. Co., Inc.		
County name:	Los Angeles	Fieldname:	El Segundo
Area name:	Any Area	Section:	12
Township:	03S	Range:	15W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Not Reported	Wellnumber:	4
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000205693		

B7
West **OIL_GAS** **CAOG11000205937**
1/8 - 1/4 Mile

District nun:	1	Api number:	03707585
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Briles Manufacturing		
County name:	Los Angeles	Fieldname:	El Segundo
Area name:	Any Area	Section:	12
Township:	03S	Range:	15W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Block	Wellnumber:	12
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000205937		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance

Database EDR ID Number

8
NW
1/8 - 1/4 Mile

OIL_GAS **CAOG11000205731**

District nun:	1	Api number:	03707246
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	The Termo Company		
County name:	Los Angeles	Fieldname:	El Segundo
Area name:	Any Area	Section:	12
Township:	03S	Range:	15W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Termo-Elsie	Wellnumber:	2
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000205731		

C9
South
1/8 - 1/4 Mile

OIL_GAS **CAOG11000190038**

District nun:	1	Api number:	03707594
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Signal Hill Petroleum, Inc.		
County name:	Los Angeles	Fieldname:	El Segundo
Area name:	Any Area	Section:	12
Township:	03S	Range:	15W
Base meridian:	SB	Elevation:	114.948
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	23201069.ssf		
Leasename:	Elsie Comm.	Wellnumber:	1
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000190038		

C10
SSW
1/8 - 1/4 Mile

OIL_GAS **CAOG11000205941**

District nun:	1	Api number:	03707589
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	El Segundo Oil Corp.		
County name:	Los Angeles	Fieldname:	El Segundo
Area name:	Any Area	Section:	12
Township:	03S	Range:	15W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Grauman-Wallace	Wellnumber:	1
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000205941		

11
SE **OIL_GAS** **CAOG11000205945**
1/8 - 1/4 Mile

District nun:	1	Api number:	03707593
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Government Refining & Gasoline Corp.Ltd.		
County name:	Los Angeles	Fieldname:	El Segundo
Area name:	Any Area	Section:	12
Township:	03S	Range:	15W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Ramsey-Wallace	Wellnumber:	1
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000205945		

D12
East **OIL_GAS** **CAOG11000205947**
1/8 - 1/4 Mile

District nun:	1	Api number:	03707596
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	ExxonMobil Corporation		
County name:	Los Angeles	Fieldname:	El Segundo
Area name:	Any Area	Section:	12
Township:	03S	Range:	15W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		

Comments:	Not Reported		
Leasename:	Elsie	Wellnumber:	2-1
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000205947		

13
North
1/8 - 1/4 Mile

OIL_GAS **CAOG11000204707**

District nun:	1	Api number:	03705485
Blm well:	N	Redrill can:	Not Reported
Dryhole:	Y	Well status:	P
Operator name:	Howard Oil Co., Inc.		
County name:	Los Angeles	Fieldname:	Any Field
Area name:	Any Area	Section:	12
Township:	03S	Range:	15W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Mary	Wellnumber:	1
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	PDH
Site id:	CAOG11000204707		

E14
SW
1/8 - 1/4 Mile

OIL_GAS **CAOG11000205915**

District nun:	1	Api number:	03707562
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Apex Petroleum Corporation, Ltd.		
County name:	Los Angeles	Fieldname:	El Segundo
Area name:	Any Area	Section:	12
Township:	03S	Range:	15W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Converse	Wellnumber:	1
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000205915		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance

Database EDR ID Number

15
SSE **OIL_GAS** **CAOG11000205924**
1/8 - 1/4 Mile

District nun:	1	Api number:	03707572
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Atlantic Richfield Company		
County name:	Los Angeles	Fieldname:	El Segundo
Area name:	Any Area	Section:	12
Township:	03S	Range:	15W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Elsie	Wellnumber:	2
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000205924		

F16
SW **OIL_GAS** **CAOG11000205928**
1/8 - 1/4 Mile

District nun:	1	Api number:	03707576
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Atlantic Richfield Company		
County name:	Los Angeles	Fieldname:	El Segundo
Area name:	Any Area	Section:	12
Township:	03S	Range:	15W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Mccray	Wellnumber:	2
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000205928		

F17
SSW **OIL_GAS** **CAOG11000205927**
1/8 - 1/4 Mile

District nun:	1	Api number:	03707575
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Atlantic Richfield Company		
County name:	Los Angeles	Fieldname:	El Segundo
Area name:	Any Area	Section:	12
Township:	03S	Range:	15W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Mccray	Wellnumber:	1
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000205927		

D18
East **OIL_GAS** **CAOG11000205703**
1/4 - 1/2 Mile

District nun:	1	Api number:	03707216
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Chevron U.S.A. Inc.		
County name:	Los Angeles	Fieldname:	El Segundo
Area name:	Any Area	Section:	7
Township:	03S	Range:	14W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Gough	Wellnumber:	9
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000205703		

19
NNW **OIL_GAS** **CAOG11000204933**
1/4 - 1/2 Mile

District nun:	1	Api number:	03705802
Blm well:	N	Redrill can:	Not Reported
Dryhole:	Y	Well status:	P
Operator name:	George R. Rider		
County name:	Los Angeles	Fieldname:	Any Field
Area name:	Any Area	Section:	12
Township:	03S	Range:	15W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		

Comments:	Not Reported		
Leasename:	Not Reported	Wellnumber:	1
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	PDH
Site id:	CAOG11000204933		

20
West
1/4 - 1/2 Mile

OIL_GAS **CAOG11000205919**

District nun:	1	Api number:	03707566
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	El Segundo Oil Co.		
County name:	Los Angeles	Fieldname:	El Segundo
Area name:	Any Area	Section:	12
Township:	03S	Range:	15W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	El Segundo	Wellnumber:	3
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000205919		

E21
WSW
1/4 - 1/2 Mile

OIL_GAS **CAOG11000205920**

District nun:	1	Api number:	03707567
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Silver Wing Oil Co.		
County name:	Los Angeles	Fieldname:	El Segundo
Area name:	Any Area	Section:	12
Township:	03S	Range:	15W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Guaranty-Wallace	Wellnumber:	1
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000205920		

Map ID
Direction
Distance

Database EDR ID Number

22
SE
1/4 - 1/2 Mile

OIL_GAS **CAOG11000205923**

District nun:	1	Api number:	03707571
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Atlantic Richfield Company		
County name:	Los Angeles	Fieldname:	El Segundo
Area name:	Any Area	Section:	12
Township:	03S	Range:	15W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Elsie	Wellnumber:	1
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000205923		

23
ESE
1/4 - 1/2 Mile

OIL_GAS **CAOG11000205701**

District nun:	1	Api number:	03707214
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Chevron U.S.A. Inc.		
County name:	Los Angeles	Fieldname:	El Segundo
Area name:	Any Area	Section:	7
Township:	03S	Range:	14W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Gough	Wellnumber:	7
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000205701		

G24
ENE
1/4 - 1/2 Mile

OIL_GAS **CAOG11000205704**

District nun:	1	Api number:	03707217
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Chevron U.S.A. Inc.		
County name:	Los Angeles	Fieldname:	El Segundo
Area name:	Any Area	Section:	7
Township:	03S	Range:	14W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Gough	Wellnumber:	10
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000205704		

F25
SW **OIL_GAS** **CAOG11000205940**
1/4 - 1/2 Mile

District nun:	1	Api number:	03707588
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	El Segundo Oil Co.		
County name:	Los Angeles	Fieldname:	El Segundo
Area name:	Any Area	Section:	12
Township:	03S	Range:	15W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	El Segundo	Wellnumber:	4
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000205940		

G26
NE **OIL_GAS** **CAOG11000204501**
1/4 - 1/2 Mile

District nun:	1	Api number:	03705175
Blm well:	N	Redrill can:	Not Reported
Dryhole:	Y	Well status:	P
Operator name:	Atlantic Richfield Company		
County name:	Los Angeles	Fieldname:	Any Field
Area name:	Any Area	Section:	7
Township:	03S	Range:	14W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		

Comments:	Not Reported		
Leasename:	Santa Fe B	Wellnumber:	1
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	PDH
Site id:	CAOG11000204501		

27
South **OIL_GAS** **CAOG11000205726**
1/4 - 1/2 Mile

District nun:	1	Api number:	03707239
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Chevron U.S.A. Inc.		
County name:	Los Angeles	Fieldname:	El Segundo
Area name:	Any Area	Section:	13
Township:	03S	Range:	15W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Refinery	Wellnumber:	3
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000205726		

28
SSW **OIL_GAS** **CAOG11000205728**
1/4 - 1/2 Mile

District nun:	1	Api number:	03707241
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Chevron U.S.A. Inc.		
County name:	Los Angeles	Fieldname:	El Segundo
Area name:	Any Area	Section:	13
Township:	03S	Range:	15W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Refinery	Wellnumber:	5
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000205728		

Map ID
Direction
Distance

Database EDR ID Number

29
SE
1/4 - 1/2 Mile

OIL_GAS **CAOG11000205699**

District nun:	1	Api number:	03707212
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Chevron U.S.A. Inc.		
County name:	Los Angeles	Fieldname:	El Segundo
Area name:	Any Area	Section:	7
Township:	03S	Range:	14W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Gough	Wellnumber:	4
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000205699		

H30
WSW
1/4 - 1/2 Mile

OIL_GAS **CAOG11000189959**

District nun:	1	Api number:	03707245
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	El Segundo Oil, LLC		
County name:	Los Angeles	Fieldname:	El Segundo
Area name:	Any Area	Section:	12
Township:	03S	Range:	15W
Base meridian:	SB	Elevation:	97.945
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	23201069.ssf		
Leasename:	El Segundo	Wellnumber:	2
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000189959		

31
West
1/4 - 1/2 Mile

OIL_GAS **CAOG11000205917**

District nun:	1	Api number:	03707564
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Apex Petroleum Corporation, Ltd.		
County name:	Los Angeles	Fieldname:	El Segundo
Area name:	Any Area	Section:	12
Township:	03S	Range:	15W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Elsie Community	Wellnumber:	3
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000205917		

32
SSW **OIL_GAS** **CAOG11000205729**
1/4 - 1/2 Mile

District nun:	1	Api number:	03707242
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Chevron U.S.A. Inc.		
County name:	Los Angeles	Fieldname:	El Segundo
Area name:	Any Area	Section:	13
Township:	03S	Range:	15W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Refinery	Wellnumber:	7
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000205729		

33
SSE **OIL_GAS** **CAOG11000205724**
1/4 - 1/2 Mile

District nun:	1	Api number:	03707237
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Chevron U.S.A. Inc.		
County name:	Los Angeles	Fieldname:	El Segundo
Area name:	Any Area	Section:	13
Township:	03S	Range:	15W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		

Comments:	Not Reported		
Leasename:	Refinery	Wellnumber:	1
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000205724		

H34
WSW **OIL_GAS** **CAOG11000189958**
1/4 - 1/2 Mile

District nun:	1	Api number:	03707244
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	El Segundo Oil, LLC		
County name:	Los Angeles	Fieldname:	El Segundo
Area name:	Any Area	Section:	12
Township:	03S	Range:	15W
Base meridian:	SB	Elevation:	116.742
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	23201069.ssf		
Leasename:	El Segundo	Wellnumber:	1
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000189958		

I35
ENE **OIL_GAS** **CAOG11000205712**
1/4 - 1/2 Mile

District nun:	1	Api number:	03707225
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Chevron U.S.A. Inc.		
County name:	Los Angeles	Fieldname:	El Segundo
Area name:	Any Area	Section:	7
Township:	03S	Range:	14W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Gough	Wellnumber:	19
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	PDG
Site id:	CAOG11000205712		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance

Database EDR ID Number

J36
SSW **OIL_GAS** **CAOG11000205730**
1/4 - 1/2 Mile

District nun:	1	Api number:	03707243
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Chevron U.S.A. Inc.		
County name:	Los Angeles	Fieldname:	El Segundo
Area name:	Any Area	Section:	13
Township:	03S	Range:	15W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Refinery	Wellnumber:	8
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000205730		

J37
South **OIL_GAS** **CAOG11000200716**
1/4 - 1/2 Mile

District nun:	1	Api number:	03700182
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Chevron U.S.A. Inc.		
County name:	Los Angeles	Fieldname:	El Segundo
Area name:	Any Area	Section:	13
Township:	03S	Range:	15W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Refinery	Wellnumber:	6
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000200716		

K38
SE **OIL_GAS** **CAOG11000205694**
1/4 - 1/2 Mile

District nun:	1	Api number:	03707207
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Shell Western Exploration & Production Inc.		
County name:	Los Angeles	Fieldname:	El Segundo
Area name:	Any Area	Section:	18
Township:	03S	Range:	14W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Fortuna	Wellnumber:	1
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	PDH
Site id:	CAOG11000205694		

39
WSW **OIL_GAS** **CAOG11000205938**
1/4 - 1/2 Mile

District nun:	1	Api number:	03707586
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Conoco Inc.		
County name:	Los Angeles	Fieldname:	El Segundo
Area name:	Any Area	Section:	12
Township:	03S	Range:	15W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Elsie Community	Wellnumber:	4
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000205938		

I40
ENE **OIL_GAS** **CAOG11000205705**
1/4 - 1/2 Mile

District nun:	1	Api number:	03707218
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Chevron U.S.A. Inc.		
County name:	Los Angeles	Fieldname:	El Segundo
Area name:	Any Area	Section:	7
Township:	03S	Range:	14W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		

Comments:	Not Reported		
Leasename:	Gough	Wellnumber:	11
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000205705		

41
South **OIL_GAS** **CAOG11000205725**
1/4 - 1/2 Mile

District nun:	1	Api number:	03707238
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Chevron U.S.A. Inc.		
County name:	Los Angeles	Fieldname:	El Segundo
Area name:	Any Area	Section:	13
Township:	03S	Range:	15W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Refinery	Wellnumber:	2
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000205725		

K42
SE **OIL_GAS** **CAOG11000205736**
1/4 - 1/2 Mile

District nun:	1	Api number:	03707251
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Chevron U.S.A. Inc.		
County name:	Los Angeles	Fieldname:	El Segundo
Area name:	Any Area	Section:	18
Township:	03S	Range:	14W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Security	Wellnumber:	3
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000205736		

Map ID
Direction
Distance

Database EDR ID Number

43
NW
1/4 - 1/2 Mile

OIL_GAS **CAOG11000204762**

District nun:	1	Api number:	03705566
Blm well:	N	Redrill can:	Not Reported
Dryhole:	Y	Well status:	P
Operator name:	Larco Oil Co.		
County name:	Los Angeles	Fieldname:	Any Field
Area name:	Any Area	Section:	12
Township:	03S	Range:	15W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Van	Wellnumber:	1
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	PDH
Site id:	CAOG11000204762		

L44
ENE
1/4 - 1/2 Mile

OIL_GAS **CAOG11000205719**

District nun:	1	Api number:	03707232
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Chevron U.S.A. Inc.		
County name:	Los Angeles	Fieldname:	El Segundo
Area name:	Any Area	Section:	7
Township:	03S	Range:	14W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Gough	Wellnumber:	27
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	PDG
Site id:	CAOG11000205719		

L45
ENE
1/2 - 1 Mile

OIL_GAS **CAOG11000205711**

District nun:	1	Api number:	03707224
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Chevron U.S.A. Inc.		
County name:	Los Angeles	Fieldname:	El Segundo
Area name:	Any Area	Section:	7
Township:	03S	Range:	14W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Gough	Wellnumber:	18
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	PDG
Site id:	CAOG11000205711		

L46
ENE **OIL_GAS** **CAOG11000205718**
1/2 - 1 Mile

District nun:	1	Api number:	03707231
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Chevron U.S.A. Inc.		
County name:	Los Angeles	Fieldname:	El Segundo
Area name:	Any Area	Section:	7
Township:	03S	Range:	14W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Gough	Wellnumber:	26
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	PDG
Site id:	CAOG11000205718		

L47
ENE **OIL_GAS** **CAOG11000205720**
1/2 - 1 Mile

District nun:	1	Api number:	03707233
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Chevron U.S.A. Inc.		
County name:	Los Angeles	Fieldname:	El Segundo
Area name:	Any Area	Section:	7
Township:	03S	Range:	14W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		

Comments:	Not Reported		
Leasename:	Gough	Wellnumber:	29
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	PDG
Site id:	CAOG11000205720		

M48
SW
1/2 - 1 Mile

OIL_GAS **CAOG11000214025**

District nun:	1	Api number:	03720213
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Chevron U.S.A. Inc.		
County name:	Los Angeles	Fieldname:	El Segundo
Area name:	Any Area	Section:	13
Township:	03S	Range:	15W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Refinery	Wellnumber:	9
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000214025		

49
SE
1/2 - 1 Mile

OIL_GAS **CAOG11000205739**

District nun:	1	Api number:	03707254
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Chevron U.S.A. Inc.		
County name:	Los Angeles	Fieldname:	El Segundo
Area name:	Any Area	Section:	18
Township:	03S	Range:	14W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Security	Wellnumber:	6
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000205739		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance

Database EDR ID Number

L50
ENE
1/2 - 1 Mile

OIL_GAS **CAOG11000214145**

District nun:	1	Api number:	03720612
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Chevron U.S.A. Inc.		
County name:	Los Angeles	Fieldname:	El Segundo
Area name:	Any Area	Section:	7
Township:	03S	Range:	14W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Gough	Wellnumber:	33
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Directionally drilled	Gissymbol:	POG
Site id:	CAOG11000214145		

L51
ENE
1/2 - 1 Mile

OIL_GAS **CAOG11000205723**

District nun:	1	Api number:	03707236
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Chevron U.S.A. Inc.		
County name:	Los Angeles	Fieldname:	El Segundo
Area name:	Any Area	Section:	7
Township:	03S	Range:	14W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Gough	Wellnumber:	32
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Directionally drilled	Gissymbol:	PDH
Site id:	CAOG11000205723		

M52
SW
1/2 - 1 Mile

OIL_GAS **CAOG11000214041**

District nun:	1	Api number:	03720294
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Chevron U.S.A. Inc.		
County name:	Los Angeles	Fieldname:	El Segundo
Area name:	Any Area	Section:	13
Township:	03S	Range:	15W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Refinery	Wellnumber:	11
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	PDH
Site id:	CAOG11000214041		

N53
East **OIL_GAS** **CAOG11000205706**
1/2 - 1 Mile

District nun:	1	Api number:	03707219
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Chevron U.S.A. Inc.		
County name:	Los Angeles	Fieldname:	El Segundo
Area name:	Any Area	Section:	7
Township:	03S	Range:	14W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Gough	Wellnumber:	12
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000205706		

N54
East **OIL_GAS** **CAOG11000200714**
1/2 - 1 Mile

District nun:	1	Api number:	03700180
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Chevron U.S.A. Inc.		
County name:	Los Angeles	Fieldname:	El Segundo
Area name:	Any Area	Section:	7
Township:	03S	Range:	14W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		

Comments:	Not Reported		
Leasename:	Gough	Wellnumber:	17
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	PDG
Site id:	CAOG11000200714		

55
SSE **OIL_GAS** **CAOG11000205737**
1/2 - 1 Mile

District nun:	1	Api number:	03707252
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Chevron U.S.A. Inc.		
County name:	Los Angeles	Fieldname:	El Segundo
Area name:	Any Area	Section:	18
Township:	03S	Range:	14W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Security	Wellnumber:	4
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000205737		

L56
ENE **OIL_GAS** **CAOG11000205710**
1/2 - 1 Mile

District nun:	1	Api number:	03707223
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Chevron U.S.A. Inc.		
County name:	Los Angeles	Fieldname:	El Segundo
Area name:	Any Area	Section:	7
Township:	03S	Range:	14W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Gough	Wellnumber:	16
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	PDG
Site id:	CAOG11000205710		

Map ID
Direction
Distance

Database EDR ID Number

L57
ENE
1/2 - 1 Mile

OIL_GAS **CAOG11000205717**

District nun:	1	Api number:	03707230
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Chevron U.S.A. Inc.		
County name:	Los Angeles	Fieldname:	El Segundo
Area name:	Any Area	Section:	7
Township:	03S	Range:	14W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Gough	Wellnumber:	25
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	PDG
Site id:	CAOG11000205717		

58
West
1/2 - 1 Mile

OIL_GAS **CAOG11000205918**

District nun:	1	Api number:	03707565
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Apex Petroleum Corporation, Ltd.		
County name:	Los Angeles	Fieldname:	El Segundo
Area name:	Any Area	Section:	12
Township:	03S	Range:	15W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Elsie Community	Wellnumber:	6
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000205918		

59
ESE
1/2 - 1 Mile

OIL_GAS **CAOG11000205951**

District nun:	1	Api number:	03707600
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Marathon Oil Company		
County name:	Los Angeles	Fieldname:	El Segundo
Area name:	Any Area	Section:	7
Township:	03S	Range:	14W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	A. S. Gough	Wellnumber:	1
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000205951		

60
SE **OIL_GAS** **CAOG11000205734**
1/2 - 1 Mile

District nun:	1	Api number:	03707249
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Chevron U.S.A. Inc.		
County name:	Los Angeles	Fieldname:	El Segundo
Area name:	Any Area	Section:	18
Township:	03S	Range:	14W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Security	Wellnumber:	1
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000205734		

O61
ESE **OIL_GAS** **CAOG11000205935**
1/2 - 1 Mile

District nun:	1	Api number:	03707583
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Block Oil Co.		
County name:	Los Angeles	Fieldname:	El Segundo
Area name:	Any Area	Section:	18
Township:	03S	Range:	14W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		

Comments:	Not Reported		
Leasename:	Republic-El Segundo	Wellnumber:	2
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000205935		

P62
East
1/2 - 1 Mile

OIL_GAS **CAOG11000205709**

District nun:	1	Api number:	03707222
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Chevron U.S.A. Inc.		
County name:	Los Angeles	Fieldname:	El Segundo
Area name:	Any Area	Section:	7
Township:	03S	Range:	14W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Gough	Wellnumber:	15
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	PDG
Site id:	CAOG11000205709		

63
SSE
1/2 - 1 Mile

OIL_GAS **CAOG11000205727**

District nun:	1	Api number:	03707240
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Chevron U.S.A. Inc.		
County name:	Los Angeles	Fieldname:	El Segundo
Area name:	Any Area	Section:	13
Township:	03S	Range:	15W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Refinery	Wellnumber:	4
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000205727		

Map ID
Direction
Distance

Database EDR ID Number

Q64
East
1/2 - 1 Mile

OIL_GAS **CAOG11000200715**

District nun:	1	Api number:	03700181
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Chevron U.S.A. Inc.		
County name:	Los Angeles	Fieldname:	El Segundo
Area name:	Any Area	Section:	7
Township:	03S	Range:	14W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Gough	Wellnumber:	28
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	PDG
Site id:	CAOG11000200715		

P65
ENE
1/2 - 1 Mile

OIL_GAS **CAOG11000205722**

District nun:	1	Api number:	03707235
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Chevron U.S.A. Inc.		
County name:	Los Angeles	Fieldname:	El Segundo
Area name:	Any Area	Section:	7
Township:	03S	Range:	14W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Gough	Wellnumber:	31
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	PDG
Site id:	CAOG11000205722		

P66
East
1/2 - 1 Mile

OIL_GAS **CAOG11000200967**

District nun:	1	Api number:	03700874
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Chevron U.S.A. Inc.		
County name:	Los Angeles	Fieldname:	El Segundo
Area name:	Any Area	Section:	7
Township:	03S	Range:	14W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Gough	Wellnumber:	6
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000200967		

67
SSE **OIL_GAS** **CAOG11000205738**
1/2 - 1 Mile

District nun:	1	Api number:	03707253
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Chevron U.S.A. Inc.		
County name:	Los Angeles	Fieldname:	El Segundo
Area name:	Any Area	Section:	18
Township:	03S	Range:	14W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Security	Wellnumber:	5
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000205738		

Q68
East **OIL_GAS** **CAOG11000205715**
1/2 - 1 Mile

District nun:	1	Api number:	03707228
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Chevron U.S.A. Inc.		
County name:	Los Angeles	Fieldname:	El Segundo
Area name:	Any Area	Section:	7
Township:	03S	Range:	14W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		

Comments:	Not Reported		
Leasename:	Gough	Wellnumber:	22
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	PLG
Site id:	CAOG11000205715		

P69
East
1/2 - 1 Mile

OIL_GAS **CAOG11000205713**

District nun:	1	Api number:	03707226
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Chevron U.S.A. Inc.		
County name:	Los Angeles	Fieldname:	El Segundo
Area name:	Any Area	Section:	7
Township:	03S	Range:	14W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Gough	Wellnumber:	20
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	PDG
Site id:	CAOG11000205713		

70
West
1/2 - 1 Mile

OIL_GAS **CAOG11000205946**

District nun:	1	Api number:	03707595
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	ExxonMobil Corporation		
County name:	Los Angeles	Fieldname:	El Segundo
Area name:	Any Area	Section:	12
Township:	03S	Range:	15W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	El Segundo Construction Co.	Wellnumber:	1
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	PDH
Site id:	CAOG11000205946		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance

Database EDR ID Number

P71
ENE
1/2 - 1 Mile

OIL_GAS **CAOG11000215070**

District nun:	1	Api number:	03723168
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Chevron U.S.A. Inc.		
County name:	Los Angeles	Fieldname:	El Segundo
Area name:	Any Area	Section:	7
Township:	03S	Range:	14W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Gough	Wellnumber:	35
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Directionally drilled	Gissymbol:	POG
Site id:	CAOG11000215070		

R72
ESE
1/2 - 1 Mile

OIL_GAS **CAOG11000205716**

District nun:	1	Api number:	03707229
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Chevron U.S.A. Inc.		
County name:	Los Angeles	Fieldname:	El Segundo
Area name:	Any Area	Section:	7
Township:	03S	Range:	14W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Gough	Wellnumber:	23
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	PLG
Site id:	CAOG11000205716		

Q73
East
1/2 - 1 Mile

OIL_GAS **CAOG11000205700**

District nun:	1	Api number:	03707213
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Chevron U.S.A. Inc.		
County name:	Los Angeles	Fieldname:	El Segundo
Area name:	Any Area	Section:	7
Township:	03S	Range:	14W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Gough	Wellnumber:	5
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000205700		

O74
ESE **OIL_GAS** **CAOG11000202271**
1/2 - 1 Mile

District nun:	1	Api number:	03702332
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Chevron U.S.A. Inc.		
County name:	Los Angeles	Fieldname:	El Segundo
Area name:	Any Area	Section:	18
Township:	03S	Range:	14W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Block	Wellnumber:	13
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000202271		

Q75
East **OIL_GAS** **CAOG11000214163**
1/2 - 1 Mile

District nun:	1	Api number:	03720650
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Chevron U.S.A. Inc.		
County name:	Los Angeles	Fieldname:	El Segundo
Area name:	Any Area	Section:	7
Township:	03S	Range:	14W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		

Comments:	Not Reported		
Leasename:	Gough	Wellnumber:	34
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	PLG
Site id:	CAOG11000214163		

Q76
East
1/2 - 1 Mile

OIL_GAS **CAOG11000205721**

District nun:	1	Api number:	03707234
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Chevron U.S.A. Inc.		
County name:	Los Angeles	Fieldname:	El Segundo
Area name:	Any Area	Section:	7
Township:	03S	Range:	14W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Gough	Wellnumber:	30
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	PDG
Site id:	CAOG11000205721		

R77
East
1/2 - 1 Mile

OIL_GAS **CAOG11000205691**

District nun:	1	Api number:	03707201
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Marathon Oil Company		
County name:	Los Angeles	Fieldname:	El Segundo
Area name:	Any Area	Section:	7
Township:	03S	Range:	14W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	A. S. Gough	Wellnumber:	3
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	PDH
Site id:	CAOG11000205691		

Map ID
Direction
Distance

Database EDR ID Number

S78
ENE
1/2 - 1 Mile

OIL_GAS **CAOG11000205708**

District nun:	1	Api number:	03707221
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Chevron U.S.A. Inc.		
County name:	Los Angeles	Fieldname:	El Segundo
Area name:	Any Area	Section:	7
Township:	03S	Range:	14W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Gough	Wellnumber:	14
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	PDG
Site id:	CAOG11000205708		

R79
ESE
1/2 - 1 Mile

OIL_GAS **CAOG11000205698**

District nun:	1	Api number:	03707211
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Chevron U.S.A. Inc.		
County name:	Los Angeles	Fieldname:	El Segundo
Area name:	Any Area	Section:	7
Township:	03S	Range:	14W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Gough	Wellnumber:	2
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000205698		

80
SE
1/2 - 1 Mile

OIL_GAS **CAOG11000205936**

District nun:	1	Api number:	03707584
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Block Oil Co.		
County name:	Los Angeles	Fieldname:	El Segundo
Area name:	Any Area	Section:	18
Township:	03S	Range:	14W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Republic-El Segundo	Wellnumber:	8
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000205936		

S81
ENE **OIL_GAS** **CAOG11000205714**
1/2 - 1 Mile

District nun:	1	Api number:	03707227
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Chevron U.S.A. Inc.		
County name:	Los Angeles	Fieldname:	El Segundo
Area name:	Any Area	Section:	7
Township:	03S	Range:	14W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Gough	Wellnumber:	21
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	PLG
Site id:	CAOG11000205714		

S82
ENE **OIL_GAS** **CAOG11000205707**
1/2 - 1 Mile

District nun:	1	Api number:	03707220
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Chevron U.S.A. Inc.		
County name:	Los Angeles	Fieldname:	El Segundo
Area name:	Any Area	Section:	7
Township:	03S	Range:	14W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		

Comments:	Not Reported		
Leasename:	Gough	Wellnumber:	13
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	PDG
Site id:	CAOG11000205707		

83
SE **OIL_GAS** **CAOG11000205735**
1/2 - 1 Mile

District nun:	1	Api number:	03707250
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Chevron U.S.A. Inc.		
County name:	Los Angeles	Fieldname:	El Segundo
Area name:	Any Area	Section:	18
Township:	03S	Range:	14W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Security	Wellnumber:	2
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000205735		

S84
ENE **OIL_GAS** **CAOG11000205702**
1/2 - 1 Mile

District nun:	1	Api number:	03707215
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Chevron U.S.A. Inc.		
County name:	Los Angeles	Fieldname:	El Segundo
Area name:	Any Area	Section:	7
Township:	03S	Range:	14W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Gough	Wellnumber:	8
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	PLG
Site id:	CAOG11000205702		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance

Database EDR ID Number

85
East
1/2 - 1 Mile

OIL_GAS **CAOG11000205944**

District nun:	1	Api number:	03707592
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Chevron U.S.A. Inc.		
County name:	Los Angeles	Fieldname:	El Segundo
Area name:	Any Area	Section:	7
Township:	03S	Range:	14W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Goodwin	Wellnumber:	1
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000205944		

T86
East
1/2 - 1 Mile

OIL_GAS **CAOG11000205943**

District nun:	1	Api number:	03707591
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Chevron U.S.A. Inc.		
County name:	Los Angeles	Fieldname:	El Segundo
Area name:	Any Area	Section:	7
Township:	03S	Range:	14W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	E.S.	Wellnumber:	1-A
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000205943		

87
East
1/2 - 1 Mile

OIL_GAS **CAOG11000205697**

District nun:	1	Api number:	03707210
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Chevron U.S.A. Inc.		
County name:	Los Angeles	Fieldname:	El Segundo
Area name:	Any Area	Section:	7
Township:	03S	Range:	14W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Buffington	Wellnumber:	2
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000205697		

T88
ENE **OIL_GAS** **CAOG11000205942**
1/2 - 1 Mile

District nun:	1	Api number:	03707590
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Chevron U.S.A. Inc.		
County name:	Los Angeles	Fieldname:	El Segundo
Area name:	Any Area	Section:	7
Township:	03S	Range:	14W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	E.S.	Wellnumber:	1
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	PDH
Site id:	CAOG11000205942		

U89
SE **OIL_GAS** **CAOG11000205929**
1/2 - 1 Mile

District nun:	1	Api number:	03707577
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Atlantic Richfield Company		
County name:	Los Angeles	Fieldname:	El Segundo
Area name:	Any Area	Section:	18
Township:	03S	Range:	14W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		

Comments:	Not Reported		
Leasename:	Republic	Wellnumber:	1
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000205929		

90
ESE **OIL_GAS** **CAOG11000202273**
1/2 - 1 Mile

District nun:	1	Api number:	03702334
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Chevron U.S.A. Inc.		
County name:	Los Angeles	Fieldname:	El Segundo
Area name:	Any Area	Section:	18
Township:	03S	Range:	14W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Block	Wellnumber:	16
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000202273		

91
ESE **OIL_GAS** **CAOG11000205696**
1/2 - 1 Mile

District nun:	1	Api number:	03707209
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Chevron U.S.A. Inc.		
County name:	Los Angeles	Fieldname:	El Segundo
Area name:	Any Area	Section:	7
Township:	03S	Range:	14W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Buffington	Wellnumber:	1
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	PDH
Site id:	CAOG11000205696		

Map ID
Direction
Distance

Database EDR ID Number

92
SE
1/2 - 1 Mile

OIL_GAS **CAOG11000205931**

District nun:	1	Api number:	03707579
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Block Oil Co.		
County name:	Los Angeles	Fieldname:	El Segundo
Area name:	Any Area	Section:	18
Township:	03S	Range:	14W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Block	Wellnumber:	14
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000205931		

U93
SE
1/2 - 1 Mile

OIL_GAS **CAOG11000202272**

District nun:	1	Api number:	03702333
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Chevron U.S.A. Inc.		
County name:	Los Angeles	Fieldname:	El Segundo
Area name:	Any Area	Section:	18
Township:	03S	Range:	14W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Block	Wellnumber:	15
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000202272		

94
SSE
1/2 - 1 Mile

OIL_GAS **CAOG11000205741**

District nun:	1	Api number:	03707256
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Union Oil Company of California		
County name:	Los Angeles	Fieldname:	El Segundo
Area name:	Any Area	Section:	18
Township:	03S	Range:	14W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	El Segundo	Wellnumber:	3
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000205741		

95
ESE **OIL_GAS** **CAOG11000205932**
1/2 - 1 Mile

District nun:	1	Api number:	03707580
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Block Oil Co.		
County name:	Los Angeles	Fieldname:	El Segundo
Area name:	Any Area	Section:	18
Township:	03S	Range:	14W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Block	Wellnumber:	17
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000205932		

96
SE **OIL_GAS** **CAOG11000202274**
1/2 - 1 Mile

District nun:	1	Api number:	03702335
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Chevron U.S.A. Inc.		
County name:	Los Angeles	Fieldname:	El Segundo
Area name:	Any Area	Section:	18
Township:	03S	Range:	14W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		

Comments:	Not Reported		
Leasename:	Block	Wellnumber:	19
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000202274		

97
WSW **OIL_GAS** **CAOG11000205692**
1/2 - 1 Mile

District nun:	1	Api number:	03707202
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Oxy Petroleum, Inc.		
County name:	Los Angeles	Fieldname:	El Segundo
Area name:	Any Area	Section:	11
Township:	03S	Range:	15W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	El Segundo Eh	Wellnumber:	1
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	PDH
Site id:	CAOG11000205692		

98
ESE **OIL_GAS** **CAOG11000200713**
1/2 - 1 Mile

District nun:	1	Api number:	03700179
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Block Oil Co.		
County name:	Los Angeles	Fieldname:	El Segundo
Area name:	Any Area	Section:	18
Township:	03S	Range:	14W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Block	Wellnumber:	18
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000200713		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS
RADON

AREA RADON INFORMATION

State Database: CA Radon

Radon Test Results

Zipcode	Num Tests	> 4 pCi/L
90245	101	1

Federal EPA Radon Zone for LOS ANGELES County: 2

Note: Zone 1 indoor average level > 4 pCi/L.
: Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.
: Zone 3 indoor average level < 2 pCi/L.

Federal Area Radon Information for LOS ANGELES COUNTY, CA

Number of sites tested: 63

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	0.711 pCi/L	98%	2%	0%
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
Basement	0.933 pCi/L	100%	0%	0%

PHYSICAL SETTING SOURCE RECORDS SEARCHED

TOPOGRAPHIC INFORMATION

USGS 7.5' Digital Elevation Model (DEM)
Source: United States Geologic Survey
EDR acquired the USGS 7.5' Digital Elevation Model in 2002 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

Current USGS 7.5 Minute Topographic Map
Source: U.S. Geological Survey

HYDROLOGIC INFORMATION

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 2003 & 2011 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetland Inventory
Source: Department of Fish & Game
Telephone: 916-445-0411

HYDROGEOLOGIC INFORMATION

AQUIFLOW^{R} Information System
Source: EDR proprietary database of groundwater flow information
EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

GEOLOGIC INFORMATION

Geologic Age and Rock Stratigraphic Unit
Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - A digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

STATSGO: State Soil Geographic Database
Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)
The U.S. Department of Agriculture's (USDA) Natural Resources Conservation Service (NRCS) leads the national Conservation Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

SSURGO: Soil Survey Geographic Database
Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)
Telephone: 800-672-5559
SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Service, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

LOCAL / REGIONAL WATER AGENCY RECORDS

FEDERAL WATER WELLS

PWS: Public Water Systems
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

PWS ENF: Public Water Systems Violation and Enforcement Data
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

USGS Water Wells: USGS National Water Inventory System (NWIS)
This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

STATE RECORDS

Water Well Database
Source: Department of Water Resources
Telephone: 916-651-9648

California Drinking Water Quality Database
Source: Department of Public Health
Telephone: 916-324-2319
The database includes all drinking water compliance and special studies monitoring for the state of California since 1984. It consists of over 3,200,000 individual analyses along with well and water system information.

OTHER STATE DATABASE INFORMATION

California Oil and Gas Well Locations
Source: Department of Conservation
Telephone: 916-323-1779
Oil and Gas well locations in the state.

RADON

State Database: CA Radon
Source: Department of Health Services
Telephone: 916-324-2208
Radon Database for California

Area Radon Information
Source: USGS
Telephone: 703-356-4020
The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

EPA Radon Zones
Source: EPA
Telephone: 703-356-4020
Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

OTHER

Airport Landing Facilities: Private and public use landing facilities
Source: Federal Aviation Administration, 800-457-6656

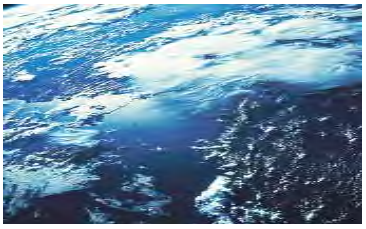
Epicenters: World earthquake epicenters, Richter 5 or greater
Source: Department of Commerce, National Oceanic and Atmospheric Administration

California Earthquake Fault Lines: The fault lines displayed on EDR's Topographic map are digitized quaternary fault lines, prepared in 1975 by the United State Geological Survey. Additional information (also from 1975) regarding activity at specific fault lines comes from California's Preliminary Fault Activity Map prepared by the California Division of Mines and Geology.

STREET AND ADDRESS INFORMATION

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Appendix F
Professional Profiles



Anthony T Parenteau

Partner

Anthony specializes in remediation and remedial construction; facility closure, decommissioning, decontamination, and demolition (DDD), site assessment, planning and permitting, pre-demolition hazardous material surveys, project scoping and estimating; remedial system operations, maintenance, monitoring (OMM); due diligence efforts and property transfer; compliance assessment; and contractor oversight. He has managed complex decommissioning, decontamination, and demolition programs totaling over 2 million square feet of industrial and commercial property, and due diligence efforts associated with the sale of more than $2 billion in commercial, industrial, and multifamily real estate assets.



Experience: Over 25 years' of experience managing environmental projects and more than 3 years of geotechnical field inspection and testing experience.

Email: tony.parenteau@erm.com

LinkedIn: https://www.linkedin.com/in/anthony-parenteau-880638b2/

Education and Training

- B.A. Geography University of California, Santa Barbara, USA, 1987

Professional Affiliations and Registrations

- Construction Management Association of America
- Environmental Professionals Organization
- Groundwater Resources Association
- AHERA Building Inspector,
- AHERA Management Planner,
- AHERA Contractor Supervisor
- OSHA 40 Hour HAZWOPER
- OSHA 8 Hour HAZWOPER Supervisor
- OSHA 10 Hour Construction Safety

Languages

- English, native speaker

Fields of Competence

- Facility decontamination, decommissioning, and demolition
- Remedial construction
- Remedial system construction, operations, maintenance, and monitoring
- Environmental assessment

Key Industry Sectors

- Power
- Technology
- Oil & Gas
- Aerospace
- Government
- Manufacturing
- Transportation

Key Projects

Decommissioning and Partial Demolition of Former Aerospace Research and Testing Facility, San Diego, CA.
Partner in Charge of facility closure, decommissioning, and partial demolition of P&W AeroPower facility in San Diego. Project involved developing scope of work for decommissioning and partial demolition of the facility. Prepared a bid package, assisted in contractor's procurement, and provided oversight of the project on P&W's behalf. Following completion of the project oversaw preparation of a closure report. Responsibilities included tracking overall financial and scheduling aspects of the project.

Partner in Charge of turnkey facility closure, decommissioning, and partial demolition of confidential aerospace facility. Project involved aboveground tank closures, removal of regulated materials, process equipment decommissioning, impacted soil removals, and select building demolition in support of facility closure and property transfer.

Decommissioning and Demolition Project Planning, El Segundo, CA
Partner in Charge of planning and procurement support for the demolition of Stacks 3 and 4 at NRG's El Segundo Generating Station. Prepared project cost estimates, demolition contractor scope of work, and bid specifications in support of client procurement. Provided bid support by attending project bid walk and responding to bidders questions. Evaluated contractor bids received and consulted with client on contractor selection.

Decommissioning and Demolition Project Management, San Francisco, CA
Partner-in-Charge of two electrical substations projects in San Francisco for Pacific Gas & Electric (PG&E). Maintained overall responsibility for decommissioning, decontamination, and demolition of circuit breaker cabinets and associated components within an operational 12KV substation facility. Lead and asbestos decontamination as well as concrete demolition was required to be performed under full negative air containment to control dust and the potential for worker exposure as well as neighboring property concerns. All work was completed using detailed project specifications and procedures prepared by ERM. The second substation required decontamination and demolition of a substation control building within close proximity to residential neighbors. The project included project permitting, neighborhood notifications, agency meetings, and project planning documents.

Decommissioning and Decontamination Project Management, Santa Ana, CA
Partner in Charge of decommissioning, decontamination, and demolition of multiple plating lines and wastewater treatment plant for ITT Cannon facility in Santa Ana. Project involved the decommissioning, decontamination, and demolition of all plating line equipment and associated wastewater treatment plant, including air scrubbers in support of facility closure. Plating line assets were identified, decontaminated, and isolated for resale or salvage. Waste was segregated and characterized for profiling and offsite disposal. All work was performed as directed by the CUPA in support of facility and permit closure.

Partner in Charge of decommissioning, decontamination, and demolition of former ITT Cannon facility in Santa Ana. Project included project planning and cost estimating for entire site demolition of over 450,000 square feet of industrial manufacturing facility, asbestos and lead abatement, related hazardous materials removal, PCB remediation using scarification and excavation methods, waste segregation, waste management, and disposal.

Decommissioning and Decontamination Project Management, Lake Forest, CA
Partner in Charge of facility closure of biotech manufacturing facility in Lake Forest for Agilent Technologies. Maintained overall responsibility for decommissioning and decontamination in support of facility closure. Project involved removal of residual hazardous materials, decontamination of laboratories and hazardous material storage areas, process piping and equipment, and AST. Facility closure was performed at the direction of the local CUPA, including all environmental permit closures.

Insitu Thermal Treatment at Fuel Depot in San Pedro, CA.
Partner in Charge of multi-million dollar insitu thermal treatment (ERH and Steam Injection) remediation at a bulk fuel terminal facility in San Pedro, California. Responsible for project delivery, resource allocation, and overall client satisfaction working with a multi-disciplined team of highly qualified engineers, geologist, and scientists working at a complex government defense logistics facility with ecological and environmental concerns.
Multiple Subslab Depressurization Projects at Amazon Facilities in Silver Lake and Berkeley, CA.
Partner in Charge of pilot testing, design, installation, and operations & maintenance of subslab depressurization systems (SSD) at two of Amazon's distribution facilities in California. SSD systems were designed to mitigate potential vapor intrusion of volatile organic compounds in subsurface soils and/or groundwater.

Key Projects Prior to Joining ERM

Abatement and Interior Demolition at Facility in San Diego, CA.
Partner in Charge of asbestos and lead abatement, and limited interior demolition of warehouse facility in support of tenant improvements at a warehouse distribution facility in San Diego, California.

Decommissioning and Demolition Project Management, San Pedro, CA.
Managed demolition of a fuel terminal facility occupying 3 berths at the Los Angeles Harbor. Decommissioning, decontamination, and demolition of terminal facility included 10 large aboveground storage tanks, process piping, facility infrastructure, and over-water elements. Asbestos, lead, and regulated material surveys were conducted during the pre-demolition phase and abated and/or removed was performed prior to demolition. Project eventually moved into remedial phase including the excavation and removal of over 100,000 tons of impacted soil. All work was performed in compliance with an existing EIR and the associated mitigation measures.

Decommissioning and Demolition Project Management, Huntington Beach, CA.
Managed demolition activities associated with the removal of approximately 40 concrete pads within an active oil production facility adjacent to the Bolsa Chica wetlands. Concrete pads were removed and processed through a mobile crusher for reuse.

Decommissioning and Demolition Project Management, Commerce, CA.
Managed the decommissioning, decontamination, and demolition of a former oil production facility located within an active rail yard. Activities included project permitting, negotiations with the railroad company, pre-demolition surveys, asbestos and lead abatement, decontamination of tanks, piping, well cellars, removal or abandonment of product piping, demolition of above-ground storage tanks, equipment, and facility infrastructure; waste transportation and disposal; and site restoration.

Decommissioning and Demolition Project Management, La Habra Heights, CA.
Managed the decommissioning, decontamination, and demolition of idle equipment, tanks, and buildings at multiple oil production sites within La Habra Heights. Activities included project permitting, pre-demolition surveys, asbestos and lead

abatement; decontamination of tanks, piping, and equipment; demolition of aboveground storage tanks, equipment, and facility infrastructure; waste transportation and disposal; and site restoration.

Decommissioning and Demolition Project Management, Los Angeles, CA.
Managed numerous projects for Los Angeles Metropolitan Transportation Authority (MTA) throughout the greater Los Angeles area. Responsible for the remedial construction management at various bus and light rail facilities in support of underground storage tank (UST) compliance upgrades. Activities included removal and/or replacement of USTs, ASTs, sumps and other fueling and maintenance systems at multiple MTA facilities. Managed waste removal, and transportation and disposal activities in support of MTA maintenance and capital improvement projects. Managed contract requirements and reporting elements of ID/IQ remedial construction contract.

Decommissioning and Demolition Project Management, El Segundo, CA.
Managed field operations for the decommissioning and demolition of a major aerospace facility located on a 12-acre site in El Segundo, California. Project requirements included asbestos abatement, decontamination and decommissioning of facility equipment, and demolition and disposal of several large aerospace buildings totaling approximately 120,000 square feet.

Project Manager for the decommissioning and demolition of an associated Trisonic Wind Tunnel impacted with polychlorinated bi-phenols (PCBs). Responsible for the identification, removal, and disposal of all regulated building materials. Responsible for successful asbestos and lead paint abatement, regulated material removals, demolition permitting, storm water permitting, waste management, waste transportation, and waste disposal. Demolition of all facility improvements were completed under oversight by the California State Department of Toxic Substances Control (DTSC) through an established Voluntary Cleanup Agreement (VCP). All work being performed in compliance with California Environmental Quality Act (CEQA) Mitigated Negative Declaration (MND). No further action site closure granted by DTSC within 30 days of final report submittal.

Decommissioning and Demolition Project Management, San Jose, CA.
Onsite Program Manager for large scale facility, decommissioning, decontamination, and demolition of a 5,200 acre solid rocket manufacturing facility in San Jose, California. The D3 program included the assessment of all 241-station buildings for regulated building materials and residual explosives as well as other bulk accumulations of energetic materials associated with the former manufacturing operation. Demolition of a wastewater treatment plant, a drinking water plant, explosive magazines, research facilities, and rocket motor test stands with heights in excess of 100 feet were included under the program.

Program Manager responsible for overall facility environmental compliance at the solid rocket manufacturing facility. Facility compliance included CEQA Environmental Impact Report (EIR) compliance, Title V Air Compliance, local, state and federal regulatory compliance under multiple regulatory agencies including: Santa Clara County, Bay Area Air Quality Management District, State of California Department of Fish & Game, State of California Regional Water Quality Control Board, U.S. Department of Fish & Game, U.S. Environmental Protection Agency, U.S. Department of Transportation, U.S. Army Corps of Engineers.

Project Manager for site wide waste management program acting as agent for client and responsible for the management, transportation and disposal of over 100,000 tons of waste generated as result of D3 and remedial activities. Waste materials included non-hazardous waste, construction debris, electronic

waste, non-RCRA hazardous waste, TSCA waste, and explosive waste. Effective waste segregation and waste profiling resulted in over $7MM in project cost savings.

Remedial Systems Operations, Maintenance, and Monitoring Program, Los Angeles, CA.
Managed installation and OMM of pH neutralization system associated with train washing facility for Los Angeles Metropolitan Transportation Authority. System was designed, installed, and operated to address discharge compliance with Los Angeles Sanitation District discharge requirements for pH. Managed system operations, maintenance, and monitoring activities at the site.

Remedial Systems Operations, Maintenance, and Monitoring Program, San Jose, CA.
Project manager for remedial systems OMM program for a major industrial client's solid rocket facility. Responsible for expedited planning and implementation of OMM program transition. Transition activities included development of transition plan, assessment of current remedial systems, development of standard operating procedures, (SOPs), implementation of all corrective actions, and daily management of all field activities and required reporting. Responsible for successful management of all OMM activities associated with soil, groundwater, and surface-water remediation activities, which included three main groundwater treatment systems, one surface-water treatment system, several minor groundwater systems, one biosparge system, and two soil vapor extraction (SVE) systems. Groundwater treatment systems consisted of HiPOx, carbon, and IX resin. Treated groundwater and surface water managed under a WDR permit with zero discharge from site. Effective OMM has resulted in significant increases in system up time, flow rates, and mass removal rates and decreases in associated operating costs.

Project manager for newly constructed Centralized Groundwater Treatment System (CGTS) that replaced the former systems currently being decommissioned. Responsible for successful transition from the old treatment systems to the new CGTS.

Remedial Systems Operations, Maintenance, and Monitoring Program, Porterville, CA.
Managed field operations for the installation of a soil and groundwater treatment system at a former industrial facility. Construction work included decommissioning and demolition of an older high-profile air stripper and installation of a low-profile air stripper groundwater treatment system and soil-vapor-extraction treatment system. Managed operations and maintenance of the soil and groundwater treatment systems under NPDES permit. Recent system design modifications included transition from the NPDES permit to an injection system under a WDR permit as approved by the Regional Water Quality Control Board - Central Valley Region.

Remedial Systems Operations, Maintenance, and Monitoring Program, Torrance, CA.
Managed installation, startup, and day-to-day field operations, maintenance, and monitoring of SVE remedial systems consisting of both carbon and CatOx based units in compliance with SCAQMD permit to construct and operate. Coordinated fieldwork and laboratory sampling and analysis as well as consumable change out and routine maintenance activities.

Remedial Systems Operations, Maintenance, and Monitoring Program, Irvine, CA.
Assisted in the management and operation of groundwater pump-and-treat system at a commercial business center. Remedial efforts were in support of a cleanup and abatement order issued by the Regional Water Quality Control Board (RWQCB) Santa Ana Region in response to a leaking underground storage tank (LUST). Groundwater contaminants consisted of chlorinated solvents including TCE, PCE, DCE, and DCA. Responsibilities

included operation and maintenance of the treatment system, regulatory and client interaction, groundwater monitoring, regulatory reporting, system decommissioning activities, and monitoring well abandonment. Remedial efforts resulted in site closure with a "no further action" letter issued from the RWQCB.

Emergency Response Field Operations, Billings, MT.
Provided onsite coordination of field resources associated with response actions to address a 24,000-gallon crude oil pipeline release along a 200+ mile stretch of the Yellowstone River during flood stage conditions. Responsible for planning, implementation, and coordination of over 50 employees working with over 1,000 incident responders and regulatory agencies within the incident command structure. Supported the planning, coordination, and transition of the incident response to a longer-term restoration and monitoring program.

Emergency Response Field Operations, San Jose, CA.
Managed field operations for an emergency response at a major industrial facility. Work performed was in response to two separate explosion events at the facility requiring high hazard mitigation, debris recovery in support of a forensic investigation/root cause analysis, surgical decontamination and demolition in support of evidence preservation, and remedial action to address soil and surface-water contamination. Additional process safety management activities led to additional building decontamination work at various other stations throughout the facility.

Remedial Investigation and Soil Remediation, Torrance, CA.
Conducted and performed a remedial investigation of soil and groundwater impacted with PCE and TCE at an operational aerospace fastener manufacturing facility. Investigation efforts were being performed under the oversight of the RWQCB-Los Angeles Region in response to previous soil investigation and groundwater monitoring results that identified the presence of PCE- and TCE-impacted soil and groundwater. Responsibilities included drilling and soil sampling to further characterize soil contamination; installing an intermediate-depth groundwater monitoring well to assist in characterizing the vertical extent of groundwater contamination; SVE well installation and pilot testing; pump well installation and pump testing; sparge well installation and sparge testing; and groundwater monitoring and reporting. The remedial investigation was conducted in support of remedial system design and construction. Managed field activities associated with operations and maintenance of the SVE system.

Soil and Groundwater Contamination Investigation; Soil Remediation, Santa Fe Springs, CA.
Managed, conducted, and performed a soil and groundwater contamination investigation and soil remediation in support of a property transfer and real estate development project. Investigation activities included shallow hand auger borings, backhoe trenching, drilling, and Hydropunch groundwater sampling. Contaminants investigated included petroleum hydrocarbons and BTEX associated with aboveground storage tanks (ASTs) and petroleum pipelines. Remediation of two localized petroleum-impacted areas associated with petroleum pipelines was conducted, as well as removal and in-place abandonment of the pipelines was conducted under the oversight of the Santa Fe Springs Fire Department. Remedial efforts consisted of excavation of grossly impacted soil and confirmation sampling. Contaminated soils were stockpiled and later disposed of offsite through a local soil recycling facility for use in asphalt products. A "no further action" letter was issued by Santa Fe Springs Fire Department in response to soil remediation and pipeline abandonment efforts.

Industrial Facility Closure, Demolition, and Soil and Groundwater Investigation, Santa Fe Springs, CA.
Managed, conducted, and performed an industrial facility closure, demolition, and a soil and groundwater investigation at a former industrial facility. Previous investigations had identified soil contamination as a result of previous industrial use of the property in support of oil field operations in the Santa Fe Springs area. Investigation activities included a Phase I site assessment to identify additional potential onsite and offsite sources of soil and groundwater contamination. Subsurface investigation activities included shallow hand auger borings, backhoe trenching, and drilling. Soil sampling was performed to further characterize contamination previously identified at the site. Hydropunch groundwater sampling was performed to assist in characterizing groundwater conditions below the site. Additional groundwater characterization was performed by installing seven groundwater monitoring wells at the site and implementing a quarterly groundwater monitoring program to further monitor and characterize groundwater conditions below the site. Soil contamination issues involving petroleum hydrocarbons, as well as chlorinated and non-chlorinated volatile organic compounds were addressed through the local fire department. Shallow zone soil closure was granted by the local fire department based on excavation and offsite disposal of approximately 7,000 tons of impacted soil. Deep zone soil closure was granted by the local fire department based on the completion of a risk assessment. Groundwater contamination issues involving similar contaminants were addressed through the RWQCB-Los Angeles Region. Groundwater issues were addressed through V-LEACH modeling and closed with no further action required. Groundwater issues were also addressed by implementation of a deed restriction.

Environmental Remediation Contract Administration, Soldotna, AK.
Managed the federal procurement and provided oversight for the administration of an environmental remediation contract for the thermal treatment of more than 3,100 cubic yards of petroleum-contaminated soil.

Environmental Assessment and Due Diligence, City of Burbank Redevelopment Agency, Burbank, CA.
Performed multiple Phase I and Phase II assessments for the city of Burbank Redevelopment Agency in support of redevelopment activities throughout the city, including several vehicle maintenance facilities in support of property transfer.

Environmental Assessment and Due Diligence, Los Angeles County Transportation Commission, CA.
Performed numerous Phase I and Phase II assessments for the Los Angeles County Transportation Commission to support the acquisition of properties for railway right-of-ways. Work included soil borings, soil sampling, monitoring well installation, groundwater sampling, and soil gas surveys. Investigations also included proposed light-rail alignments in Saugus and Moorpark, as well as alignments within the Los Angeles area.

Environmental Assessment and Due Diligence, City of Torrance, Torrance, CA.
Performed a Phase I environmental site assessment for the city of Torrance in conjunction with an Environmental Impact Report concerning road improvements and road extensions through heavy industrial areas of the city.

Environmental Assessment and Due Diligence, Resolution Trust Corporation, Newport Beach, CA.
Developed, implemented, and conducted training of corporate environmental guidelines and procedures, effectively reducing corporate environmental liability

for the Resolution Trust Corporation's Newport Beach office.

Developed and maintained regional office environmental database system used to accurately track and manage environmental issues and compliance requirements affecting more than 2,000 real estate assets held by the federal government during the failed savings and loan crisis.

Managed environmental due diligence in preparation for the successful disposition of more than $2 billion in industrial, commercial, land, and multifamily real estate assets for the Resolution Trust Corporation's Newport Beach office.

Performed and managed reviews of more than 2,000 Phase I and Phase II environmental site assessment reports using standardized review forms and database tracking procedures in support of property management and sales. Provided environmental technical support concerning asset disposition decisions, including foreclosure cases

Coordinated, trained, and provided oversight for environmental due diligence efforts performed by asset management contractors and loan servicers operating under multimillion dollar contracts for the Resolution Trust Corporation's Newport Beach office.

Performed technical advisory services in support of successful environmental litigation resulting in the recovery of damages in excess of $500,000. Identified numerous responsible parties concerning identified environmental contamination affecting real estate and non-performing loan assets. Resulted in net savings in excess of $2 million for the Resolution Trust Corporation's Newport Beach office.

Environmental Assessment and Due Diligence, Bolsa Chica, CA.
Assisted in an environmental assessment for potential wetlands restoration and partial land development of the 1,200-acre Bolsa Chica wetlands area, presently and historically a major oil field area. Investigation included research on historical land use, and reconnaissance of a major oil production company's oil fields and refinery. Work included shallow hand-auger borings and soil sampling to assist in identifying potential contamination sources associated with oil production throughout the wetlands area.

Environmental Assessment and Due Diligence, Various Locations in Southern CA.
Performed several site audits for Target store remodeling projects. Work included asbestos surveys, PCB surveys, and site observations for potential underground storage tank locations.

Remedial Construction and Contract Administration, Los Angeles, CA.
Managed several Los Angeles Metropolitan Transportation Authority projects in support of various bus, subway, and light rail projects throughout LA County. Projects included UST and AST system upgrades, removals and replacements, asbestos abatement, pipeline removals, sustainability projects, as well as waste transportation and disposal projects.

Remedial Construction and Contract Administration, Sacramento, CA.
Managed the procurement and provided oversight for the administration of an environmental remediation contract for an asbestos/hazardous materials abatement and demolition project of a hospital building.

Remedial Construction and Contract Administration, Anchorage, AK.
Managed the procurement and provided oversight for the administration of an environmental remediation contract for UST removals and in-place abandonment, and asbestos abatement at a dry cleaners.

Kyle H. Pickford

Partner



Mr. Kyle Pickford is a Partner with ERM based in Carpinteria, California. His experience includes providing counsel to investors, lenders, governments, and operating companies in the areas of transactional planning; evaluation and management; and project viability in the technical, regulatory, environmental, health and safety, and legacy liability areas. His transactional experience includes mergers, acquisitions, divestitures, financings, equity offerings, and privatizations.

Mr. Pickford's focus is primarily in the oil and gas industry, having begun his career with Phillips Petroleum Company before moving into consulting. He has managed transactions in all segments and phases of the oil industry operations, from upstream to refining, petrochemicals to retail, and leasing to abandonment, both offshore and onshore. He also has considerable experience in biotech, life sciences, and environmental technologies. He also gained experience as Corporate Director of HSE for Barnes Group Inc. (NYSE symbol 'B').

Mr. Pickford also provides ongoing management and strategic planning for successful acquisitions, and has conducted work in the environmental, risk management, and regulatory fields in more than 40 states and 25 countries.

Fields of Competence

- Liability and risk assessment of assets, operations, and management systems for transactions, proposed projects, or existing operations
- Deal and contract structuring and negotiations
- Valuation of environmentally-related assets and liabilities, including liability claims, asset retirement obligations, and environmental reserve development
- Regulatory and permitting feasibility studies
- Litigation support related to the areas above

Education

- MPA. Energy and Environmental Policy, Harvard University
- MBA, BBA. Operations Research, Texas Tech University

Languages

- English, native speaker

Key Industry Sectors

- Chemicals
- High Tech
- Oil and Gas
- Pharmaceuticals
- Power

Publications and Presentations

- More than twenty articles published on energy and environmental topics in periodicals ranging from peer-reviewed technical journals such as the Society of Petroleum Engineers *Journal of Petroleum Technology* to more popular press outlets, including *Oil and Gas Investor* and the *Petroleum Economist*
- Many public presentations in a variety of industry forums, including featured speaking engagements at the Annual Convention of the Society of Petroleum Engineers

Key Projects

Environmental, Health, and Safety (EHS) Consultant. Advised numerous organizations on optimally managing EHS and regulatory issues for purposes of financings, acquisitions, divestitures, and IPOs (e.g., Medicine Bow Energy's $750 million acquisition by Coastal).

Advised potential acquirers on effective management of critical safety and environmental issues arising out of transactions (e.g., EnCana's $12 billion joint venture with Conoco-Phillips).

Conducted multiple scenario planning efforts to identify evolving regulatory and market forces to enhance corporate and governmental strategic planning (e.g., analysis of evolving MTBE situation leading to a confidential client's exit of the market).

Structured EHS management and organizational liabilities to enhance potential IPO efforts (e.g., DeCrane Aircraft Company).

Advised creation of EHS structure and staffing following acquisitions (e.g., confidential manufacturing industry acquisition).

Advised governments on EHS issues for proposed privatizations (e.g., Government of Turkey's proposed privatization of POAS, the government-owned oil products distribution company).

Advised numerous companies and law firms on defense against both governmental enforcement initiatives and private legal claims (e.g., allegation against a Major Oil Company of serious safety issues in the UK, findings reported to Board of Directors).

Evaluated emerging environmental and energy technologies for investment (e.g., Great Plains Synfuels for Bear Stearns).

Evaluated numerous alternative energy investments, using mundane to esoteric technologies, for a variety of clients (e.g., Susquehanna University's potential investment in innovative coal furnace technology - conducted *pro bono*).

Barnes Group Inc., Bristol, CT. Corporate Director of Health, Safety, and Environmental Affairs
Evaluated, staffed, and developed organizational structure and management systems for all EHS activities and EHS legacy liabilities, reporting to General Counsel and Board in this $1.5 billion, 155 year-old manufacturing/aerospace/logistics portfolio (NYSE-B)

Managed 25 full-time EHS professionals and 10 part-time professionals in twelve countries, covering 50 locations.

Developed a rational, cost-effective EHS management system incorporating lean and continuous improvement at all levels, and supporting a fully integrated culture of risk reduction for Barnes' diverse industrial exposures.

Reduced recognized safety indicators (TRIR and LTIR) from double peer group average to under one-third of peer average; reduced material environmental/ regulatory incidents from eight per annum to less than one per annum; reduced controllable US Workers Compensation costs by 65% per annum; engineered large Property Loss rate reductions

Received numerous performance awards and certifications at various facilities including OSHA VPP, ISO 14000, OSHAS 18000, FM Global Risk Reduction Award, Government of Singapore Silver Safety Award, etc.

Managed EHS legal claims. Developed and implemented FAS 143/FIN 47 Asset Retirement Obligation reserve and FAS 5 EHS Liability Reserve estimation methodology. Cost-effectively managed multiple worldwide environmental remediation efforts with total potential exposures in excess of $15MM.

Oil and Gas Management Group, Long Beach, CA. EHS Director
Led and managed all EHS and regulatory aspects of company's four-state operations in preparation for a potential IPO. Managed due diligence activities for acquisitions and divestitures, and interactions with attorneys and advisors. Represented company before US Minerals Management Service, including the securing of critical regulatory exemptions.

Phillips Petroleum Company. Western Division EHS Manager
Managed all aspects of environmental compliance, permitting, and regulatory affairs in the high-risk California environment during a period of multi-billion dollar company investment in the region.

Managed numerous transactions in partnership with Acquisition and Divestiture Group.

Played key role in formulation of joint ventures and represented Company on corporate operating boards; engineered solutions to problems involving air, water quality, and land use; and secured regulatory and environmental approval from various government agencies.

Authored and gained approval of contracts involving multi-million dollar joint ventures, asset sales and purchases, and technical operating agreements. Represented Company on technical, accounting, tax, economic, and legal issues.

Instituted "critical path method" for planning, directing, and tracking west coast permitting efforts; computerized routine lease renewal efforts; and reduced regulatory approval time by 50% and costs by 60%.

Headed negotiating team on largest current oil development in Alaska, negotiated relief from contractual obligation to drill $20MM well, and deferred expenditure for three years with payment of only $50,000.

Proposed project using new technology to supply electricity of offshore platforms. Plan offered 60% annual internal rate of return.

Negotiated approval of previously denied drilling permit, averted $5MM in costs for unused drilling rig, and solidified agreements and corporate reputation with California Coastal Commission and local residents.

Devised industry "cooperative" for multi-company participation in oil spill control program, instituted procedures for sharing equipment, and improved response capabilities while saving each company over $1MM annually.

Evaluated projects on economic, environmental, technical, and legal grounds; mediated environmental disputes on local, state, and national levels; and settled claims against Company. Directed purchase of land, assets, and drilling rights.

Structured plan for subdividing undeveloped properties, worked closely with Corporate Tax Counsel, and improved financial control and tax savings.

Maggie Tymkow



Ms. Maggie Tymkow is a Senior Scientist with ERM based in Irvine, California. She has 14 years of experience in the environmental industry. Her experience includes working on Site Investigations/ Characterizations, Phase I and Phase II Environmental Site Assessments (ESAs), Remedial Investigations, and Remedial Actions. All projects that she has worked on have complied with OSHA health and safety requirements.

Ms. Tymkow served as a Superfund Technical Assessment and Response Team (START) member on the United States Environmental Protection Agency's (U.S. EPA's) Region IX emergency response contract. As a START Member, her primary responsibilities included managing a broad range of time-critical, hazardous materials investigations and Homeland security protection-oriented activities; operating environmental sampling/monitoring equipment; 24 hour on-call hazmat emergency response readiness; conducting field operations; writing and reviewing work plans and health and safety plans; managing others during response actions; and coordinating all logistical needs.

Ms. Tymkow has developed proposals by studying requests for proposal (RFPs); attending strategy meetings; assembling information including project nature, objectives/outcomes/deliverables, implementation, methods, timetable, staffing, budget, standards of performance, and evaluation.

Fields of Competence

- Site investigations/characterizations
- Phase I and Phase II Environmental Site Assessments (ESAs)
- Remedial investigations
- Remedial actions

Education

- B.S. Sociology, Minor in Environmental Science, Drexel University, Philadelphia, PA, 2001
- OSHA 8-HR HAZWOPER Refresher Training, December 2014
- First Aid/CPR/AED Training, January 2014
- California Hazardous Waste Classification, 2010
- FEMA ICS 100, 2010
- FEMA ICS 200, 2010
- FEMA IS 700, 2010
- FEMA IS 800, 2010
- 24-HR AHERA Building Inspector Training, 2005
- 40-HR AHERA Supervisor Training, 2005
- OSHA 40-HR HAZWOPER Training, 2002

Languages

- English, native speaker

Key Industry Sectors

- Financial
- Government

Key Projects

Del Amo Neighborhood Park Phase I Environmental Site Assessment, Torrance, CA, Engineering/ Remediation Resources Group, Inc., (ERRG), 2014. Environmental Professional
Completed a Phase I Environmental Site Assessment (ESA) that consisted of conducting a site visit with representatives of the property including a visual assessment, and researching the potential environmental hazards of the property and the surrounding area. Additional tasks involved researching historical site data, performing interviews with site stakeholders, and drafting a report summarizing the potential for environmental impact to the property.

Drums Support Emergency Response, Otay Mesa, CA, ERRG, 2013. Project Scientist
Worked on a Criminal Investigation Division (CID) Drums Support site that consisted of 12 abandoned drums containing boat salvage debris. The drums were evidence in a U.S. EPA CID enforcement investigation. Performed screening of the drums prior to sampling using a MultiRAE®, Micro R Meter, and Lumex® mercury vapor analyzer. The drums contained soil/ sediment mixed with small amounts of the boat renovation material debris, and paint. Collected drum content samples using dedicated equipment and submitted to the laboratory for analysis of metals and for asbestos to identify hazardous substances and assist in waste profiling for off-site transportation and disposal. The analytical results for metals were compared to California Total Threshold Limit Concentration hazardous waste criteria to evaluate whether the drum contents qualified as California hazardous waste. As a result, approximately 5,500 pounds of RQ NA3077, Hazardous waste solid, n.o.s., (debris/lead), 9, PG III (D008) was transported to the US Ecology facility near Beatty, Nevada.

Haystack Radioactive Structures, Navajo Community of Baca/Haystack, NM, ERRG, 2013. Project Scientist
Worked on a site that consisted of homesites and/or structures. Used a ratemeter (Ludlum 2221) and 3-inch by 3-inch sodium iodide scintillator detector (Ludlum Model 44-20) that were integrated with a GPS receiver. Both instruments were controlled through a USEPA-developed technology, the Rapid Assessment Tool (RAT) to measure the gamma activity at Navajo homesites and surrounding structures as part of the radiological assessment. Provided technical assistance to measure the static exposure gamma radiation rate activity of inside structures using a General Electric Rueters-Stokes High Pressure Ionization Chamber RSS-131.

Dominguez Channel Incident Emergency Response, Carson, CA, ERRG, 2013. Project Scientist
Responded to a petroleum release from an unknown source into the Dominguez Channel. Collected product samples from the channel in order to determine if the product expressing itself from the Dominguez Channel sediment was of a petroleum nature, as defined under the Oil Pollution Act, or if it had characteristics of a hazardous material under the Comprehensive Environmental Response, Compensation, and Recovery Act. Collected a product sample from the diver-installed sample collection system. The assessment activities included collecting groundwater samples from local monitoring wells using a bailer method. Samples were analyzed to generate definitive data for the purpose of determining the chemical contents of the release and identifying the potentially responsible parties.

San Gabriel Valley Area 1 Superfund Site Vapor Intrusion Investigation, South El Monte Operable Unit, South El Monte, CA, ERRG, 2013. Project Scientist
Conducted indoor air sampling in order to assess potential vapor intrusion of chemicals of concern (COC) from contaminated or potentially contaminated soil and groundwater beneath each structure's sub-flooring. Additionally, collected ambient air samples to assess COC concentrations in ambient air at and near the documented contaminant source areas, and for comparison to the indoor data. Used 6-liter SUMMA canisters (SUMMAs) and calibrated flow regulators that were obtained from the analytical laboratory. Immediately prior to installing the flow regulator and deploying the SUMMA, measured the initial vacuum pressure in each SUMMA using a certified calibrated vacuum pressure gauge. For crawl-space sample collection, used certified COC-free extension wands supplied by the analytical laboratory, to extend the sample collection orifice up to 5 feet for collection of an air sample in spaces too small for placement of a SUMMA canister. Upon retrieval, recorded the date, collection time, sampler's initials, and final vacuum pressure on the sample label. This information was also recorded on the chain-of-custody documentation. The regulator was removed from the SUMMA and the canister was capped and placed in a sample shipment container.

Yavapai Wood Treatment Removal, Yavapai-Prescott Tribal Land, Yavapai County, AZ, ERRG, 2012. Project Scientist
Provided technical assistance during removal assessment and transportation of contaminated soil off site. Supported the removal through collection of removal confirmation and waste characterization samples from excavation bottoms and perimeters for analysis; submitting soil samples for laboratory analysis; evaluating the field screening and laboratory analytical results to determine whether contamination above action levels had been removed; and documenting the removal activities. Collected the soil samples into plastic baggies using dedicated plastic scoops, transferred into a 4- or 8-ounce jar, then placed in a cooler with ice for transport to the laboratory. All samples, other than the volatile organic compound (VOC) fractions, were thoroughly homogenized before sample containerization. Samples for VOC analysis were directly sampled using Encore® samplers. Deployed Mini-Ram Particulate Monitors (MIE PRD) whenever removal activities took place to evaluate health and safety measures and to make sure that dust levels do not exceed 2.5 milligrams per cubic meter.

Waterstone Environmental, Inc., 2004-2009. Associate Scientist
Participated in Phase I and Phase II ESAs on properties throughout California in support of planned expansion (acquisition), redevelopment, or reuse (conveyance) of commercial, residential, light industrial, and oil field properties. Responsible for conducting research, conducting site inspections, collecting samples, and writing the reports. Conducted all Phase I/II work in accordance with applicable ASTM standards for ESAs and each project included an all appropriate inquiries investigation.

Site investigations were conducted to evaluate presence or potential presence of a hazardous substances, pollutants, or contaminants. Collected soil and groundwater samples for environmental analyses, completed site investigations, and summarized all findings in Phase I or Phase II ESA reports for the use of major commercial banks. For the Phase I ESAs, researched the potential environmental hazards of the property and the surrounding area, evaluated historical site data, performed interviews with site stakeholders, and drafted the Phase I reports summarizing the potential for environmental impacts to the property and providing opinion regarding conditions indicative of releases or threatened release for each property.

Additional responsibilities included drinking water sampling, air monitoring, asbestos and lead-based paint sampling, and walk-through building inspections for Los Angeles School District properties throughout Southern California, as part of the Operations and Maintenance Program. Attended bid meetings and was a client point of contact for numerous projects.

Converse Consultants, Inc., 2002-2004. Assistant Scientist
Participated in Phase I and Environmental Transaction Screens on properties throughout California in support of planned expansion (acquisition), redevelopment, or reuse (conveyance) of commercial, residential, and light industrial properties. Responsible for conducting research, conducting site inspections, and writing the reports. Conducted all Phase I work under the supervision of a certified Environmental Assessor and in accordance with applicable ASTM standards for ESAs. Each project included an all appropriate inquiries investigation.

Appendix C-2

Second Soil Vapor Summary Report

Data Gap Analysis – Second Soil Vapor Summary Report

Summary of Soil Vapor Results

PREPARED FOR

GRIFFIN CAPITAL CATALYST DEVELOPMENT FUND, LLC

DATE

9 January 2024

REFERENCE

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SIGNATURE PAGE

Data Gap Analysis – Second Soil Vapor Summary Report

Summary of Soil Vapor Results

0596801

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ACRONYMS AND ABBREVIATIONS

µg/m^3	Micrograms per cubic meter
bgs	Below ground surface
Chevron	Chevron Corporation
CSM	Conceptual site model
DTSC	Department of Toxic Substances Control
ERM	Environmental Resources Management, Inc.
Griffin Capital	Griffin Capital Real Estate Company, LLC
HHRA	Human Health Risk Assessment
Infineon	Infineon Technologies
LARWQCB	Los Angeles Regional Water Quality Control Board
MUN	Municipal or domestic water supply
PCE	Tetrachloroethene
QA/QC	Quality assurance/Quality control
RSL	Regional Screening Level
TCE	Trichloroethene
VOC	Volatile organic compound
USEPA	United States Environmental Protection Agency
WWTS	Wastewater Treatment System

1. INTRODUCTION

On behalf of Griffin Capital Catalyst Development Fund, LLC (Griffin Capital), Environmental Resources Management, Inc. (ERM) prepared this *Data Gap Analysis - Second Soil Vapor Summary Report* (Report) to present the results of the second round of soil vapor sampling activities conducted at 330, 340/348 Kansas Street and 1521 E. Grand Avenue, in El Segundo, California (Site; Figure 1), as requested by the Department of Toxic Substance Control (DTSC). Soil vapor sampling performed at the Site in December 2023 was in accordance with the DTSC-approved *Revised Data Gap Soil Vapor Sampling Workplan*, dated 9 January 2023 (Workplan; ERM 2023).

Data will be used for the Human Health Risk Assessment (HHRA), updating the conceptual site model (CSM), and further decision-making regarding the Site.

This Report is organized as follows:

- Section 2 summarizes general Site characteristics
- Section 3 describes soil vapor probe installation activities
- Section 4 provides soil and soil vapor sampling collection
- Section 5 summarizes sampling results
- Section 6 presents Report conclusions
- Section 7 lists cited references
- Tables, figures, and appendices, referenced throughout the Report, follow the text

2. GENERAL SITE CHARACTERISTICS

The Site is located in El Segundo, California, approximately 12 miles southwest of Los Angeles. As shown on Figure 1, the Site is approximately 1 mile south of the Los Angeles International Airport, near the intersection of El Segundo Boulevard and North Sepulveda Boulevard (Pacific Coast Highway). The Site is further described in the sections below.

2.1 SITE DESCRIPTION

The Site encompasses 3.25 acres and currently is under construction for future re-development as multi-unit residential property. Development began in July of 2023.

Four former buildings have been demolished down to the concrete slabs. These buildings and their former operations are listed below:

- 1521 E. Grand Avenue – A former vacant two-story, approximately 48,656-square-foot, steel-frame structure. Former operations included semiconductor manufacturing and research and development laboratories with a clarifier along the west side of the building. According to Infineon Technologies [Infineon], the clarifier was removed by Infineon's subcontractor and the associated Wastewater Treatment System [WWTS] Permit was closed.
- 330 Kansas Street – A former vacant three-story, approximately 29,754-square-foot, concrete tilt-up building. Former operations included semiconductor manufacturing with storage and an associated WWTS structure.
- 340/348 Kansas Street – A former vacant single-story, approximately 17,920-square-foot, concrete tilt-up former electrical laboratory.
- 318 Kansas Street – A vacant lot that formerly included a maintenance and parts-repair building.

2.2 GEOLOGY AND HYDROGEOLOGY

Regionally, the Site is located within the Peninsular Range, geomorphic province. This province is characterized by elongated northwest-trending mountain ridges, separated by generally straight-sided sediment-filled valleys. The northwest trend is further displayed in the dominant, geological structural features of the province, which include northwest to west-northwest trending folds and faults, such as the nearby Newport-Inglewood Fault Zone located approximately 5 miles east of the Site. There are no documented active or potentially active faults within or projecting toward the Site. The Site is situated within a coastal area referred to as the Western Los Angeles Basin characterized by an extensive coastal belt of late Pleistocene age, non-migrating dunes, and more recent eolian (wind-blown) sand, which is referred to as the El Segundo Sand Hills. The El Segundo Sand Hills, located at and in the vicinity of the Site, are made up of stabilized dunes that, prior to development, had crests ranging from 85 to 185 feet above mean sea level. The coastal belt includes middle-Pleistocene age sediments that were deposited on an ancient ocean floor (i.e., marine deposits) of the San Pedro formation and the older underlying Lakewood formation. The sandy sediments that make up these two geologic formations comprise the main groundwater-bearing strata in this portion of the Los Angeles Basin.

Based on ERM's subsurface investigation in 2019, onsite soil, to a depth of approximately 80 feet below ground surface (bgs), primarily consists of brown, fine-grained, slightly silty, loose sand. It was observed to be dry to moist. Neither bedrock nor groundwater were encountered in any soil borings. ERM's November/December 2023 soil sampling confirms the lithology on Site, down to depths of five feet across Site, and 15 feet in select locations.

As described in ERM's Phase I Environmental Site Assessment (ERM 2022), the Site is located within the El Segundo Sand Hills of the Los Angeles Coastal Plain. The water bearing formations of this basin include deposits of recent and Pleistocene Age alluvium overlying Pliocene and Miocene Age sedimentary deposits. Principal aquifers located beneath the Site include the Ballona and Silverado Aquifers. The groundwater in the vicinity of the Site is estimated to be greater than 100 feet bgs. Seawater intrusion and offsite hydrocarbon sources have degraded the regional groundwater quality in the vicinity of the Site. The West Coast Basin Barrier project, designed to control seawater intrusion by the creation of an artificial gradient using water injection, is located approximately 350 to 650 feet east of the Site. Based on the general degradation of groundwater below and in the vicinity of the Site, it is not designated for municipal or domestic water supply (MUN) by the Los Angeles Regional Water Quality Control Board (LARWQCB). There are no federal or state groundwater wells located within 1 mile of the Site.

The Gage and Silverado Aquifers of the San Pedro Formation are present beneath the Site. The lower Silverado Aquifer is used for active water injection in the area that is part of the West Basin Barrier System controlling the intrusion of salt water in the usable aquifer. The Site is located immediately west (ocean side) of the barrier system. High total dissolved solids in shallow groundwater are present as a result of salt-water intrusion into the Gage Aquifer.

Additionally, Chevron Corporation (Chevron) and others have impacted groundwater in this area. The MUN beneficial use designation for the groundwater located in this area of El Segundo was removed in November 1998 when the LARWQCB adopted Resolution No. 98-18, based on groundwater contamination caused by the Chevron refinery, less than 400 feet south of the Site.

3. SOIL VAPOR PROBE INSTALLATION AND SAMPLING

ERM had originally installed five soil vapor probes in January (DG-01 through DG-05), as part of data gap sampling activities. ERM had planned to collect its second round of samples in July 2023; however, redevelopment activities at the Site began and prevented ERM from accessing the soil vapor probes. ERM was able to mobilize in December 2023.

Once redevelopment activities had completed the initial demolition of the buildings, ERM observed that four of the original five probes (DG-01 through DG-04) were damaged or inaccessible; DG-05 remained intact. ERM reinstalled four replacement probes during chromium soil sampling and characterization. These new probes have an R designation (i.e., DG-01 was damaged, the new probe is referred to as DG-01R).

Soil vapor probe locations are noted on Figure 2. The following subsections provide details related to pre-field, installation, and sampling activities.

3.1 PRE-FIELD ACTIVITIES

Before initiating field activities, ERM conducted the following tasks:

- Prepared a Site-specific Health and Safety Plan
- Marked soil boring locations and notified Underground Service Alert (Dig Alert)
- Performed an onsite geophysical utility survey
- Hand cleared the first 5 feet of soil at all locations using a hand auger

3.2 DRILLING ACTIVITIES AND SOIL VAPOR PROBE INSTALLATION

ERM advanced four new soil borings (DG-01R through DG-04R) to approximately 15 feet bgs with a 3-inch diameter hand auger. ERM installed the soil vapor probes on 30 November and 1 December 2023 and sampled them (along with DG-05) on 8 December 2023, once all the probes had reached equilibrium.

Details regarding the installation of the four replacement soil vapor probes are provided below:

- Two vapor probes were installed at each location, one with a shallow depth of 5 feet bgs and the second at a deeper depth of 15 feet bgs.
- Soil vapor probes were installed with a 6-inch, stainless steel vapor implant within the filter pack.
- One foot of filter-pack sand encased each soil vapor probe.
- The filter pack was sealed with 1 foot of dry bentonite.
- The annular space between the deep and shallow probe was filled with hydrated bentonite.
- The annular space between the shallow probe and ground surface was filled with hydrated bentonite.
- The surface completions were permanent 3-inch well boxes housing the sampling valves at the top of each probe.

4. SAMPLING COLLECTION AND WASTE MANAGEMENT

4.1 SOIL VAPOR SAMPLE COLLECTION AND ANALYSIS

Once soil vapor probes were installed, 11 (10 primary and one duplicate) soil vapor samples were collected and analyzed by H&P Mobile Geochemistry, an accredited third-party laboratory that specializes in collecting soil vapor samples. Samples were leak-checked prior to collection, per DTSC collection procedures. Nine soil vapor samples from the replacement probes along with two from the DG-05 location were collected and analyzed for:

- Volatile organic compounds (VOCs) via United States Environmental Protection Agency (USEPA) Method 8260B.

Laboratory analytical reports are included in Appendix A.

4.2 LABORATORY QUALITY ASSURANCE AND QUALITY CONTROL

For quality assurance/quality control (QA/QC) purposes, duplicate samples were collected during sampling. Additionally, analytical data were reviewed for adherence to applicable QA/QC procedures. The quality of the data was assessed, and necessary qualifiers were applied following the USEPA's National Functional Guidelines for Superfund Organic Methods Data Review (USEPA 2022).

No results were qualified or rejected. The data were deemed suitable for decision-making purposes, and the data can be used in preparation of technically defensible documents. The results of the data validation are included in Appendix A.

5. RESULTS

5.1 SOIL VAPOR ANALYTICAL RESULTS

Soil vapor samples (10 primary plus one duplicate) were collected from each of the five soil vapor probe locations at 5- and 15-foot depths and analyzed for VOCs. Analytical results of the soil vapor samples collected during the Data Gap Investigation were compared to vapor screening levels derived based on:

- DTSC Human Health Risk Assessment Note 3 –DTSC-Modified Screening Levels, Residential Cancer or Non-Cancer (DTSC 2022).
- USEPA Regional Screening Levels (RSL) Residential Scenario (USEPA 2023).

Table 1 provides the soil vapor analytical results, which are also as shown on Figure 3. The following is a summary of the December 2023 soil vapor analytical results:

- Chloroform was detected in 5 samples at concentrations ranging from 14 J (estimated value) micrograms per cubic meter (µg/m^3) at DG-01R-05 to 52 µg/m^3 at DG-04R-15. All 5 detections exceeded the screening value of 4 µg/m^3.
- Trichloroethene (TCE) was detected in all 11 samples at concentrations ranging from 610 µg/m^3 at DG-05-05 to 10,000 µg/m^3 at DG-02R-15. All values exceeded the screening value of 16 µg/m^3.
- Tetrachloroethene (PCE) was detected in all 11 samples at concentrations ranging from 3,300 µg/m3 at DG-04R-05 to 18,000 µg/m3 at DG-05-15. All values exceeded the screening level of 15 µg/m3.
- Four other VOCs were detected (1,1,2-trichloro-1,2,2-trifluoroethane, 1,1-dichloroethane, cis-1,2-dichloroethane, and trichlorofluoromethane), in December 2023, but they did not exceed screening levels.

6. CONCLUSIONS

Results are consistent with ERM's previous sampling results collected in March 2023. TCE and PCE were detected in soil vapor at 5 and 15 feet bgs, which satisfies the HHRA data requirements for potential receptors. Data across the five data gap sampling locations are also consistent with previous sampling performed elsewhere at the Site as detailed below.

- DG-01R analytical results (max 8,700 µg/m^3 PCE and max 6,600 µg/m^3 TCE) are similar to previous analytical results reported at locations SVB2-9, SVB2-10 and B2-6, to the south, and are lower than the March soil vapor data collected as part of data gap analysis sampling.
- DG-02R analytical results (max 17,000 µg/m^3 PCE and max 10,000 µg/m^3 TCE) are similar to SV-B2-9 and SV-B2-10 analytical results to the south and are lower than the March soil vapor data collected as part of data gap analysis sampling.
- DG-03R analytical results (max 11,000 µg/m^3 PCE and max 4,300 µg/m^3 TCE) are similar to analytical results reported in B2-1 to the south and B2-2 to the north.
- DG-04R analytical results (max 14,000 µg/m^3 PCE and max 7,500 µg/m^3 TCE) are similar to analytical results reported in SVB2-8 and B2-3 to the north.
- DG-05 analytical results (max 18,000 µg/m^3 PCE and max 2,900 µg/m^3 TCE are greater than SVB2-1 analytical results to the north of the sampling location but are not expected to significantly change the risks posed at the site.

Given the additional soil vapor data reported is consistent with previous Site characterization, it sufficiently characterizes the previously identified data gaps onsite and will be incorporated into the HHRA.

7. REFERENCES

Department of Toxic Substances Control (DTSC). 2022. Human Health Risk Assessment, Note Number 3, DTSC-Modified Screening Levels. May.

Environmental Resources Management, Inc. (formerly ERM-West, Inc. [ERM]). 2022. *Phase I Environmental Site Assessment*. 21 November.

ERM. 2023. *Revised Data Gap Soil Vapor Sampling Workplan*. 9 January.

United States Environmental Protection Agency (USEPA). 2022. National Functional Guidelines for Superfund Organic Methods Data Review.

TABLES

Table 1
Soil Vapor Results Summary Table
Infineon El Segundo
El Segundo, California

Location ID	Sample Date	Sample Type	Depth	Sample ID	Analyte	1,1,1-Trichloroethane µg/m³	1,1,2,2-Tetrachloroethane µg/m³	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) µg/m³	1,1-Dichloroethene µg/m³	1,2,4-Trimethylbenzene µg/m³	1,3,5-Trimethylbenzene µg/m³	Benzene µg/m³	Chloroform µg/m³	cis-1,2-Dichloroethene µg/m³	Dichlorodifluoro-methane (Freon 12) µg/m³	Ethylbenzene µg/m³	m,p-Xylenes µg/m³	o-Xylene µg/m³	Tetrachloroethene µg/m³	Toluene µg/m³	Trichloroethene µg/m³	Trichloro-fluoromethane (Freon 11) µg/m³
				CA-DTSC-NOTE3-SV-RES-EPA-RSL-AF 0.03	Unit	33,000	1.6	170,000	2,400	2,100	2,100	**3.2**	**4**	280	3,300	37	3,300	3,300	**15**	10,000	**16**	43,000
DG-01-05	08-Mar-23	N	5ft	DG-1-5-030823		*< 6.1 UJ*	*< 9.8 UJ*	**19 J**	**110 J**	*< 10 UJ*	*< 8.7 UJ*	*< 3.7 UJ*	**34 J**	*< 6.2 UJ*	*< 6.0 UJ*	*< 6.6 UJ*	*< 11 UJ*	*< 7.5 UJ*	**14,000 J**	**10 J**	**7,600 J**	*< 5.9 UJ*
DG-01-15	08-Mar-23	N	15ft	DG-1-15-030823		*< 12 UJ*	*< 20 UJ*	**58 J**	**470 J**	*< 20 UJ*	*< 17 UJ*	*< 7.4 UJ*	**120 J**	**31 J**	*< 12 UJ*	*< 13 UJ*	*< 21 UJ*	*< 15 UJ*	**33,000 J**	**42 J**	**20,000 J**	*< 12 UJ*
DG-01R-05	08-Dec-23	N	5ft	DG-1R-5-120823		*< 40 U*	*< 40 U*	*< 40 U*	**44 J**	*< 40 U*	*< 40 U*	*< 10 U*	**14 J**	*< 40 U*	*< 40 U*	*< 40 U*	*< 40 U*	*< 40 U*	**5,700**	*< 80 U*	**3,200**	*< 40 U*
DG-01R-15	08-Dec-23	N	15ft	DG-1R-15-120823		*< 40 U*	*< 40 U*	**44 J**	**230**	*< 40 U*	*< 40 U*	*< 10 U*	**36**	*< 40 U*	*< 40 U*	*< 40 U*	*< 40 U*	*< 40 U*	**8,700**	*< 80 U*	**6,600**	*< 40 U*
DG-02-05	08-Mar-23	N	5ft	DG-2-5-030823		*< 6.1 UJ*	*< 9.8 UJ*	**51 J**	**290 J**	*< 10 UJ*	*< 8.7 UJ*	*< 3.7 UJ*	**31 J**	**13 J**	*< 6.0 UJ*	*< 6.6 UJ*	*< 11 UJ*	*< 7.5 UJ*	**21,000 J**	**8.4 J**	**10,000 J**	**47 J**
DG-02-15	08-Mar-23	N	15ft	DG-2-15-030823		*< 24 UJ*	*< 39 UJ*	**110 J**	**750 J**	*< 40 UJ*	*< 35 UJ*	*< 15 UJ*	**82 J**	**65 J**	*< 24 UJ*	*< 26 UJ*	*< 42 UJ*	*< 30 UJ*	**48,000 J**	**35 J**	**28,000 J**	*< 24 UJ*
DG-02R-05	08-Dec-23	N	5ft	DG-2R-5-120823		*< 40 U*	*< 40 U*	*< 40 U*	**82 J**	*< 40 U*	*< 40 U*	*< 10 U*	*< 10 U*	*< 40 U*	*< 40 U*	*< 40 U*	*< 40 U*	*< 40 U*	**4,700**	*< 80 U*	**2,900**	*< 40 U*
DG-02R-15	08-Dec-23	N	15ft	DG-2R-15-120823		*< 40 U*	*< 40 U*	**56 J**	**450**	*< 40 U*	*< 40 U*	*< 10 U*	**38**	*< 40 U*	*< 40 U*	*< 40 U*	*< 40 U*	*< 40 U*	**17,000**	*< 80 U*	**10,000**	**81 J**
DG-03-04	08-Mar-23	N	4ft	DG-3-4-030823		**7.1 J**	*< 2.0 UJ*	**60 J**	*< 1.5 UJ*	**11 J**	**4.5 J**	**8.0 J**	*< 1.3 UJ*	*< 1.2 UJ*	**3.6 J**	**6.5 J**	**29 J**	**9.5 J**	**320 J**	**31 J**	**30 J**	**22 J**
DG-03R-05	08-Dec-23	N	5ft	DG-3R-5-120823		*< 40 U*	*< 40 U*	**200**	*< 40 U*	*< 40 U*	*< 40 U*	*< 10 U*	*< 10 U*	*< 40 U*	*< 40 U*	*< 40 U*	*< 40 U*	*< 40 U*	**11,000**	*< 80 U*	**2,200**	*< 40 U*
DG-03R-15	08-Dec-23	N	15ft	DG-3R-15-120823		*< 40 U*	*< 40 U*	**240**	**67 J**	*< 40 U*	*< 40 U*	*< 10 U*	*< 10 U*	*< 40 U*	*< 40 U*	*< 40 U*	*< 40 U*	*< 40 U*	**11,000**	*< 80 U*	**4,300**	*< 40 U*
DG-04-05	08-Mar-23	N	5ft	DG-4-5-030823		*< 6.1 UJ*	*< 9.8 UJ*	**330 J**	**160 J**	*< 10 UJ*	*< 8.7 UJ*	*< 3.7 UJ*	**45 J**	**100 J**	*< 6.0 UJ*	*< 6.6 UJ*	*< 11 UJ*	*< 7.5 UJ*	**15,000 J**	*< 5.3 UJ*	**6,100 J**	**440 J**
DG-04-15	08-Mar-23	N	15ft	DG-4-15-030823		**43**	*< 9.8*	**540**	**240**	*< 10*	*< 8.7*	*< 3.7*	**54**	**120**	*< 6.0*	*< 6.6*	*< 11*	*< 7.5*	**21,000**	*< 5.3*	**7,700**	**690**
DG-04R-05	08-Dec-23	N	5ft	DG-4R-5-120823		*< 40 U*	*< 40 U*	*< 40 U*	*< 40 U*	*< 40 U*	*< 40 U*	*< 10 U*	*< 10 U*	*< 40 U*	*< 40 U*	*< 40 U*	*< 40 U*	*< 40 U*	**3,800**	*< 80 U*	**1,700**	**680**
DG-04R-05	08-Dec-23	FD	5ft	DUP-1-120823		*< 40 U*	*< 40 U*	*< 40 U*	*< 40 U*	*< 40 U*	*< 40 U*	*< 10 U*	*< 10 U*	*< 40 U*	*< 40 U*	*< 40 U*	*< 40 U*	*< 40 U*	**3,300**	*< 80 U*	**1,600**	**770**
DG-04R-15	08-Dec-23	N	15ft	DG-4R-15-120823		*< 40 U*	*< 40 U*	**160**	**190**	*< 40 U*	*< 40 U*	*< 10 U*	**52**	*< 40 U*	*< 40 U*	*< 40 U*	*< 40 U*	*< 40 U*	**14,000**	*< 80 U*	**7,500**	**910**
DG-05-05	08-Mar-23	N	5ft	DG-5-5-030823		*< 6.1 UJ*	*< 9.8 UJ*	**690 J**	*< 7.6 UJ*	*< 10 UJ*	*< 8.7 UJ*	*< 3.7 UJ*	*< 6.4 UJ*	*< 6.2 UJ*	*< 6.0 UJ*	*< 6.6 UJ*	*< 11 UJ*	*< 7.5 UJ*	**10,000 J**	**5.7 J**	**800 J**	*< 5.9 UJ*
DG-05-05	08-Dec-23	N	5ft	DG-5-5-120823		*< 40 U*	*< 40 U*	**400**	*< 40 U*	*< 40 U*	*< 40 U*	*< 10 U*	*< 10 U*	*< 40 U*	*< 40 U*	*< 40 U*	*< 40 U*	*< 40 U*	**8,000**	*< 80 U*	**610**	*< 40 U*
DG-05-15	08-Mar-23	N	15ft	DG-5-15-030823		*< 12 UJ*	*< 20 UJ*	**1,300 J**	**45 J**	*< 20 UJ*	*< 17 UJ*	*< 7.4 UJ*	*< 13 UJ*	**100 J**	*< 12 UJ*	*< 13 UJ*	*< 21 UJ*	*< 15 UJ*	**23,000 J**	*< 11 UJ*	**3,200 J**	*< 12 UJ*
DG-05-15	08-Dec-23	N	15ft	DG-5-15-120823		*< 40 U*	*< 40 U*	**1,300**	**70 J**	*< 40 U*	*< 40 U*	*< 10 U*	**22**	**120**	*< 40 U*	*< 40 U*	*< 40 U*	*< 40 U*	**18,000**	*< 80 U*	**2,900**	**62 J**

Notes:
Units are in µg/m^3.
< = Compound not detected. Reportable detection limit shown.
Bolded values indicate concentrations above the reportable detection limit.
Shaded values indicate concentrations above the standard.
FD = Field duplicate sample
N = Normal environmental sample
J = Data is estimated value between the method detection limit and the reporting limit
U = estimated non-detect
UJ = non-detected, estimated report limit
µg/m^3 = Micrograms per cubic meter
AF = Attenuation factor
DTSC = Department of Toxic Substances Control
ft = Feet
HPMG = H&P Mobile Geochemistry
RSL = Regional Screening Level
USEPA = United States Environmental Protection Agency
TO15 analyses performed by HPMG.
SW8260B analyses performed by HPMG.
CA-DTSC-NOTE3-SV-RES-EPA-RSL-AF0.03 = California DTSC Note 3 RSL combined as minimum of Cancer/Noncancer Endpoint, revised May 2022, USEPA RSL used when no Note 3 value exists, updated November 2023. AF 0.03.

FIGURES

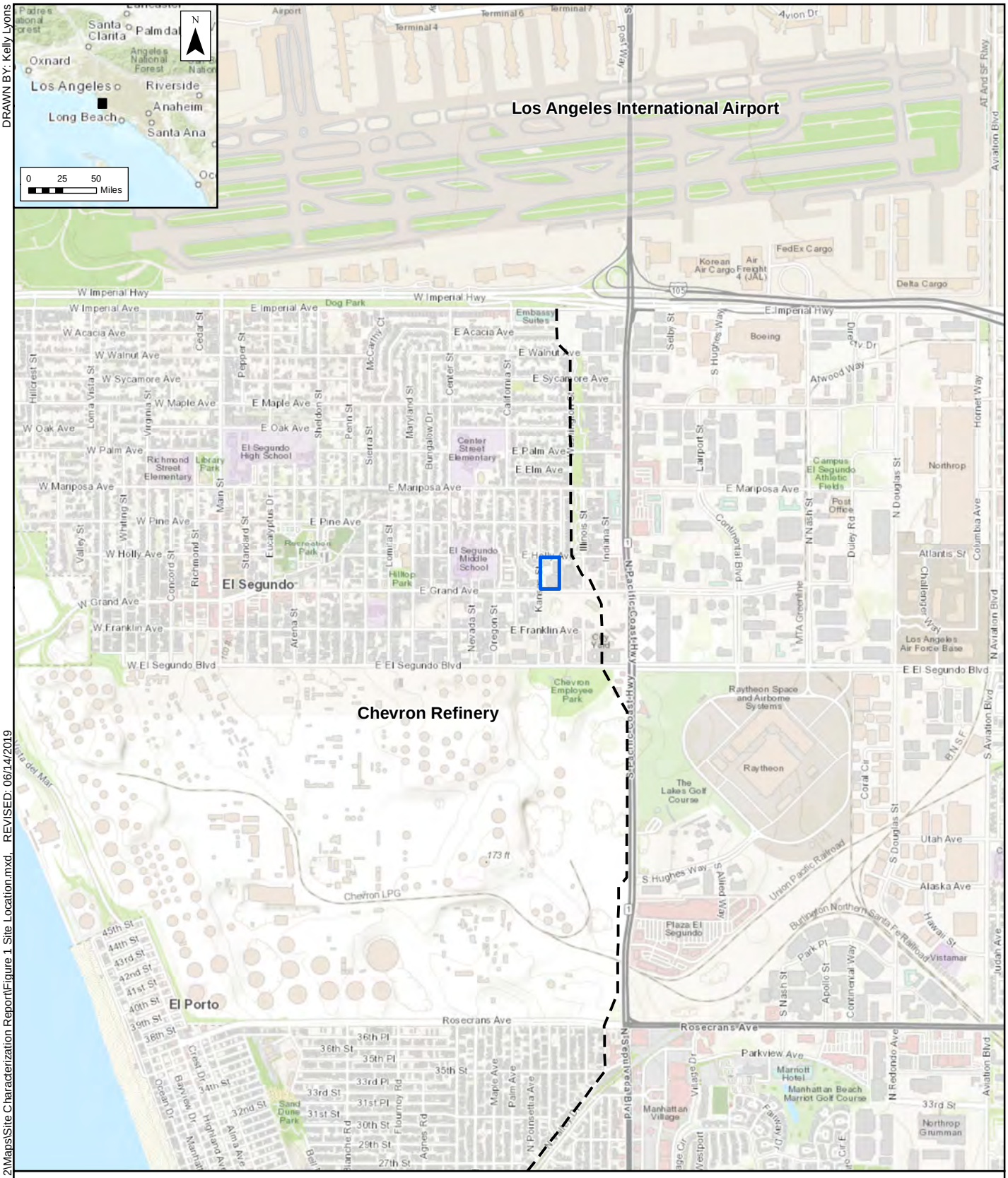


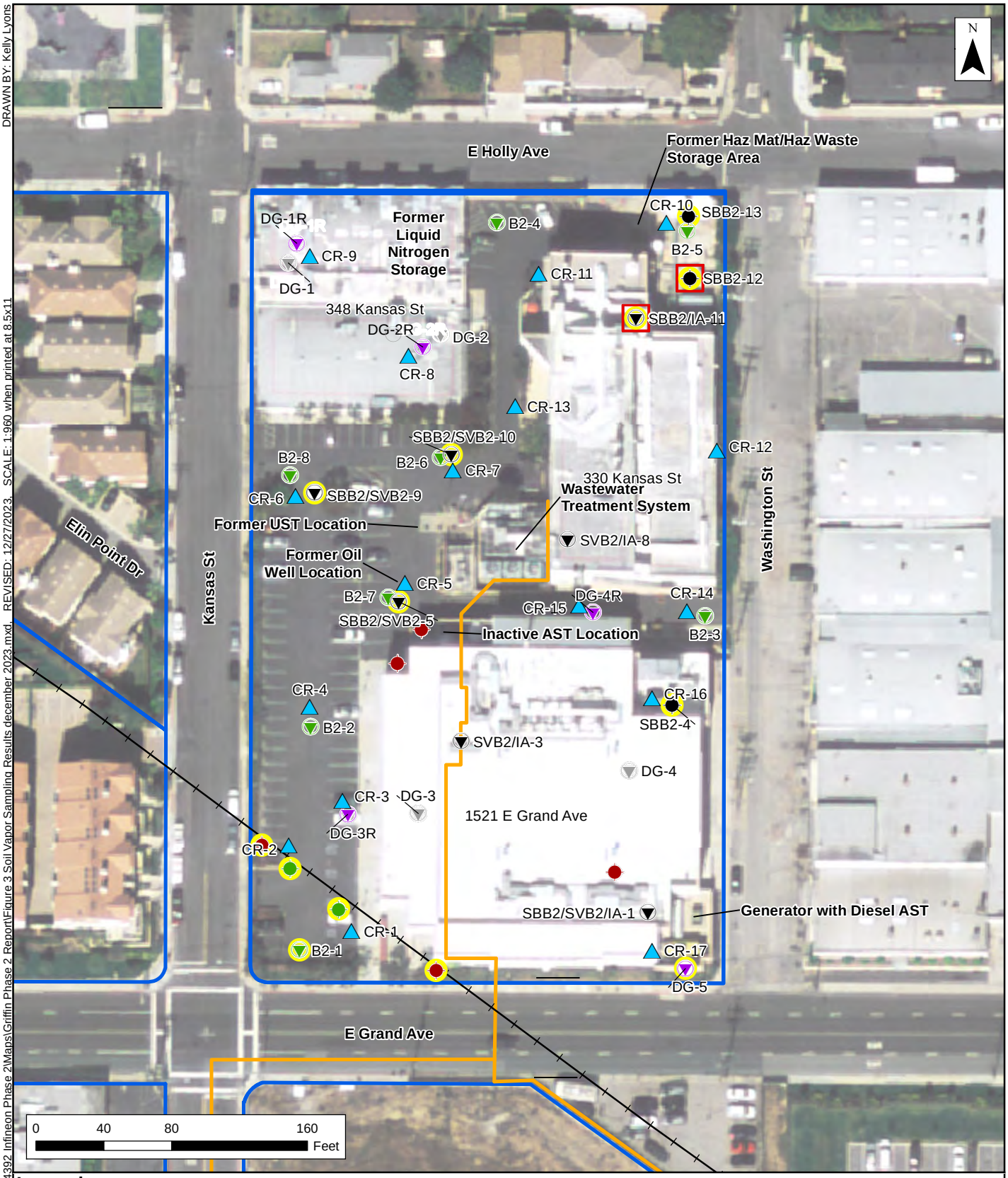
Figure 1
Site Location Map
330/348 Kansas Street
1521 East Grand Avenue
El Segundo, California

Environmental Resources Management
www.erm.com

DRAWN BY: Kelly Lyons

M:\Projects\0444392 Infineon Phase 2\Maps\Site Characterization Report\Figure 1 Site Location.mxd, REVISED: 06/14/2019

Source: Esri - World Topoographic Map; NAD 1983 StatePlane California V FIPS 0405 Feet



Legend

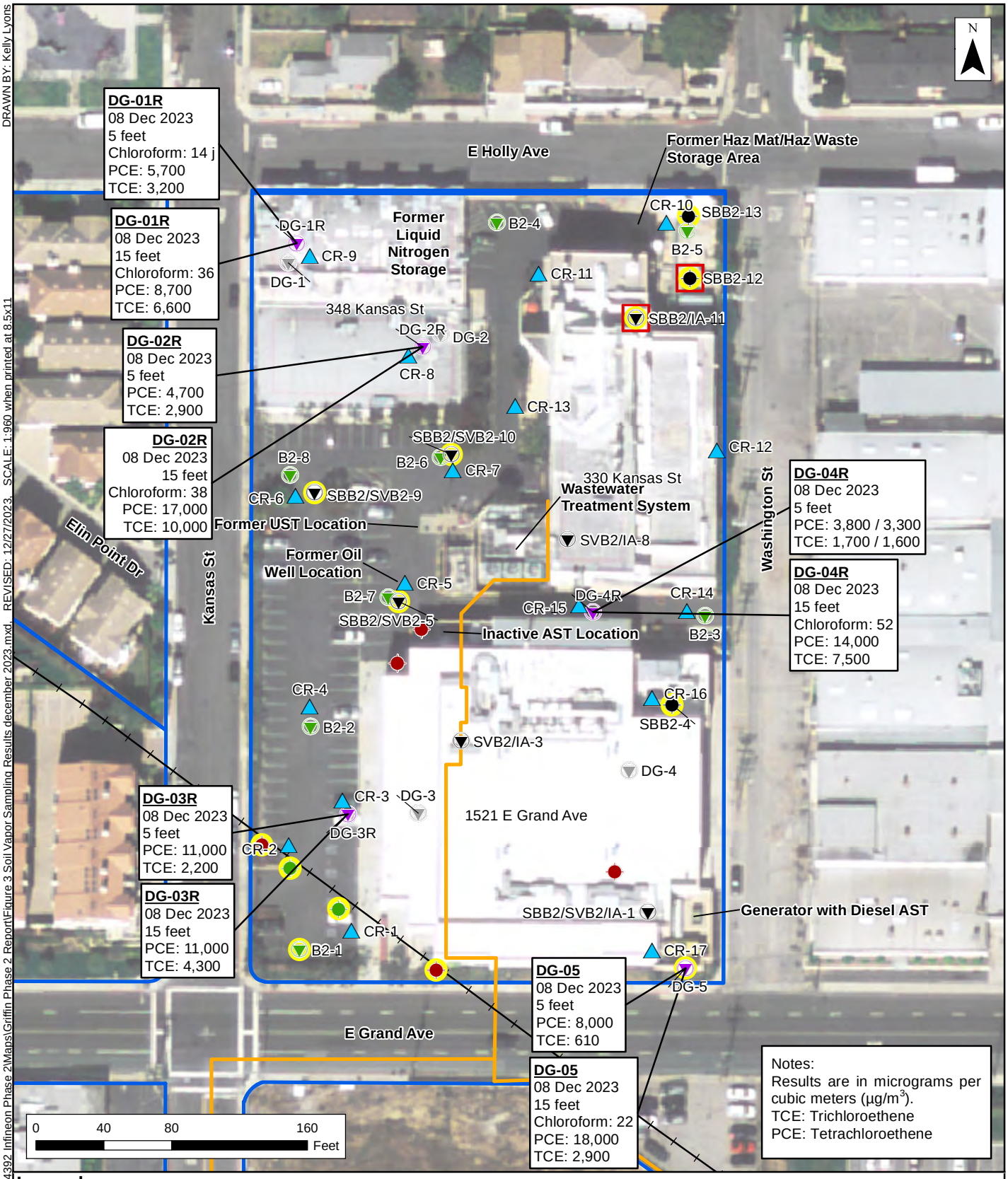
- ERM 2023 Soil Boring and Soil Vapor Sample Location
- Damaged During Redevelopment
- GTI 1996 Soil Boring
- ERM 2017 Soil Boring
- ERM 2017 Indoor Air Sample, Soil Boring, and/or Soil Vapor Sample Location
- ERM 2018 Soil Boring and Soil Vapor Sample
- ERM 2019 Soil Boring
- Soil Sample Location for CrVI analysis
- Sample Analyzed for Metals
- Sample Analyzed for CrVI
- Hydrogen, Nitrogen, and Clean Dry Air Piping
- Former Train Track (Approximate)
- Subject Property

Figure 2
Soil Vapor Sampling Locations
Former Infineon Facility 1521 E Grand Avenue
El Segundo, California

Environmental Resources Management
www.erm.com

Source: Los Angeles Aerial Webservice, 2012; NAD 1983 StatePlane California V FIPS 0405 Feet

DRAWN BY: Kelly Lyons
SCALE: 1:960 when printed at 8.5x11
REVISED: 12/27/2023
M:\US\Projects\G-L\Int_Rectifier\0444392 Infineon Phase 2\Maps\Griffin Phase 2 Report\Figure 3 Soil Vapor Sampling Results december 2023.mxd



Legend

- ERM 2023 Soil Boring and Soil Vapor Sample Location
- Damaged During Redevelopment
- GTI 1996 Soil Boring
- ERM 2017 Soil Boring
- ERM 2017 Indoor Air Sample, Soil Boring, and/or Soil Vapor Sample Location
- ERM 2018 Soil Boring and Soil Vapor Sample
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- Sample Analyzed for CrVI
- Hydrogen, Nitrogen, and Clean Dry Air Piping
- Former Train Track (Approximate)
- Subject Property

Figure 3
Soil Vapor Sampling Results December 2023
Former Infineon Facility
1521 E Grand Avenue
El Segundo, California

Environmental Resources Management
www.erm.com

Source: Los Angeles Aerial Webservice, 2012; NAD 1983 StatePlane California V FIPS 0405 Feet

DRAWN BY: Kelly Lyons
SCALE: 1:960 when printed at 8.5x11
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M:\US\Projects\G-L\Int_Rectifier\0444392 Infineon Phase 2\Maps\Griffin Phase 2 Report\Figure 3 Soil Vapor Sampling Results december 2023.mxd

APPENDIX A LABORATORY REPORTS AND DATA VALIDATION

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MEMO

TO	Nick Milkovich
FROM	Jack James
DATE	26 December 2023
REFERENCE	0596801
SUBJECT	Data Review of Griffin El Segundo December 2023 Soil Vapor Monitoring Samples: M&P Mobile Geochemistry, Inc. Data Package ERM120823-L4.

The data quality was assessed, and any necessary qualifiers were applied following the *USEPA National Functional Guidelines for Organic Superfund Methods Data Review*, November 2020. Field duplicates were assessed following *Environmental Data Review Supplement for Region 1 Data Review Elements and Superfund Specific Guidance/Procedures*, September 2020.

PRESERVATION EVALUATION

The sample shipments were received at the laboratory in good condition. No qualifications were necessary.

HOLDING TIME EVALUATION

The samples were also prepared and analyzed within the method-prescribed time period from the date of collection. No qualifications were necessary.

BLANK EVALUATION

The method sample results were non-detected for each of the target analytes. No data were qualified on the basis of the blank evaluation. The blank results indicate that no contaminants were introduced to the samples during processing or analysis in the laboratory.

CONTINUING CALIBRATION VERIFICATION EVALUATION

The continuing calibration verification (CCV) recoveries were within the laboratory's limits of acceptance, with three exceptions. Detected results were qualified as estimates with a high bias (J+). Non-detect results were not affected by the high recoveries and were not qualified. The CCV recovery outliers and qualified data are presented in Table 1.

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BLANK SPIKE EVALUATION

The laboratory control sample (LCS) recoveries were within the laboratory's limits of acceptance, with the exception presented in Table 2. No data were qualified for the high recovery if the associated analyte was not detected in the samples. Detected results were qualified as estimated with a high bias (J+).

MATRIX SPIKE EVALUATION

Matrix spikes are not performed for air samples.

SURROGATE SPIKE EVALUATION

The surrogate recoveries were within acceptable limits. No qualifications were required based on surrogate recoveries. The surrogate recoveries indicate minimal matrix interference in the samples.

FIELD DUPLICATE EVALUATION

One sample was submitted in duplicate. ERM calculated the differences or RPDs between detected results in Table 3. An RPD control limit of 50 percent for non-aqueous matrices was used when both the sample and the field duplicate results were greater than or equal to five times the reporting limit. A control limit of ± four times the reporting limit (RL) for calculated differences was used when at least one of the results was less than five times the RL. All calculated differences and RPDs were within control limits indicating acceptable field precision.

OVERALL ASSESSMENT

No results were rejected. All of the data, including qualified data, can be used for decision-making purposes; however, the limitations indicated by the applied qualifiers should be considered when using the data. The quality of the data generated during this investigation is acceptable for the preparation of technically defensible documents.

Table 1
Calibration Verification Recoveries Outside of Acceptable Limits
December 2023 Soil Vapor Sampling
Griffin El Segundo
El Segundo, California

Lab Package	CCV Sample ID	Analyte	CCV Result	CCV Limits	Associated Sample	Reported Concentration	Units	ERM Qualifier
ERM120823-L4	CCV in Batch EL30802	Trichlorofluoromethane	High	NR	DG-2R-15-120823	81	µg/m^3	J+
					DG-4R-5-120823	680	µg/m^3	J+
					DUP-1-120823	770	µg/m^3	J+
					DG-4R-15-120823	910	µg/m^3	J+
					DG-5-15-120823	62	µg/m^3	J+
		1,1,2-Trichlorotrifluoroethane	High	NR	DG-1R-15-120823	44	µg/m^3	J+
					DG-2R-15-120823	56	µg/m^3	J+
					DG-3R-5-120823	200	µg/m^3	J+
					DG-3R-15-120823	240	µg/m^3	J+
					DG-4R-15-120823	160	µg/m^3	J+
					DG-5-5-120823	400	µg/m^3	J+
					DG-5-15-120823	1300	µg/m^3	J+

Table 1
Calibration Verification Recoveries Outside of Acceptable Limits
December 2023 Soil Vapor Sampling
Griffin El Segundo
El Segundo, California

Lab Package	CCV Sample ID	Analyte	CCV Result	CCV Limits	Associated Sample	Reported Concentration	Units	ERM Qualifier
ERM120823-L4	CCV in Batch EL30802	1,1-Dichloroethene	High	NR	DG-1R-5-120823	44	µg/m^3	J+
					DG-1R-15-120823	230	µg/m^3	J+
					DG-2R-5-120823	82	µg/m^3	J+
					DG-2R-15-120823	450	µg/m^3	J+
					DG-3R-15-120823	67	µg/m^3	J+
					DG-4R-15-120823	190	µg/m^3	J+
					DG-5-15-120823	70	µg/m^3	J+

Lab package reviewed: ERM120823-L4

Notes:
CCV = Continuing calibration verification
J+ = Detected results are estimated with a high bias
High = Recovery above maximum acceptable limit
ND = Not detected
NR = Not reported
µg/m^3 = Micrograms per cubic meter

Table 2
Spike Recoveries Outside of Acceptable Limits
December 2023 Soil Vapor Sampling
Griffin El Segundo
El Segundo, California

Lab Package	Spike Sample ID	Associated Sample	Analyte	Recovery (%)	Limit (%)	RPD	RPD Limit	Result	Units	ERM Qualifier
LCS										
ERM120823-L4	LCS (EL30802-BS1)	DG-1R-5-120823	1,1-Dichloroethene	132	70-130	--	--	44	µg/m^3	J+
		DG-1R-15-120823						230	µg/m^3	J+
		DG-2R-5-120823						82	µg/m^3	J+
		DG-2R-15-120823						450	µg/m^3	J+
		DG-3R-15-120823						67	µg/m^3	J+
		DG-4R-15-120823						190	µg/m^3	J+
		DG-5-15-120823						70	µg/m^3	J+

Lab package reviewed: ERM120823-L4

Notes:

J+ = Detected results are estimated with a high bias

LCS = Laboratory control sample

µg/m^3 = Micrograms per cubic meter

Table 3
Field Duplicate Evaluation
December 2023 Soil Vapor Sampling
Griffin El Segundo
El Segundo, California

Lab Package	Primary/Duplicate Sample ID	Analyte	Concentration		Report Limit		Difference	Difference Limit	Units	RPD	RPD Limit	ERM Qualifier
			Sample	Duplicate	Sample	Duplicate						
ERM120823-L4	DG-4R-5-120823 DUP-1-120823	Trichlorofluoromethane	680	770	100	100	--	NA	µg/m^3	12	50	--
		Trichloroethene	1700	1600	20	20	--	NA	µg/m^3	6.1	50	--
		Tetrachloroethene	3800	3300	20	20	--	NA	µg/m^3	14	50	--

Lab package reviewed: ERM120823-L4

Notes:
NA = Not applicable
RPD = Relative percent difference
µg/m^3 = Micrograms per cubic meter

Mobile Geochemistry Inc.

15 December 2023



Maggie Tymkow
ERM - Irvine
1920 Main Street, Suite 300
Irvine, CA 92614

H&P Project: ERM120823-L4
Client Project: Griffin - El Segundo

Dear Maggie Tymkow:

Enclosed is the analytical report for the above referenced project. The data herein applies to samples as received by H&P Mobile Geochemistry, Inc. on 08-Dec-23 which were analyzed in accordance with the attached Chain of Custody record(s).

The results for all sample analyses and required QA/QC analyses are presented in the following sections and summarized in the documents:

- Sample Summary
- Case Narrative (if applicable)
- Sample Results
- Quality Control Summary
- Notes and Definitions / Appendix
- Chain of Custody
- Sampling Logs (if applicable)

Unless otherwise noted, I certify that all analyses were performed and reviewed in compliance with our Quality Systems Manual and Standard Operating Procedures. This report shall not be reproduced, except in full, without the written approval of H&P Mobile Geochemistry, Inc.

We at H&P Mobile Geochemistry, Inc. sincerely appreciate the opportunity to provide analytical services to you on this project. If you have any questions or concerns regarding this analytical report, please contact me at your convenience at 760-804-9678.

Sincerely,

Lisa Eminhizer
Laboratory Director

H&P Mobile Geochemistry, Inc. is certified under the National Environmental Laboratory Accreditation Conference (NELAC) for the fields of proficiency and analytes listed on those certificates. H& P is approved as an Environmental Testing Laboratory in accordance with the DoD -ELAP Program and ISO/IEC 17025:2005 programs for the fields of proficiency and analytes included in the certification process and to the extent offered by the accreditation agency. Unless otherwise noted, accreditation certificate numbers, expiration of certificates, and scope of accreditation can be found at: www.handpmg.com/about/certifications. Fields of services and analytes contained in this report that are not listed on the certificates should be considered uncertified or unavailable for certification.

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ERM - Irvine	Project: ERM120823-L4	
1920 Main Street, Suite 300	Project Number: Griffin - El Segundo	Reported:
Irvine, CA 92614	Project Manager: Maggie Tymkow	15-Dec-23 09:04

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
DG-1R-5-120823	E312021-01	Vapor	08-Dec-23	08-Dec-23
DG-1R-15-120823	E312021-02	Vapor	08-Dec-23	08-Dec-23
DG-2R-5-120823	E312021-03	Vapor	08-Dec-23	08-Dec-23
DG-2R-15-120823	E312021-04	Vapor	08-Dec-23	08-Dec-23
DG-3R-5-120823	E312021-05	Vapor	08-Dec-23	08-Dec-23
DG-3R-15-120823	E312021-06	Vapor	08-Dec-23	08-Dec-23
DG-4R-5-120823	E312021-07	Vapor	08-Dec-23	08-Dec-23
DUP-1-120823	E312021-08	Vapor	08-Dec-23	08-Dec-23
DG-4R-15-120823	E312021-09	Vapor	08-Dec-23	08-Dec-23
DG-5-5-120823	E312021-10	Vapor	08-Dec-23	08-Dec-23
DG-5-15-120823	E312021-11	Vapor	08-Dec-23	08-Dec-23

The percent recoveries for Trichlorofluoromethane, 1,1,2-Trichlorotrifluoroethane and 1,1-Dichloroethene fell above the method criteria in the continuing calibration verification. Results for these analytes may be biased high.

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1920 Main Street, Suite 300	Project Number: Griffin - El Segundo	Reported:
Irvine, CA 92614	Project Manager: Maggie Tymkow	15-Dec-23 09:04

Volatile Organic Compounds by H&P 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	MDL	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
DG-1R-5-120823 (E312021-01) Vapor	**Sampled: 08-Dec-23**	**Received: 08-Dec-23**								**J- Report**
1,1-Difluoroethane (LCC)	ND		100	ug/m3	0.01	EL30802	08-Dec-23	08-Dec-23	H&P 8260SV	
Dichlorodifluoromethane (F12)	ND	40	100	"	"	"	"	"	"	
Chloromethane	ND	40	100	"	"	"	"	"	"	
Vinyl chloride	ND	10	10	"	"	"	"	"	"	
Bromomethane	ND	40	100	"	"	"	"	"	"	
Chloroethane	ND	40	100	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	40	100	"	"	"	"	"	"	
1,1-Dichloroethene	**44**	40	100	"	"	"	"	"	"	J
1,1,2 Trichlorotrifluoroethane (F113)	ND	40	100	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	40	100	"	"	"	"	"	"	
Methyl tertiary-butyl ether (MTBE)	ND	40	100	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	40	100	"	"	"	"	"	"	
1,1-Dichloroethane	ND	40	100	"	"	"	"	"	"	
2,2-Dichloropropane	ND	40	100	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	40	100	"	"	"	"	"	"	
Chloroform	**14**	10	20	"	"	"	"	"	"	J
Bromochloromethane	ND	40	100	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	40	100	"	"	"	"	"	"	
1,1-Dichloropropene	ND	40	100	"	"	"	"	"	"	
Carbon tetrachloride	ND	10	20	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	10	20	"	"	"	"	"	"	
Benzene	ND	10	20	"	"	"	"	"	"	
Trichloroethene	**3200**	12	20	"	"	"	"	"	"	
1,2-Dichloropropane	ND	40	100	"	"	"	"	"	"	
Bromodichloromethane	ND	40	100	"	"	"	"	"	"	
Dibromomethane	ND	40	100	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	40	100	"	"	"	"	"	"	
Toluene	ND	80	200	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	40	100	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	40	100	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	40	100	"	"	"	"	"	"	
1,3-Dichloropropane	ND	40	100	"	"	"	"	"	"	
Tetrachloroethene	**5700**	16	20	"	"	"	"	"	"	
Dibromochloromethane	ND	40	100	"	"	"	"	"	"	
Chlorobenzene	ND	10	20	"	"	"	"	"	"	
Ethylbenzene	ND	40	100	"	"	"	"	"	"	

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ERM - Irvine	Project: ERM120823-L4	
1920 Main Street, Suite 300	Project Number: Griffin - El Segundo	Reported:
Irvine, CA 92614	Project Manager: Maggie Tymkow	15-Dec-23 09:04

Volatile Organic Compounds by H&P 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	MDL	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
DG-1R-5-120823 (E312021-01) Vapor	**Sampled: 08-Dec-23**	**Received: 08-Dec-23**								**J- Report**
1,1,1,2-Tetrachloroethane	ND	40	100	ug/m3	0.01	EL30802	08-Dec-23	08-Dec-23	H&P 8260SV	
m,p-Xylene	ND	40	100	"	"	"	"	"	"	
o-Xylene	ND	40	100	"	"	"	"	"	"	
Styrene	ND	40	100	"	"	"	"	"	"	
Bromoform	ND	40	100	"	"	"	"	"	"	
Isopropylbenzene (Cumene)	ND	40	100	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	40	100	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	40	100	"	"	"	"	"	"	
n-Propylbenzene	ND	40	100	"	"	"	"	"	"	
Bromobenzene	ND	40	100	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	40	100	"	"	"	"	"	"	
2-Chlorotoluene	ND	40	100	"	"	"	"	"	"	
4-Chlorotoluene	ND	40	100	"	"	"	"	"	"	
tert-Butylbenzene	ND	40	100	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	40	100	"	"	"	"	"	"	
sec-Butylbenzene	ND	40	100	"	"	"	"	"	"	
p-Isopropyltoluene	ND	40	100	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	40	100	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	40	100	"	"	"	"	"	"	
n-Butylbenzene	ND	40	100	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	40	100	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	400	1000	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	40	100	"	"	"	"	"	"	
Hexachlorobutadiene	ND	40	100	"	"	"	"	"	"	
Naphthalene	ND	20	20	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	40	100	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane			*106 %*		*75-125*	"	"	"	"	
Surrogate: Toluene-d8			*111 %*		*75-125*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene			*112 %*		*75-125*	"	"	"	"	

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ERM - Irvine	Project: ERM120823-L4	
1920 Main Street, Suite 300	Project Number: Griffin - El Segundo	Reported:
Irvine, CA 92614	Project Manager: Maggie Tymkow	15-Dec-23 09:04

Volatile Organic Compounds by H&P 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	MDL	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
DG-1R-15-120823 (E312021-02) Vapor	**Sampled: 08-Dec-23**		**Received: 08-Dec-23**							**J- Report**
1,1-Difluoroethane (LCC)	ND		100	ug/m3	0.01	EL30802	08-Dec-23	08-Dec-23	H&P 8260SV	
Dichlorodifluoromethane (F12)	ND	40	100	"	"	"	"	"	"	
Chloromethane	ND	40	100	"	"	"	"	"	"	
Vinyl chloride	ND	10	10	"	"	"	"	"	"	
Bromomethane	ND	40	100	"	"	"	"	"	"	
Chloroethane	ND	40	100	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	40	100	"	"	"	"	"	"	
1,1-Dichloroethene	**230**	40	100	"	"	"	"	"	"	
1,1,2 Trichlorotrifluoroethane (F113)	**44**	40	100	"	"	"	"	"	"	J
Methylene chloride (Dichloromethane)	ND	40	100	"	"	"	"	"	"	
Methyl tertiary-butyl ether (MTBE)	ND	40	100	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	40	100	"	"	"	"	"	"	
1,1-Dichloroethane	ND	40	100	"	"	"	"	"	"	
2,2-Dichloropropane	ND	40	100	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	40	100	"	"	"	"	"	"	
Chloroform	**36**	10	20	"	"	"	"	"	"	
Bromochloromethane	ND	40	100	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	40	100	"	"	"	"	"	"	
1,1-Dichloropropene	ND	40	100	"	"	"	"	"	"	
Carbon tetrachloride	ND	10	20	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	10	20	"	"	"	"	"	"	
Benzene	ND	10	20	"	"	"	"	"	"	
Trichloroethene	**6600**	12	20	"	"	"	"	"	"	
1,2-Dichloropropane	ND	40	100	"	"	"	"	"	"	
Bromodichloromethane	ND	40	100	"	"	"	"	"	"	
Dibromomethane	ND	40	100	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	40	100	"	"	"	"	"	"	
Toluene	ND	80	200	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	40	100	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	40	100	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	40	100	"	"	"	"	"	"	
1,3-Dichloropropane	ND	40	100	"	"	"	"	"	"	
Tetrachloroethene	**8700**	16	20	"	"	"	"	"	"	
Dibromochloromethane	ND	40	100	"	"	"	"	"	"	
Chlorobenzene	ND	10	20	"	"	"	"	"	"	
Ethylbenzene	ND	40	100	"	"	"	"	"	"	

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ERM - Irvine	Project: ERM120823-L4	
1920 Main Street, Suite 300	Project Number: Griffin - El Segundo	Reported:
Irvine, CA 92614	Project Manager: Maggie Tymkow	15-Dec-23 09:04

Volatile Organic Compounds by H&P 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	MDL	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
DG-1R-15-120823 (E312021-02) Vapor	**Sampled: 08-Dec-23**	**Received: 08-Dec-23**								**J- Report**
1,1,1,2-Tetrachloroethane	ND	40	100	ug/m3	0.01	EL30802	08-Dec-23	08-Dec-23	H&P 8260SV	
m,p-Xylene	ND	40	100	"	"	"	"	"	"	
o-Xylene	ND	40	100	"	"	"	"	"	"	
Styrene	ND	40	100	"	"	"	"	"	"	
Bromoform	ND	40	100	"	"	"	"	"	"	
Isopropylbenzene (Cumene)	ND	40	100	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	40	100	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	40	100	"	"	"	"	"	"	
n-Propylbenzene	ND	40	100	"	"	"	"	"	"	
Bromobenzene	ND	40	100	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	40	100	"	"	"	"	"	"	
2-Chlorotoluene	ND	40	100	"	"	"	"	"	"	
4-Chlorotoluene	ND	40	100	"	"	"	"	"	"	
tert-Butylbenzene	ND	40	100	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	40	100	"	"	"	"	"	"	
sec-Butylbenzene	ND	40	100	"	"	"	"	"	"	
p-Isopropyltoluene	ND	40	100	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	40	100	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	40	100	"	"	"	"	"	"	
n-Butylbenzene	ND	40	100	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	40	100	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	400	1000	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	40	100	"	"	"	"	"	"	
Hexachlorobutadiene	ND	40	100	"	"	"	"	"	"	
Naphthalene	ND	20	20	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	40	100	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane			*98.9 %*	*75-125*		"	"	"	"	
Surrogate: Toluene-d8			*114 %*	*75-125*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene			*110 %*	*75-125*		"	"	"	"	

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ERM - Irvine	Project: ERM120823-L4	
1920 Main Street, Suite 300	Project Number: Griffin - El Segundo	Reported:
Irvine, CA 92614	Project Manager: Maggie Tymkow	15-Dec-23 09:04

Volatile Organic Compounds by H&P 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	MDL	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
DG-2R-5-120823 (E312021-03) Vapor	**Sampled: 08-Dec-23**	**Received: 08-Dec-23**								**J- Report**
1,1-Difluoroethane (LCC)	ND		100	ug/m3	0.01	EL30802	08-Dec-23	08-Dec-23	H&P 8260SV	
Dichlorodifluoromethane (F12)	ND	40	100	"	"	"	"	"	"	
Chloromethane	ND	40	100	"	"	"	"	"	"	
Vinyl chloride	ND	10	10	"	"	"	"	"	"	
Bromomethane	ND	40	100	"	"	"	"	"	"	
Chloroethane	ND	40	100	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	40	100	"	"	"	"	"	"	
1,1-Dichloroethene	**82**	40	100	"	"	"	"	"	"	J
1,1,2 Trichlorotrifluoroethane (F113)	ND	40	100	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	40	100	"	"	"	"	"	"	
Methyl tertiary-butyl ether (MTBE)	ND	40	100	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	40	100	"	"	"	"	"	"	
1,1-Dichloroethane	ND	40	100	"	"	"	"	"	"	
2,2-Dichloropropane	ND	40	100	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	40	100	"	"	"	"	"	"	
Chloroform	ND	10	20	"	"	"	"	"	"	
Bromochloromethane	ND	40	100	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	40	100	"	"	"	"	"	"	
1,1-Dichloropropene	ND	40	100	"	"	"	"	"	"	
Carbon tetrachloride	ND	10	20	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	10	20	"	"	"	"	"	"	
Benzene	ND	10	20	"	"	"	"	"	"	
Trichloroethene	**2900**	12	20	"	"	"	"	"	"	
1,2-Dichloropropane	ND	40	100	"	"	"	"	"	"	
Bromodichloromethane	ND	40	100	"	"	"	"	"	"	
Dibromomethane	ND	40	100	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	40	100	"	"	"	"	"	"	
Toluene	ND	80	200	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	40	100	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	40	100	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	40	100	"	"	"	"	"	"	
1,3-Dichloropropane	ND	40	100	"	"	"	"	"	"	
Tetrachloroethene	**4700**	16	20	"	"	"	"	"	"	
Dibromochloromethane	ND	40	100	"	"	"	"	"	"	
Chlorobenzene	ND	10	20	"	"	"	"	"	"	
Ethylbenzene	ND	40	100	"	"	"	"	"	"	

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Volatile Organic Compounds by H&P 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	MDL	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
DG-2R-5-120823 (E312021-03) Vapor	**Sampled: 08-Dec-23**	**Received: 08-Dec-23**								**J- Report**
1,1,1,2-Tetrachloroethane	ND	40	100	ug/m3	0.01	EL30802	08-Dec-23	08-Dec-23	H&P 8260SV	
m,p-Xylene	ND	40	100	"	"	"	"	"	"	
o-Xylene	ND	40	100	"	"	"	"	"	"	
Styrene	ND	40	100	"	"	"	"	"	"	
Bromoform	ND	40	100	"	"	"	"	"	"	
Isopropylbenzene (Cumene)	ND	40	100	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	40	100	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	40	100	"	"	"	"	"	"	
n-Propylbenzene	ND	40	100	"	"	"	"	"	"	
Bromobenzene	ND	40	100	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	40	100	"	"	"	"	"	"	
2-Chlorotoluene	ND	40	100	"	"	"	"	"	"	
4-Chlorotoluene	ND	40	100	"	"	"	"	"	"	
tert-Butylbenzene	ND	40	100	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	40	100	"	"	"	"	"	"	
sec-Butylbenzene	ND	40	100	"	"	"	"	"	"	
p-Isopropyltoluene	ND	40	100	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	40	100	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	40	100	"	"	"	"	"	"	
n-Butylbenzene	ND	40	100	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	40	100	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	400	1000	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	40	100	"	"	"	"	"	"	
Hexachlorobutadiene	ND	40	100	"	"	"	"	"	"	
Naphthalene	ND	20	20	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	40	100	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane			*118 %*		*75-125*	"	"	"	"	
Surrogate: Toluene-d8			*109 %*		*75-125*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene			*113 %*		*75-125*	"	"	"	"	

H&P Mobile
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ERM - Irvine	Project: ERM120823-L4	
1920 Main Street, Suite 300	Project Number: Griffin - El Segundo	Reported:
Irvine, CA 92614	Project Manager: Maggie Tymkow	15-Dec-23 09:04

Volatile Organic Compounds by H&P 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	MDL	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
DG-2R-15-120823 (E312021-04) Vapor	**Sampled: 08-Dec-23**		**Received: 08-Dec-23**							**J- Report**
1,1-Difluoroethane (LCC)	ND		100	ug/m3	0.01	EL30802	08-Dec-23	08-Dec-23	H&P 8260SV	
Dichlorodifluoromethane (F12)	ND	40	100	"	"	"	"	"	"	
Chloromethane	ND	40	100	"	"	"	"	"	"	
Vinyl chloride	ND	10	10	"	"	"	"	"	"	
Bromomethane	ND	40	100	"	"	"	"	"	"	
Chloroethane	ND	40	100	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	**81**	40	100	"	"	"	"	"	"	J
1,1-Dichloroethene	**450**	40	100	"	"	"	"	"	"	
1,1,2 Trichlorotrifluoroethane (F113)	**56**	40	100	"	"	"	"	"	"	J
Methylene chloride (Dichloromethane)	ND	40	100	"	"	"	"	"	"	
Methyl tertiary-butyl ether (MTBE)	ND	40	100	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	40	100	"	"	"	"	"	"	
1,1-Dichloroethane	ND	40	100	"	"	"	"	"	"	
2,2-Dichloropropane	ND	40	100	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	40	100	"	"	"	"	"	"	
Chloroform	**38**	10	20	"	"	"	"	"	"	
Bromochloromethane	ND	40	100	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	40	100	"	"	"	"	"	"	
1,1-Dichloropropene	ND	40	100	"	"	"	"	"	"	
Carbon tetrachloride	ND	10	20	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	10	20	"	"	"	"	"	"	
Benzene	ND	10	20	"	"	"	"	"	"	
Trichloroethene	**10000**	12	20	"	"	"	"	"	"	
1,2-Dichloropropane	ND	40	100	"	"	"	"	"	"	
Bromodichloromethane	ND	40	100	"	"	"	"	"	"	
Dibromomethane	ND	40	100	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	40	100	"	"	"	"	"	"	
Toluene	ND	80	200	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	40	100	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	40	100	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	40	100	"	"	"	"	"	"	
1,3-Dichloropropane	ND	40	100	"	"	"	"	"	"	
Tetrachloroethene	**17000**	16	20	"	"	"	"	"	"	
Dibromochloromethane	ND	40	100	"	"	"	"	"	"	
Chlorobenzene	ND	10	20	"	"	"	"	"	"	
Ethylbenzene	ND	40	100	"	"	"	"	"	"	

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ERM - Irvine	Project: ERM120823-L4	
1920 Main Street, Suite 300	Project Number: Griffin - El Segundo	Reported:
Irvine, CA 92614	Project Manager: Maggie Tymkow	15-Dec-23 09:04

Volatile Organic Compounds by H&P 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	MDL	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
DG-2R-15-120823 (E312021-04) Vapor	**Sampled: 08-Dec-23**	**Received: 08-Dec-23**								**J- Report**
1,1,1,2-Tetrachloroethane	ND	40	100	ug/m3	0.01	EL30802	08-Dec-23	08-Dec-23	H&P 8260SV	
m,p-Xylene	ND	40	100	"	"	"	"	"	"	
o-Xylene	ND	40	100	"	"	"	"	"	"	
Styrene	ND	40	100	"	"	"	"	"	"	
Bromoform	ND	40	100	"	"	"	"	"	"	
Isopropylbenzene (Cumene)	ND	40	100	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	40	100	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	40	100	"	"	"	"	"	"	
n-Propylbenzene	ND	40	100	"	"	"	"	"	"	
Bromobenzene	ND	40	100	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	40	100	"	"	"	"	"	"	
2-Chlorotoluene	ND	40	100	"	"	"	"	"	"	
4-Chlorotoluene	ND	40	100	"	"	"	"	"	"	
tert-Butylbenzene	ND	40	100	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	40	100	"	"	"	"	"	"	
sec-Butylbenzene	ND	40	100	"	"	"	"	"	"	
p-Isopropyltoluene	ND	40	100	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	40	100	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	40	100	"	"	"	"	"	"	
n-Butylbenzene	ND	40	100	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	40	100	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	400	1000	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	40	100	"	"	"	"	"	"	
Hexachlorobutadiene	ND	40	100	"	"	"	"	"	"	
Naphthalene	ND	20	20	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	40	100	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane			*113 %*		*75-125*	"	"	"	"	
Surrogate: Toluene-d8			*113 %*		*75-125*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene			*114 %*		*75-125*	"	"	"	"	

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ERM - Irvine	Project: ERM120823-L4	
1920 Main Street, Suite 300	Project Number: Griffin - El Segundo	Reported:
Irvine, CA 92614	Project Manager: Maggie Tymkow	15-Dec-23 09:04

Volatile Organic Compounds by H&P 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	MDL	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
DG-3R-5-120823 (E312021-05) Vapor	**Sampled: 08-Dec-23**	**Received: 08-Dec-23**								**J- Report**
1,1-Difluoroethane (LCC)	ND		100	ug/m3	0.01	EL30802	08-Dec-23	08-Dec-23	H&P 8260SV	
Dichlorodifluoromethane (F12)	ND	40	100	"	"	"	"	"	"	
Chloromethane	ND	40	100	"	"	"	"	"	"	
Vinyl chloride	ND	10	10	"	"	"	"	"	"	
Bromomethane	ND	40	100	"	"	"	"	"	"	
Chloroethane	ND	40	100	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	40	100	"	"	"	"	"	"	
1,1-Dichloroethene	ND	40	100	"	"	"	"	"	"	
1,1,2 Trichlorotrifluoroethane (F113)	**200**	40	100	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	40	100	"	"	"	"	"	"	
Methyl tertiary-butyl ether (MTBE)	ND	40	100	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	40	100	"	"	"	"	"	"	
1,1-Dichloroethane	ND	40	100	"	"	"	"	"	"	
2,2-Dichloropropane	ND	40	100	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	40	100	"	"	"	"	"	"	
Chloroform	ND	10	20	"	"	"	"	"	"	
Bromochloromethane	ND	40	100	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	40	100	"	"	"	"	"	"	
1,1-Dichloropropene	ND	40	100	"	"	"	"	"	"	
Carbon tetrachloride	ND	10	20	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	10	20	"	"	"	"	"	"	
Benzene	ND	10	20	"	"	"	"	"	"	
Trichloroethene	**2200**	12	20	"	"	"	"	"	"	
1,2-Dichloropropane	ND	40	100	"	"	"	"	"	"	
Bromodichloromethane	ND	40	100	"	"	"	"	"	"	
Dibromomethane	ND	40	100	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	40	100	"	"	"	"	"	"	
Toluene	ND	80	200	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	40	100	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	40	100	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	40	100	"	"	"	"	"	"	
1,3-Dichloropropane	ND	40	100	"	"	"	"	"	"	
Tetrachloroethene	**11000**	16	20	"	"	"	"	"	"	
Dibromochloromethane	ND	40	100	"	"	"	"	"	"	
Chlorobenzene	ND	10	20	"	"	"	"	"	"	
Ethylbenzene	ND	40	100	"	"	"	"	"	"	

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ERM - Irvine	Project: ERM120823-L4	
1920 Main Street, Suite 300	Project Number: Griffin - El Segundo	Reported:
Irvine, CA 92614	Project Manager: Maggie Tymkow	15-Dec-23 09:04

Volatile Organic Compounds by H&P 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	MDL	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
DG-3R-5-120823 (E312021-05) Vapor	**Sampled: 08-Dec-23**	**Received: 08-Dec-23**								**J- Report**
1,1,1,2-Tetrachloroethane	ND	40	100	ug/m3	0.01	EL30802	08-Dec-23	08-Dec-23	H&P 8260SV	
m,p-Xylene	ND	40	100	"	"	"	"	"	"	
o-Xylene	ND	40	100	"	"	"	"	"	"	
Styrene	ND	40	100	"	"	"	"	"	"	
Bromoform	ND	40	100	"	"	"	"	"	"	
Isopropylbenzene (Cumene)	ND	40	100	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	40	100	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	40	100	"	"	"	"	"	"	
n-Propylbenzene	ND	40	100	"	"	"	"	"	"	
Bromobenzene	ND	40	100	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	40	100	"	"	"	"	"	"	
2-Chlorotoluene	ND	40	100	"	"	"	"	"	"	
4-Chlorotoluene	ND	40	100	"	"	"	"	"	"	
tert-Butylbenzene	ND	40	100	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	40	100	"	"	"	"	"	"	
sec-Butylbenzene	ND	40	100	"	"	"	"	"	"	
p-Isopropyltoluene	ND	40	100	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	40	100	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	40	100	"	"	"	"	"	"	
n-Butylbenzene	ND	40	100	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	40	100	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	400	1000	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	40	100	"	"	"	"	"	"	
Hexachlorobutadiene	ND	40	100	"	"	"	"	"	"	
Naphthalene	ND	20	20	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	40	100	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane			*106 %*		*75-125*	"	"	"	"	
Surrogate: Toluene-d8			*113 %*		*75-125*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene			*119 %*		*75-125*	"	"	"	"	

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ERM - Irvine	Project: ERM120823-L4	
1920 Main Street, Suite 300	Project Number: Griffin - El Segundo	Reported:
Irvine, CA 92614	Project Manager: Maggie Tymkow	15-Dec-23 09:04

Volatile Organic Compounds by H&P 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	MDL	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
DG-3R-15-120823 (E312021-06) Vapor	**Sampled: 08-Dec-23**		**Received: 08-Dec-23**							**J- Report**
1,1-Difluoroethane (LCC)	ND		100	ug/m3	0.01	EL30802	08-Dec-23	08-Dec-23	H&P 8260SV	
Dichlorodifluoromethane (F12)	ND	40	100	"	"	"	"	"	"	
Chloromethane	ND	40	100	"	"	"	"	"	"	
Vinyl chloride	ND	10	10	"	"	"	"	"	"	
Bromomethane	ND	40	100	"	"	"	"	"	"	
Chloroethane	ND	40	100	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	40	100	"	"	"	"	"	"	
1,1-Dichloroethene	**67**	40	100	"	"	"	"	"	"	J
1,1,2 Trichlorotrifluoroethane (F113)	**240**	40	100	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	40	100	"	"	"	"	"	"	
Methyl tertiary-butyl ether (MTBE)	ND	40	100	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	40	100	"	"	"	"	"	"	
1,1-Dichloroethane	ND	40	100	"	"	"	"	"	"	
2,2-Dichloropropane	ND	40	100	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	40	100	"	"	"	"	"	"	
Chloroform	ND	10	20	"	"	"	"	"	"	
Bromochloromethane	ND	40	100	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	40	100	"	"	"	"	"	"	
1,1-Dichloropropene	ND	40	100	"	"	"	"	"	"	
Carbon tetrachloride	ND	10	20	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	10	20	"	"	"	"	"	"	
Benzene	ND	10	20	"	"	"	"	"	"	
Trichloroethene	**4300**	12	20	"	"	"	"	"	"	
1,2-Dichloropropane	ND	40	100	"	"	"	"	"	"	
Bromodichloromethane	ND	40	100	"	"	"	"	"	"	
Dibromomethane	ND	40	100	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	40	100	"	"	"	"	"	"	
Toluene	ND	80	200	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	40	100	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	40	100	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	40	100	"	"	"	"	"	"	
1,3-Dichloropropane	ND	40	100	"	"	"	"	"	"	
Tetrachloroethene	**11000**	16	20	"	"	"	"	"	"	
Dibromochloromethane	ND	40	100	"	"	"	"	"	"	
Chlorobenzene	ND	10	20	"	"	"	"	"	"	
Ethylbenzene	ND	40	100	"	"	"	"	"	"	

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ERM - Irvine	Project: ERM120823-L4	
1920 Main Street, Suite 300	Project Number: Griffin - El Segundo	Reported:
Irvine, CA 92614	Project Manager: Maggie Tymkow	15-Dec-23 09:04

Volatile Organic Compounds by H&P 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	MDL	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
DG-3R-15-120823 (E312021-06) Vapor	**Sampled: 08-Dec-23**	**Received: 08-Dec-23**								**J- Report**
1,1,1,2-Tetrachloroethane	ND	40	100	ug/m3	0.01	EL30802	08-Dec-23	08-Dec-23	H&P 8260SV	
m,p-Xylene	ND	40	100	"	"	"	"	"	"	
o-Xylene	ND	40	100	"	"	"	"	"	"	
Styrene	ND	40	100	"	"	"	"	"	"	
Bromoform	ND	40	100	"	"	"	"	"	"	
Isopropylbenzene (Cumene)	ND	40	100	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	40	100	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	40	100	"	"	"	"	"	"	
n-Propylbenzene	ND	40	100	"	"	"	"	"	"	
Bromobenzene	ND	40	100	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	40	100	"	"	"	"	"	"	
2-Chlorotoluene	ND	40	100	"	"	"	"	"	"	
4-Chlorotoluene	ND	40	100	"	"	"	"	"	"	
tert-Butylbenzene	ND	40	100	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	40	100	"	"	"	"	"	"	
sec-Butylbenzene	ND	40	100	"	"	"	"	"	"	
p-Isopropyltoluene	ND	40	100	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	40	100	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	40	100	"	"	"	"	"	"	
n-Butylbenzene	ND	40	100	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	40	100	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	400	1000	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	40	100	"	"	"	"	"	"	
Hexachlorobutadiene	ND	40	100	"	"	"	"	"	"	
Naphthalene	ND	20	20	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	40	100	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane			*109 %*		*75-125*	"	"	"	"	
Surrogate: Toluene-d8			*113 %*		*75-125*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene			*112 %*		*75-125*	"	"	"	"	

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ERM - Irvine	Project: ERM120823-L4	
1920 Main Street, Suite 300	Project Number: Griffin - El Segundo	Reported:
Irvine, CA 92614	Project Manager: Maggie Tymkow	15-Dec-23 09:04

Volatile Organic Compounds by H&P 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	MDL	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
DG-4R-5-120823 (E312021-07) Vapor	**Sampled: 08-Dec-23**	**Received: 08-Dec-23**								**J- Report**
1,1-Difluoroethane (LCC)	ND		100	ug/m3	0.01	EL30802	08-Dec-23	08-Dec-23	H&P 8260SV	
Dichlorodifluoromethane (F12)	ND	40	100	"	"	"	"	"	"	
Chloromethane	ND	40	100	"	"	"	"	"	"	
Vinyl chloride	ND	10	10	"	"	"	"	"	"	
Bromomethane	ND	40	100	"	"	"	"	"	"	
Chloroethane	ND	40	100	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	**680**	40	100	"	"	"	"	"	"	
1,1-Dichloroethene	ND	40	100	"	"	"	"	"	"	
1,1,2 Trichlorotrifluoroethane (F113)	ND	40	100	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	40	100	"	"	"	"	"	"	
Methyl tertiary-butyl ether (MTBE)	ND	40	100	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	40	100	"	"	"	"	"	"	
1,1-Dichloroethane	ND	40	100	"	"	"	"	"	"	
2,2-Dichloropropane	ND	40	100	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	40	100	"	"	"	"	"	"	
Chloroform	ND	10	20	"	"	"	"	"	"	
Bromochloromethane	ND	40	100	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	40	100	"	"	"	"	"	"	
1,1-Dichloropropene	ND	40	100	"	"	"	"	"	"	
Carbon tetrachloride	ND	10	20	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	10	20	"	"	"	"	"	"	
Benzene	ND	10	20	"	"	"	"	"	"	
Trichloroethene	**1700**	12	20	"	"	"	"	"	"	
1,2-Dichloropropane	ND	40	100	"	"	"	"	"	"	
Bromodichloromethane	ND	40	100	"	"	"	"	"	"	
Dibromomethane	ND	40	100	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	40	100	"	"	"	"	"	"	
Toluene	ND	80	200	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	40	100	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	40	100	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	40	100	"	"	"	"	"	"	
1,3-Dichloropropane	ND	40	100	"	"	"	"	"	"	
Tetrachloroethene	**3800**	16	20	"	"	"	"	"	"	
Dibromochloromethane	ND	40	100	"	"	"	"	"	"	
Chlorobenzene	ND	10	20	"	"	"	"	"	"	
Ethylbenzene	ND	40	100	"	"	"	"	"	"	

H&P Mobile
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ERM - Irvine	Project: ERM120823-L4	
1920 Main Street, Suite 300	Project Number: Griffin - El Segundo	Reported:
Irvine, CA 92614	Project Manager: Maggie Tymkow	15-Dec-23 09:04

Volatile Organic Compounds by H&P 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	MDL	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
DG-4R-5-120823 (E312021-07) Vapor	**Sampled: 08-Dec-23**	**Received: 08-Dec-23**								**J- Report**
1,1,1,2-Tetrachloroethane	ND	40	100	ug/m3	0.01	EL30802	08-Dec-23	08-Dec-23	H&P 8260SV	
m,p-Xylene	ND	40	100	"	"	"	"	"	"	
o-Xylene	ND	40	100	"	"	"	"	"	"	
Styrene	ND	40	100	"	"	"	"	"	"	
Bromoform	ND	40	100	"	"	"	"	"	"	
Isopropylbenzene (Cumene)	ND	40	100	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	40	100	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	40	100	"	"	"	"	"	"	
n-Propylbenzene	ND	40	100	"	"	"	"	"	"	
Bromobenzene	ND	40	100	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	40	100	"	"	"	"	"	"	
2-Chlorotoluene	ND	40	100	"	"	"	"	"	"	
4-Chlorotoluene	ND	40	100	"	"	"	"	"	"	
tert-Butylbenzene	ND	40	100	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	40	100	"	"	"	"	"	"	
sec-Butylbenzene	ND	40	100	"	"	"	"	"	"	
p-Isopropyltoluene	ND	40	100	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	40	100	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	40	100	"	"	"	"	"	"	
n-Butylbenzene	ND	40	100	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	40	100	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	400	1000	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	40	100	"	"	"	"	"	"	
Hexachlorobutadiene	ND	40	100	"	"	"	"	"	"	
Naphthalene	ND	20	20	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	40	100	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane			*109 %*		*75-125*	"	"	"	"	
Surrogate: Toluene-d8			*111 %*		*75-125*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene			*113 %*		*75-125*	"	"	"	"	

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ERM - Irvine	Project: ERM120823-L4	
1920 Main Street, Suite 300	Project Number: Griffin - El Segundo	Reported:
Irvine, CA 92614	Project Manager: Maggie Tymkow	15-Dec-23 09:04

Volatile Organic Compounds by H&P 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	MDL	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
DUP-1-120823 (E312021-08) Vapor	**Sampled: 08-Dec-23**	**Received: 08-Dec-23**								**J- Report**
1,1-Difluoroethane (LCC)	ND		100	ug/m3	0.01	EL30802	08-Dec-23	08-Dec-23	H&P 8260SV	
Dichlorodifluoromethane (F12)	ND	40	100	"	"	"	"	"	"	
Chloromethane	ND	40	100	"	"	"	"	"	"	
Vinyl chloride	ND	10	10	"	"	"	"	"	"	
Bromomethane	ND	40	100	"	"	"	"	"	"	
Chloroethane	ND	40	100	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	**770**	40	100	"	"	"	"	"	"	
1,1-Dichloroethene	ND	40	100	"	"	"	"	"	"	
1,1,2 Trichlorotrifluoroethane (F113)	ND	40	100	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	40	100	"	"	"	"	"	"	
Methyl tertiary-butyl ether (MTBE)	ND	40	100	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	40	100	"	"	"	"	"	"	
1,1-Dichloroethane	ND	40	100	"	"	"	"	"	"	
2,2-Dichloropropane	ND	40	100	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	40	100	"	"	"	"	"	"	
Chloroform	ND	10	20	"	"	"	"	"	"	
Bromochloromethane	ND	40	100	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	40	100	"	"	"	"	"	"	
1,1-Dichloropropene	ND	40	100	"	"	"	"	"	"	
Carbon tetrachloride	ND	10	20	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	10	20	"	"	"	"	"	"	
Benzene	ND	10	20	"	"	"	"	"	"	
Trichloroethene	**1600**	12	20	"	"	"	"	"	"	
1,2-Dichloropropane	ND	40	100	"	"	"	"	"	"	
Bromodichloromethane	ND	40	100	"	"	"	"	"	"	
Dibromomethane	ND	40	100	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	40	100	"	"	"	"	"	"	
Toluene	ND	80	200	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	40	100	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	40	100	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	40	100	"	"	"	"	"	"	
1,3-Dichloropropane	ND	40	100	"	"	"	"	"	"	
Tetrachloroethene	**3300**	16	20	"	"	"	"	"	"	
Dibromochloromethane	ND	40	100	"	"	"	"	"	"	
Chlorobenzene	ND	10	20	"	"	"	"	"	"	
Ethylbenzene	ND	40	100	"	"	"	"	"	"	

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ERM - Irvine	Project: ERM120823-L4	
1920 Main Street, Suite 300	Project Number: Griffin - El Segundo	Reported:
Irvine, CA 92614	Project Manager: Maggie Tymkow	15-Dec-23 09:04

Volatile Organic Compounds by H&P 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	MDL	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
DUP-1-120823 (E312021-08) Vapor	**Sampled: 08-Dec-23**	**Received: 08-Dec-23**								**J- Report**
1,1,1,2-Tetrachloroethane	ND	40	100	ug/m3	0.01	EL30802	08-Dec-23	08-Dec-23	H&P 8260SV	
m,p-Xylene	ND	40	100	"	"	"	"	"	"	
o-Xylene	ND	40	100	"	"	"	"	"	"	
Styrene	ND	40	100	"	"	"	"	"	"	
Bromoform	ND	40	100	"	"	"	"	"	"	
Isopropylbenzene (Cumene)	ND	40	100	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	40	100	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	40	100	"	"	"	"	"	"	
n-Propylbenzene	ND	40	100	"	"	"	"	"	"	
Bromobenzene	ND	40	100	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	40	100	"	"	"	"	"	"	
2-Chlorotoluene	ND	40	100	"	"	"	"	"	"	
4-Chlorotoluene	ND	40	100	"	"	"	"	"	"	
tert-Butylbenzene	ND	40	100	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	40	100	"	"	"	"	"	"	
sec-Butylbenzene	ND	40	100	"	"	"	"	"	"	
p-Isopropyltoluene	ND	40	100	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	40	100	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	40	100	"	"	"	"	"	"	
n-Butylbenzene	ND	40	100	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	40	100	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	400	1000	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	40	100	"	"	"	"	"	"	
Hexachlorobutadiene	ND	40	100	"	"	"	"	"	"	
Naphthalene	ND	20	20	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	40	100	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane			*114 %*		*75-125*	"	"	"	"	
Surrogate: Toluene-d8			*116 %*		*75-125*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene			*112 %*		*75-125*	"	"	"	"	

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ERM - Irvine	Project: ERM120823-L4	
1920 Main Street, Suite 300	Project Number: Griffin - El Segundo	Reported:
Irvine, CA 92614	Project Manager: Maggie Tymkow	15-Dec-23 09:04

Volatile Organic Compounds by H&P 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	MDL	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
DG-4R-15-120823 (E312021-09) Vapor	**Sampled: 08-Dec-23**		**Received: 08-Dec-23**							**J- Report**
1,1-Difluoroethane (LCC)	ND		100	ug/m3	0.01	EL30802	08-Dec-23	08-Dec-23	H&P 8260SV	
Dichlorodifluoromethane (F12)	ND	40	100	"	"	"	"	"	"	
Chloromethane	ND	40	100	"	"	"	"	"	"	
Vinyl chloride	ND	10	10	"	"	"	"	"	"	
Bromomethane	ND	40	100	"	"	"	"	"	"	
Chloroethane	ND	40	100	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	**910**	40	100	"	"	"	"	"	"	
1,1-Dichloroethene	**190**	40	100	"	"	"	"	"	"	
1,1,2 Trichlorotrifluoroethane (F113)	**160**	40	100	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	40	100	"	"	"	"	"	"	
Methyl tertiary-butyl ether (MTBE)	ND	40	100	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	40	100	"	"	"	"	"	"	
1,1-Dichloroethane	ND	40	100	"	"	"	"	"	"	
2,2-Dichloropropane	ND	40	100	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	40	100	"	"	"	"	"	"	
Chloroform	**52**	10	20	"	"	"	"	"	"	
Bromochloromethane	ND	40	100	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	40	100	"	"	"	"	"	"	
1,1-Dichloropropene	ND	40	100	"	"	"	"	"	"	
Carbon tetrachloride	ND	10	20	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	10	20	"	"	"	"	"	"	
Benzene	ND	10	20	"	"	"	"	"	"	
Trichloroethene	**7500**	12	20	"	"	"	"	"	"	
1,2-Dichloropropane	ND	40	100	"	"	"	"	"	"	
Bromodichloromethane	ND	40	100	"	"	"	"	"	"	
Dibromomethane	ND	40	100	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	40	100	"	"	"	"	"	"	
Toluene	ND	80	200	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	40	100	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	40	100	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	40	100	"	"	"	"	"	"	
1,3-Dichloropropane	ND	40	100	"	"	"	"	"	"	
Tetrachloroethene	**14000**	16	20	"	"	"	"	"	"	
Dibromochloromethane	ND	40	100	"	"	"	"	"	"	
Chlorobenzene	ND	10	20	"	"	"	"	"	"	
Ethylbenzene	ND	40	100	"	"	"	"	"	"	

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ERM - Irvine	Project: ERM120823-L4	
1920 Main Street, Suite 300	Project Number: Griffin - El Segundo	Reported:
Irvine, CA 92614	Project Manager: Maggie Tymkow	15-Dec-23 09:04

Volatile Organic Compounds by H&P 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	MDL	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
DG-4R-15-120823 (E312021-09) Vapor	**Sampled: 08-Dec-23**	**Received: 08-Dec-23**								**J- Report**
1,1,1,2-Tetrachloroethane	ND	40	100	ug/m3	0.01	EL30802	08-Dec-23	08-Dec-23	H&P 8260SV	
m,p-Xylene	ND	40	100	"	"	"	"	"	"	
o-Xylene	ND	40	100	"	"	"	"	"	"	
Styrene	ND	40	100	"	"	"	"	"	"	
Bromoform	ND	40	100	"	"	"	"	"	"	
Isopropylbenzene (Cumene)	ND	40	100	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	40	100	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	40	100	"	"	"	"	"	"	
n-Propylbenzene	ND	40	100	"	"	"	"	"	"	
Bromobenzene	ND	40	100	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	40	100	"	"	"	"	"	"	
2-Chlorotoluene	ND	40	100	"	"	"	"	"	"	
4-Chlorotoluene	ND	40	100	"	"	"	"	"	"	
tert-Butylbenzene	ND	40	100	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	40	100	"	"	"	"	"	"	
sec-Butylbenzene	ND	40	100	"	"	"	"	"	"	
p-Isopropyltoluene	ND	40	100	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	40	100	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	40	100	"	"	"	"	"	"	
n-Butylbenzene	ND	40	100	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	40	100	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	400	1000	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	40	100	"	"	"	"	"	"	
Hexachlorobutadiene	ND	40	100	"	"	"	"	"	"	
Naphthalene	ND	20	20	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	40	100	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane			*102 %*		*75-125*	"	"	"	"	
Surrogate: Toluene-d8			*111 %*		*75-125*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene			*114 %*		*75-125*	"	"	"	"	

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ERM - Irvine	Project: ERM120823-L4	
1920 Main Street, Suite 300	Project Number: Griffin - El Segundo	Reported:
Irvine, CA 92614	Project Manager: Maggie Tymkow	15-Dec-23 09:04

Volatile Organic Compounds by H&P 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	MDL	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
DG-5-5-120823 (E312021-10) Vapor	**Sampled: 08-Dec-23**	**Received: 08-Dec-23**								**J- Report**
1,1-Difluoroethane (LCC)	ND		100	ug/m3	0.01	EL30802	08-Dec-23	08-Dec-23	H&P 8260SV	
Dichlorodifluoromethane (F12)	ND	40	100	"	"	"	"	"	"	
Chloromethane	ND	40	100	"	"	"	"	"	"	
Vinyl chloride	ND	10	10	"	"	"	"	"	"	
Bromomethane	ND	40	100	"	"	"	"	"	"	
Chloroethane	ND	40	100	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	40	100	"	"	"	"	"	"	
1,1-Dichloroethene	ND	40	100	"	"	"	"	"	"	
1,1,2 Trichlorotrifluoroethane (F113)	**400**	40	100	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	40	100	"	"	"	"	"	"	
Methyl tertiary-butyl ether (MTBE)	ND	40	100	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	40	100	"	"	"	"	"	"	
1,1-Dichloroethane	ND	40	100	"	"	"	"	"	"	
2,2-Dichloropropane	ND	40	100	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	40	100	"	"	"	"	"	"	
Chloroform	ND	10	20	"	"	"	"	"	"	
Bromochloromethane	ND	40	100	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	40	100	"	"	"	"	"	"	
1,1-Dichloropropene	ND	40	100	"	"	"	"	"	"	
Carbon tetrachloride	ND	10	20	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	10	20	"	"	"	"	"	"	
Benzene	ND	10	20	"	"	"	"	"	"	
Trichloroethene	**610**	12	20	"	"	"	"	"	"	
1,2-Dichloropropane	ND	40	100	"	"	"	"	"	"	
Bromodichloromethane	ND	40	100	"	"	"	"	"	"	
Dibromomethane	ND	40	100	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	40	100	"	"	"	"	"	"	
Toluene	ND	80	200	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	40	100	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	40	100	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	40	100	"	"	"	"	"	"	
1,3-Dichloropropane	ND	40	100	"	"	"	"	"	"	
Tetrachloroethene	**8000**	16	20	"	"	"	"	"	"	
Dibromochloromethane	ND	40	100	"	"	"	"	"	"	
Chlorobenzene	ND	10	20	"	"	"	"	"	"	
Ethylbenzene	ND	40	100	"	"	"	"	"	"	

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ERM - Irvine	Project: ERM120823-L4	
1920 Main Street, Suite 300	Project Number: Griffin - El Segundo	Reported:
Irvine, CA 92614	Project Manager: Maggie Tymkow	15-Dec-23 09:04

Volatile Organic Compounds by H&P 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	MDL	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
DG-5-5-120823 (E312021-10) Vapor	**Sampled: 08-Dec-23**	**Received: 08-Dec-23**								**J- Report**
1,1,1,2-Tetrachloroethane	ND	40	100	ug/m3	0.01	EL30802	08-Dec-23	08-Dec-23	H&P 8260SV	
m,p-Xylene	ND	40	100	"	"	"	"	"	"	
o-Xylene	ND	40	100	"	"	"	"	"	"	
Styrene	ND	40	100	"	"	"	"	"	"	
Bromoform	ND	40	100	"	"	"	"	"	"	
Isopropylbenzene (Cumene)	ND	40	100	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	40	100	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	40	100	"	"	"	"	"	"	
n-Propylbenzene	ND	40	100	"	"	"	"	"	"	
Bromobenzene	ND	40	100	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	40	100	"	"	"	"	"	"	
2-Chlorotoluene	ND	40	100	"	"	"	"	"	"	
4-Chlorotoluene	ND	40	100	"	"	"	"	"	"	
tert-Butylbenzene	ND	40	100	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	40	100	"	"	"	"	"	"	
sec-Butylbenzene	ND	40	100	"	"	"	"	"	"	
p-Isopropyltoluene	ND	40	100	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	40	100	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	40	100	"	"	"	"	"	"	
n-Butylbenzene	ND	40	100	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	40	100	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	400	1000	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	40	100	"	"	"	"	"	"	
Hexachlorobutadiene	ND	40	100	"	"	"	"	"	"	
Naphthalene	ND	20	20	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	40	100	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane			*115 %*		*75-125*	"	"	"	"	
Surrogate: Toluene-d8			*108 %*		*75-125*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene			*111 %*		*75-125*	"	"	"	"	

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

ERM - Irvine	Project: ERM120823-L4	
1920 Main Street, Suite 300	Project Number: Griffin - El Segundo	Reported:
Irvine, CA 92614	Project Manager: Maggie Tymkow	15-Dec-23 09:04

Volatile Organic Compounds by H&P 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	MDL	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
DG-5-15-120823 (E312021-11) Vapor	**Sampled: 08-Dec-23**	**Received: 08-Dec-23**								**J- Report**
1,1-Difluoroethane (LCC)	ND		100	ug/m3	0.01	EL30802	08-Dec-23	08-Dec-23	H&P 8260SV	
Dichlorodifluoromethane (F12)	ND	40	100	"	"	"	"	"	"	
Chloromethane	ND	40	100	"	"	"	"	"	"	
Vinyl chloride	ND	10	10	"	"	"	"	"	"	
Bromomethane	ND	40	100	"	"	"	"	"	"	
Chloroethane	ND	40	100	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	**62**	40	100	"	"	"	"	"	"	J
1,1-Dichloroethene	**70**	40	100	"	"	"	"	"	"	J
1,1,2 Trichlorotrifluoroethane (F113)	**1300**	40	100	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	40	100	"	"	"	"	"	"	
Methyl tertiary-butyl ether (MTBE)	ND	40	100	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	40	100	"	"	"	"	"	"	
1,1-Dichloroethane	ND	40	100	"	"	"	"	"	"	
2,2-Dichloropropane	ND	40	100	"	"	"	"	"	"	
cis-1,2-Dichloroethene	**120**	40	100	"	"	"	"	"	"	
Chloroform	**22**	10	20	"	"	"	"	"	"	
Bromochloromethane	ND	40	100	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	40	100	"	"	"	"	"	"	
1,1-Dichloropropene	ND	40	100	"	"	"	"	"	"	
Carbon tetrachloride	ND	10	20	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	10	20	"	"	"	"	"	"	
Benzene	ND	10	20	"	"	"	"	"	"	
Trichloroethene	**2900**	12	20	"	"	"	"	"	"	
1,2-Dichloropropane	ND	40	100	"	"	"	"	"	"	
Bromodichloromethane	ND	40	100	"	"	"	"	"	"	
Dibromomethane	ND	40	100	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	40	100	"	"	"	"	"	"	
Toluene	ND	80	200	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	40	100	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	40	100	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	40	100	"	"	"	"	"	"	
1,3-Dichloropropane	ND	40	100	"	"	"	"	"	"	
Tetrachloroethene	**18000**	16	20	"	"	"	"	"	"	
Dibromochloromethane	ND	40	100	"	"	"	"	"	"	
Chlorobenzene	ND	10	20	"	"	"	"	"	"	
Ethylbenzene	ND	40	100	"	"	"	"	"	"	

H&P Mobile
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ERM - Irvine	Project: ERM120823-L4	
1920 Main Street, Suite 300	Project Number: Griffin - El Segundo	Reported:
Irvine, CA 92614	Project Manager: Maggie Tymkow	15-Dec-23 09:04

Volatile Organic Compounds by H&P 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	MDL	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
DG-5-15-120823 (E312021-11) Vapor	**Sampled: 08-Dec-23**	**Received: 08-Dec-23**								**J- Report**
1,1,1,2-Tetrachloroethane	ND	40	100	ug/m3	0.01	EL30802	08-Dec-23	08-Dec-23	H&P 8260SV	
m,p-Xylene	ND	40	100	"	"	"	"	"	"	
o-Xylene	ND	40	100	"	"	"	"	"	"	
Styrene	ND	40	100	"	"	"	"	"	"	
Bromoform	ND	40	100	"	"	"	"	"	"	
Isopropylbenzene (Cumene)	ND	40	100	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	40	100	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	40	100	"	"	"	"	"	"	
n-Propylbenzene	ND	40	100	"	"	"	"	"	"	
Bromobenzene	ND	40	100	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	40	100	"	"	"	"	"	"	
2-Chlorotoluene	ND	40	100	"	"	"	"	"	"	
4-Chlorotoluene	ND	40	100	"	"	"	"	"	"	
tert-Butylbenzene	ND	40	100	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	40	100	"	"	"	"	"	"	
sec-Butylbenzene	ND	40	100	"	"	"	"	"	"	
p-Isopropyltoluene	ND	40	100	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	40	100	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	40	100	"	"	"	"	"	"	
n-Butylbenzene	ND	40	100	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	40	100	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	400	1000	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	40	100	"	"	"	"	"	"	
Hexachlorobutadiene	ND	40	100	"	"	"	"	"	"	
Naphthalene	ND	20	20	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	40	100	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane			*101 %*		*75-125*	"	"	"	"	
Surrogate: Toluene-d8			*113 %*		*75-125*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene			*109 %*		*75-125*	"	"	"	"	

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ERM - Irvine	Project: ERM120823-L4	
1920 Main Street, Suite 300	Project Number: Griffin - El Segundo	Reported:
Irvine, CA 92614	Project Manager: Maggie Tymkow	15-Dec-23 09:04

Volatile Organic Compounds by H&P 8260SV - Quality Control

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch EL30802 - EPA 5030										
Blank (EL30802-BLK1)				Prepared & Analyzed: 08-Dec-23						
1,1-Difluoroethane (LCC)	ND	100	ug/m3							
Dichlorodifluoromethane (F12)	ND	100	"							
Chloromethane	ND	100	"							
Vinyl chloride	ND	10	"							
Bromomethane	ND	100	"							
Chloroethane	ND	100	"							
Trichlorofluoromethane (F11)	ND	100	"							
1,1-Dichloroethene	ND	100	"							
1,1,2 Trichlorotrifluoroethane (F113)	ND	100	"							
Methylene chloride (Dichloromethane)	ND	100	"							
Methyl tertiary-butyl ether (MTBE)	ND	100	"							
trans-1,2-Dichloroethene	ND	100	"							
1,1-Dichloroethane	ND	100	"							
2,2-Dichloropropane	ND	100	"							
cis-1,2-Dichloroethene	ND	100	"							
Chloroform	ND	20	"							
Bromochloromethane	ND	100	"							
1,1,1-Trichloroethane	ND	100	"							
1,1-Dichloropropene	ND	100	"							
Carbon tetrachloride	ND	20	"							
1,2-Dichloroethane (EDC)	ND	20	"							
Benzene	ND	20	"							
Trichloroethene	ND	20	"							
1,2-Dichloropropane	ND	100	"							
Bromodichloromethane	ND	100	"							
Dibromomethane	ND	100	"							
cis-1,3-Dichloropropene	ND	100	"							
Toluene	ND	200	"							
trans-1,3-Dichloropropene	ND	100	"							
1,1,2-Trichloroethane	ND	100	"							
1,2-Dibromoethane (EDB)	ND	100	"							
1,3-Dichloropropane	ND	100	"							
Tetrachloroethene	ND	20	"							
Dibromochloromethane	ND	100	"							

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1920 Main Street, Suite 300	Project Number: Griffin - El Segundo	Reported:
Irvine, CA 92614	Project Manager: Maggie Tymkow	15-Dec-23 09:04

Volatile Organic Compounds by H&P 8260SV - Quality Control

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch EL30802 - EPA 5030										
Blank (EL30802-BLK1)				Prepared & Analyzed: 08-Dec-23						
Chlorobenzene	ND	20	ug/m3							
Ethylbenzene	ND	100	"							
1,1,1,2-Tetrachloroethane	ND	100	"							
m,p-Xylene	ND	100	"							
o-Xylene	ND	100	"							
Styrene	ND	100	"							
Bromoform	ND	100	"							
Isopropylbenzene (Cumene)	ND	100	"							
1,1,2,2-Tetrachloroethane	ND	100	"							
1,2,3-Trichloropropane	ND	100	"							
n-Propylbenzene	ND	100	"							
Bromobenzene	ND	100	"							
1,3,5-Trimethylbenzene	ND	100	"							
2-Chlorotoluene	ND	100	"							
4-Chlorotoluene	ND	100	"							
tert-Butylbenzene	ND	100	"							
1,2,4-Trimethylbenzene	ND	100	"							
sec-Butylbenzene	ND	100	"							
p-Isopropyltoluene	ND	100	"							
1,3-Dichlorobenzene	ND	100	"							
1,4-Dichlorobenzene	ND	100	"							
n-Butylbenzene	ND	100	"							
1,2-Dichlorobenzene	ND	100	"							
1,2-Dibromo-3-chloropropane	ND	1000	"							
1,2,4-Trichlorobenzene	ND	100	"							
Hexachlorobutadiene	ND	100	"							
Naphthalene	ND	20	"							
1,2,3-Trichlorobenzene	ND	100	"							
Surrogate: Dibromofluoromethane	*551*		*"*	*500*		*110*	*75-125*			
Surrogate: Toluene-d8	*577*		*"*	*500*		*115*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*570*		*"*	*500*		*114*	*75-125*			

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ERM - Irvine	Project: ERM120823-L4	
1920 Main Street, Suite 300	Project Number: Griffin - El Segundo	Reported:
Irvine, CA 92614	Project Manager: Maggie Tymkow	15-Dec-23 09:04

Volatile Organic Compounds by H&P 8260SV - Quality Control

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch EL30802 - EPA 5030										
LCS (EL30802-BS1)				Prepared & Analyzed: 08-Dec-23						
Dichlorodifluoromethane (F12)	3700	500	ug/m3	5000		74.3	70-130			
Vinyl chloride	5500	50	"	5000		110	70-130			
Chloroethane	5600	500	"	5000		112	70-130			
Trichlorofluoromethane (F11)	4800	500	"	5000		95.7	70-130			
1,1-Dichloroethene	6600	500	"	5000		132	70-130			
1,1,2 Trichlorotrifluoroethane (F113)	6300	500	"	5000		127	70-130			
Methylene chloride (Dichloromethane)	5000	500	"	5000		99.1	70-130			
trans-1,2-Dichloroethene	5500	500	"	5000		110	70-130			
1,1-Dichloroethane	5800	500	"	5000		115	70-130			
cis-1,2-Dichloroethene	4900	500	"	5000		97.2	70-130			
Chloroform	5100	100	"	5000		103	70-130			
1,1,1-Trichloroethane	5600	500	"	5000		111	70-130			
Carbon tetrachloride	5400	100	"	5000		108	70-130			
1,2-Dichloroethane (EDC)	4900	100	"	5000		99.0	70-130			
Benzene	5300	100	"	5000		105	70-130			
Trichloroethene	5400	100	"	5000		109	70-130			
Toluene	4800	1000	"	5000		96.2	70-130			
1,1,2-Trichloroethane	5700	500	"	5000		114	70-130			
Tetrachloroethene	4700	100	"	5000		94.6	70-130			
Ethylbenzene	4900	500	"	5000		98.7	70-130			
1,1,1,2-Tetrachloroethane	5100	500	"	5000		102	70-130			
m,p-Xylene	10000	500	"	10000		104	70-130			
o-Xylene	5100	500	"	5000		102	70-130			
1,1,2,2-Tetrachloroethane	6500	500	"	5000		130	70-130			
Surrogate: Dibromofluoromethane	*2610*		*"*	*2500*		*104*	*75-125*			
Surrogate: Toluene-d8	*2680*		*"*	*2500*		*107*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*2730*		*"*	*2500*		*109*	*75-125*			

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ERM - Irvine	Project: ERM120823-L4	
1920 Main Street, Suite 300	Project Number: Griffin - El Segundo	Reported:
Irvine, CA 92614	Project Manager: Maggie Tymkow	15-Dec-23 09:04

Notes and Definitions

J- Report	This sample is reported to the MDL or LOD determined for this method. All confirmed hits above the listed MDL or LOD value and below the RL/LOQ, will be flagged with a "J" result. If an MDL or LOD is not listed, the analyte is ND at the RL.
J	Detected but below the RL/LOQ; therefore, result is an estimated concentration.
LCC	Leak Check Compound
ND	Analyte NOT DETECTED at or above the reporting limit
MDL	Method Detection Limit
%REC	Percent Recovery
RPD	Relative Percent Difference

Appendix

H&P Mobile Geochemistry, Inc. is approved as an Environmental Testing Laboratory and Mobile Laboratory in accordance with the DoD-ELAP Program and ISO/IEC 17025:2005 programs through PJLA, accreditation number 69070 for EPA Method TO-15 and H&P 8260SV.

H&P is approved by the State of Louisiana Department of Environmental Quality under the National Environmental Laboratory Accreditation Conference (NELAC) certification number 04138.

The complete list of stationary and mobile laboratory certifications along with the fields of testing (FOTs) and analyte lists are available at www.handpmg.com/about/certifications.

Mobile Geochemistry, Inc.
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VAPOR / AIR Chain of Custody

DATE: 12/8/23
Page 1 of 3

Lab Client and Project Information

Lab Client/Consultant: ERM	Project Name / #: Griffin - El Segundo
Lab Client Project Manager: Maggie Tymkow	Project Location: 1521 Grand Ave
Lab Client Address: 1920 Main Street Suite 300	Report E-Mail(s): Maggie.Tym@erm.com nick.milkovich@erm.com claudia.mraczkowski@erm.com
Lab Client City, State, Zip: Irvine CA 92614	
Phone Number: (949) 623-4706	

Reporting Requirements
- [x] Standard Report ☐ Level III ☐ Level IV
- ☐ Excel EDD [x] Other EDD: EQuIS
- ☐ CA Geotracker Global ID:

Turnaround Time
- ☐ **Standard** (7 days for preliminary report, 10 days for final report)
- ☐ **Rush** (specify):

Sampler Information
Sampler(s): C. WHITE
Signature:
Date: 12/8/23

Sample Receipt (Lab Use Only)

Date Rec'd: 12/8/23	Control #: 230647.001
H&P Project #	ERM120823-LL
Lab Work Order #	E312071
Sample Intact: ☐ Yes ☐ No ☐ See Notes Below	
Receipt Gauge ID:	Temp:
Outside Lab:	
Receipt Notes/Tracking #:	
Lab PM Initials:	

Additional Instructions to Laboratory:

* *Preferred VOC units (please choose one):*
☐ µg/L [x] µg/m³ ☐ ppbv ☐ ppmv

SAMPLE NAME	FIELD POINT NAME (if applicable)	DATE mm/dd/yy	TIME 24hr clock	SAMPLE TYPE Indoor Air (IA), Ambient Air (AA), Subslab (SS), Soil Vapor (SV)	CONTAINER SIZE & TYPE 400mL/1L/6L Summa, Tedlar, Tube, etc.	CONTAINER ID (###)	Lab use only: Receipt Vac	VOCs Standard Full List ☐ 8260SV ☐ TO-15	VOCs Short List / Project List ☐ 8260SV ☐ TO-15	Oxygenates ☐ 8260SV ☐ TO-15	Naphthalene ☐ 8260SV ☐ TO-15	TPHv as Gas ☐ 8260SVm ☐ TO-15m	Aromatic/Aliphatic Fractions ☐ 8260SVm ☐ TO-15m	Leak Check Compound ☐ DFA ☐ IPA ☐ He	Methane by EPA 8015m	Fixed Gases by ASTM D1945 ☐ CO2 ☐ O2 ☐ N2			
DG-1R-5-120823		12/8/23	854	SV	6 Summa	341/374		X						X					
DG-1R-15-120823			1245			341/387		X						X					
DG-2R-5-120823			932			383/385		X						X					
DG-2R-15-120823			952			356/377		X						X					
DG-3R-5-120823			1012			374/384		X						X					
DG-3R-15-120823			1032			383/385		X						X					
DG-4R-5-120823			1054			356/387		X						X					
DUP-1-120823			1115			341/394		X						X					
DG-4R-15-120823			1135			374/383		X						X					
DG-5-5-120823	HSE 5/14/23		1204			385/396		X						X					

Approved/Relinquished by:	Company: ERM	Date: 12/8/23	Time: 1342	Received by:	Company: H&P	Date: 12-8-23	Time: 1345
Approved/Relinquished by:	Company:	Date:	Time:	Received by:	Company:	Date:	Time:
Approved/Relinquished by:	Company:	Date:	Time:	Received by:	Company:	Date:	Time:

*Approval constitutes as authorization to proceed with analysis and acceptance of conditions on back

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VAPOR / AIR Chain of Custody

DATE: 12/8/23

Lab Client and Project Information

Lab Client/Consultant: ERM	Project Name / #: GRIFFIN - EL SEGUNDO
Lab Client Project Manager: MAGGIE TYMKOW	Project Location: 1521 GRAND AVE
Lab Client Address: 1920 MAIN ST # 300	Report E-Mail(s): MAGGIE.TYMKOW @ ERM.COM NICK.MILKOVICH CLAUDIA.MROCZKOWSKI
Lab Client City, State, Zip: IRVINE, CA 92614	
Phone Number: 949 623 4706	

Reporting Requirements

- [x] Standard Report
- [ ] Level III
- [ ] Level IV
- [ ] Excel EDD
- [x] Other EDD: EQUIS EDD
- [ ] CA Geotracker Global ID: _____

Turnaround Time

- [ ] **Standard** (7 days for preliminary report, 10 days for final report)
- [ ] **Rush** (specify): _____

Sampler Information

Sampler(s): C. WHITE
Signature: [signature]
Date: 12/8/23

Sample Receipt (Lab Use Only)

Date Rec'd: 12/8/23	Control #: 230647.001
H&P Project #	ERM120823-44
Lab Work Order #	E312021
Sample Intact: [ ] Yes [ ] No [ ] See Notes Below	
Receipt Gauge ID:	Temp:
Outside Lab:	
Receipt Notes/Tracking #:	
Lab PM Initials:	

Additional Instructions to Laboratory:

** Preferred VOC units (please choose one):*

- [ ] µg/L
- [x] µg/m³
- [ ] ppbv
- [ ] ppmv

SAMPLE NAME	FIELD POINT NAME (if applicable)	DATE mm/dd/yy	TIME 24hr clock	SAMPLE TYPE Indoor Air (IA), Ambient Air (AA), Subslab (SS), Soil Vapor (SV)	CONTAINER SIZE & TYPE 400mL/1L/6L Summa, Tedlar, Tube, etc	CONTAINER ID (###)	Lab use only: Receipt Vac	VOCs Standard Full List ☐ 8260SV ☐ TO-15	VOCs Short List / Project List ☐ 8260SV ☐ TO-15	Oxygenates ☐ 8260SV ☐ TO-15	Naphthalene ☐ 8260SV ☐ TO-15	TPHv as Gas ☐ 8260SVm ☐ TO-15m	Aromatic/Aliphatic Fractions ☐ 8260SVm ☐ TO-15m	Leak Check Compound ☐ DFA ☐ IPA ☐ He	Methane by EPA 8015m	Fixed Gases by ASTM D1945 ☐ CO2 ☐ O2 ☐ N2
DG-5-15-120823 12/4/23		12/08/23	1224	SV	6L Syringe	362/314		X						X		

Approved/Relinquished by: [signature]	Company: ERM	Date: 12/8/23	Time: 1342	Received by: [signature]	Company: H&P	Date: 12-8-23	Time: 1345
Approved/Relinquished by:	Company:	Date	Time	Received by:	Company:	Date	Time
Approved/Relinquished by:	Company:	Date	Time	Received by:	Company:	Date	Time

*Approval constitutes as authorization to proceed with analysis and acceptance of conditions on back

H&P Mobile Geochemistry Inc.

FMS004
Revision: 4
Revised: 3/22/2017
Effective: 3/24/2017
Page 1 of 1

Log Sheet: Soil Vapor Sampling with Syringe

H&P Project #: ERM120823-L4/TECH Date: 12/8/23

Site Address: 1521 GRAND AVE Page: 1 of 1

Consultant: ERM H&P Rep(s): C. WHITE B. STANGL Reviewed: EC

Consultant Rep(s): CLAUDIA C. SANTIAGO Scanned:

Equipment Info
Inline Gauge ID#: T13
Pump ID#: 012, 039

Purge Volume Information
PV Amount: 3PV PV Includes: ☑ Tubing ☑ Sand 40% ☑ Dry Bent 50%

Leak Check Compound
A cloth saturated with LCC is placed around tubing connections and probe seal. This is done for all samples unless otherwise noted.
☑ 1,1-DFA ☐ 1,1,1,2-TFA ☐ IPA ☐ Other:

Resample Key
RS = Resample
RD = for Dilution
RL = for LCC Fail

		Sample Information				Probe Specs							Purge & Collection Information						
		Point ID	Syringe ID	Sample Volume (cc)	Sample Time	Probe Depth (ft)	Tubing Length (ft)	Tubing OD (in.)	Sand Ht (in.)	Sand Dia (in.)	Dry Bent. Ht (in.)	Dry Bent. Dia (in.)	Shut In Test 60 sec (✓)	Leak Check (✓)	Purge Vol (mL)	Purge Flow Rate (mL/min)	Pump Time (min:sec)	Sample Flow Rate (mL/min)	ProbeVac ☐ Hg ☑ H_2O
*	1	DG-1R-5-120823	341 374	100	0854	5	7	1/4	12	3	12	3	✓	✓	3855	500	7:43	200	0
*	2	DG-1R-15-120823	384	50	0856	15	17	1/4	12	3	12	3	✓	✓	4000	500	8:00	200	-10
*	3	DG-2R-5-120823	383 385	100	0932	5	7	1/4	12	3	12	3	✓	✓	3855	500	7:43	200	-5
*	4	DG-2R-15-120823	386 387	100	0952	15	17	1/4	12	3	12	3	✓	✓	4000	500	8:00	200	-10
*	5	DG-3R-5-120823	374 384	100	1012	5	7	1/4	12	3	12	3	✓	✓	3855	500	7:43	200	-10
*	6	DG-3R-15-120823	385 383	100	1032	15	17	1/4	12	3	12	3	✓	✓	4000	500	8:00	200	-10
*	7	DG-4R-5-120823	386 387	100	1054	5	7	1/4	12	3	12	3	✓	✓	3855	500	7:43	200	-10
*	8	DG-4R-15-120823	374 383	100	1135	15	17	1/4	12	3	12	3	✓	✓	4000	500	8:00	200	-10
	9	~~DG-4R-5CH~~ DUP-1-120823	341 384	100	1115	5	7	1/4	12	3	12	3	✓	✓	~~4255~~ 3955	500	-	200	-10
	10	DG-5-5-120823	386 385	100	1204	5	7	1/4	12	3	12	3	✓	✓	3855	500	7:43	200	-10
	11	DG-5-15-120823	382 384	100	1224	15	17	1/4	12	3	12	3	✓	✓	4000	500	8:00	200	-10
	12	DG-1R-15-120823RD	387 341	100	1245	15	17	1/4	12	3	12	3	✓	✓	4082	-	-	200	-10

Site Notes such as weather, visitors, scope deviations, health & safety issues, etc. (When making sample specific notes, reference the line number above):

* REPLACED 1 WAY VALVE 12 - PURGED 1 TUBING VOLUME (82 ML)

Appendix C-3

Chromium Investigation Summary Results

Chromium Investigation Summary Report

Summary of Chromium Sampling Results

PREPARED FOR

GRIFFIN CAPITAL CATALYST DEVELOPMENT FUND, LLC

DATE
19 January 2024

REFERENCE
0596801



SIGNATURE PAGE

Chromium Investigation Summary Report

Summary of Chromium Sampling Results

0596801

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FIGURE 3	SOIL SAMPLING RESULTS

ACRONYMS AND ABBREVIATIONS

µg/kg	Micrograms per kilogram
bgs	Below ground surface
Chevron	Chevron Corporation
CRVI	Hexavalent chromium
CSM	Conceptual site model
DTSC	Department of Toxic Substances Control
ERM	Environmental Resources Management, Inc.
Griffin Capital	Griffin Capital Real Estate Company, LLC
HHRA	Human Health Risk Assessment
Infineon	Infineon Technologies
LARWQCB	Los Angeles Regional Water Quality Control Board
mg/kg	Milligrams per kilogram
MUN	Municipal or domestic water supply
QA/QC	Quality assurance/Quality control
RAW	Removal Action Workplan
RSL	Regional Screening Level
RTC	Response to Comments
USEPA	United States Environmental Protection Agency
WWTS	Wastewater Treatment System

1. INTRODUCTION

On behalf of Griffin Capital Catalyst Development Fund, LLC (Griffin Capital), Environmental Resources Management, Inc. (ERM) prepared this *Chromium Investigation Summary Report* (Report) to present the results of total chromium and hexavalent chromium (CRVI) soil sampling activities at 330, 340/348 Kansas Street and 1521 E. Grand Avenue, in El Segundo, California (Site; Figure 1), as requested by the Department of Toxic Substances Control (DTSC).

The chromium characterization scope of work was performed as described in ERM's *Response to Comments*, dated 17 July 2023 (RTC; ERM 2023b) which was, submitted to the DTSC in response to the DTSC's comments, dated 16 June 2023 (DTSC 2023) on ERM's *Removal Action Workplan* (RAW), dated 17 April 2023 (ERM 2023a). In 2017, CRVI was detected in soil samples above the residential screening levels (RSLs) at two sampling locations in the northeastern corner of the site (SBB2-11 and SBB2-12), and the DTSC determined that CRVI characterization at the Site was incomplete. To address this data gap, soil sampling for total chromium and CRVI was performed at the Site in November and December 2023.

Data will be used for the Human Health Risk Assessment (HHRA), updating the conceptual site model (CSM), and further decision-making regarding the Site.

This Report is organized as follows:

- Section 2 summarizes general Site characteristics
- Section 3 describes chromium soil sampling activities
- Section 4 provides soil sampling and waste management
- Section 5 summarizes sampling results
- Section 6 presents Report conclusions
- Section 7 lists cited references
- Tables, figures, and appendices, referenced throughout the Report, follow the text.

2. GENERAL SITE CHARACTERISTICS

The Site is located in El Segundo, California, approximately 12 miles southwest of Los Angeles. As shown on Figure 1, the Site is approximately 1 mile south of the Los Angeles International Airport, near the intersection of El Segundo Boulevard and North Sepulveda Boulevard (Pacific Coast Highway). The Site is further described in the sections below.

2.1 SITE DESCRIPTION

The Site encompasses 3.25 acres and currently is under construction for future re-development as multi-unit residential property. Development began in July of 2023.

Four former buildings have been demolished down to the concrete slabs. These buildings and their former operations are listed below:

- 1521 E. Grand Avenue – A former vacant two-story, approximately 48,656-square-foot, steel-frame structure. Former operations included semiconductor manufacturing and research and development laboratories with a clarifier along the west side of the building. According to Infineon Technologies [Infineon], the clarifier was removed by Infineon's subcontractor and the associated Wastewater Treatment System [WWTS] Permit was closed).
- 330 Kansas Street – A former vacant three-story, approximately 29,754-square-foot, concrete tilt-up building. Former operations included semiconductor manufacturing with storage and an associated WWTS structure.
- 340/348 Kansas Street – A former vacant single-story, approximately 17,920-square-foot, concrete tilt-up, former electrical laboratory.
- 318 Kansas Street – A vacant lot that formerly included a maintenance and parts-repair building.

2.2 GEOLOGY AND HYDROGEOLOGY

Regionally, the Site is located within the Peninsular Range, geomorphic province. This province is characterized by elongated northwest-trending mountain ridges, separated by generally straight-sided sediment-filled valleys. The northwest trend is further displayed in the dominant, geological structural features of the province, which include northwest to west-northwest trending folds and faults, such as the nearby Newport-Inglewood Fault Zone located approximately 5 miles east of the Site. There are no documented active or potentially active faults within or projecting toward the Site. The Site is situated within a coastal area referred to as the Western Los Angeles Basin characterized by an extensive coastal belt of late Pleistocene age, non-migrating dunes, and more recent eolian (wind-blown) sand, which is referred to as the El Segundo Sand Hills. The El Segundo Sand Hills, located at and in the vicinity of the Site, are made up of stabilized dunes that, prior to development, had crests ranging from 85 to 185 feet above mean sea level. The coastal belt includes middle-Pleistocene age sediments that were deposited on an ancient ocean floor (i.e., marine deposits) of the San Pedro formation and the older underlying Lakewood formation. The sandy sediments that make up these two geologic formations comprise the main groundwater-bearing strata in this portion of the Los Angeles Basin.

Based on ERM's subsurface investigation in 2019, onsite soil, to a depth of approximately 80 feet below ground surface (bgs), primarily consists of brown, fine-grained, slightly silty, loose sand. It was observed to be dry to moist. Neither bedrock nor groundwater were encountered in any soil borings. ERM's November/December 2023 soil sampling confirms the lithology on Site, down to depths of five feet across Site, and 15 feet in select locations.

As described in the ERM's Phase I Environmental Site Assessment (ERM 2022), the Site is located within the El Segundo Sand Hills of the Los Angeles Coastal Plain. The water bearing formations of this basin include deposits of recent and Pleistocene Age alluvium overlying Pliocene and Miocene Age sedimentary deposits. Principal aquifers located beneath the Site include the Ballona and Silverado Aquifers. The groundwater in the vicinity of the Site is estimated to be greater than 100 feet bgs. Seawater intrusion and offsite hydrocarbon sources have degraded the regional groundwater quality in the vicinity of the Site. The West Coast Basin Barrier project, designed to control seawater intrusion by the creation of an artificial gradient using water injection, is located approximately 350 to 650 feet east of the Site. Based on the general degradation of groundwater below and in the vicinity of the Site, it is not designated for municipal or domestic water supply (MUN) by the Los Angeles Regional Water Quality Control Board (LARWQCB). There are no federal or state groundwater wells located within 1 mile of the Site.

The Gage and Silverado Aquifers of the San Pedro Formation are present beneath the Site. The lower Silverado Aquifer is used for active water injection in the area that is part of the West Basin Barrier System controlling the intrusion of salt water in the usable aquifer. The Site is located immediately west (ocean side) of the barrier system. High total dissolved solids in shallow groundwater are present as a result of salt-water intrusion into the Gage Aquifer.

Additionally, Chevron Corporation (Chevron) and others have impacted groundwater in this area. The MUN beneficial use designation for the groundwater located in this area of El Segundo was removed in November 1998 when the LARWQCB adopted Resolution No. 98-18, based on groundwater contamination caused by the Chevron refinery, less than 400 feet south of the Site.

3. CHROMIUM SOIL SAMPLING

3.1 PRE-FIELD ACTIVITIES

Before initiating field activities, ERM conducted the following tasks:

- Prepared a Site-specific Health and Safety Plan
- Marked soil boring locations and notified Underground Service Alert (DigAlert)
- Performed an onsite geophysical utility survey
- Cleared the first 5 feet of soil at all locations using a hand auger.

The majority of the sampling locations were advanced to 5 feet bgs using hand auger, with the exception of four locations that were drilled to 15 feet bgs using a direct-push rig. These locations were used for replacement soil vapor probes as part of the soil vapor data gap assessment.

3.2 DRILLING ACTIVITIES AND CHROMIUM SAMPLING

On 30 November and 1 December 2023, 17 soil borings were advanced at the Site to 5 feet bgs with a 3-inch diameter hand auger. Four of the 17 locations doubled as soil vapor probe re-installations (CR-3, CR-8, CR-9, and CR-15).

Soil boring locations are shown on Figure 2.

4. SAMPLING COLLECTION

4.1 SOIL SAMPLE COLLECTION AND ANALYSIS

Soil at the Site was sampled at depths of 0.5 and 5 feet bgs and analyzed for the following:

- Total chromium via United States Environmental Protection Agency (USEPA) Method 6010.
- CRVI by USEPA Method SW846.

Samples were labeled, bagged, packed on ice in a cooler, and delivered to Eurofins Calscience, a California-certified laboratory, for analysis. Sample containers for each analysis are noted on the chain-of custody forms attached to the laboratory analytical reports in Appendix A.

4.2 LABORATORY QUALITY ASSURANCE AND QUALITY CONTROL

For quality assurance/quality control (QA/QC) purposes, duplicate samples were collected during sampling. Additionally, analytical data were reviewed for adherence to applicable QA/QC procedures. The quality of the data was assessed, and necessary qualifiers were applied following the USEPA's National Functional Guidelines for Superfund Organic Methods Data Review (USEPA 2022).

No results were qualified or rejected. The data were deemed suitable for decision-making purposes, and the data can be used in preparation of technically defensible documents. The results of the data validation are included in Appendix A.

4.3 WASTE MANAGEMENT

Investigation-derived waste (IDW) in the form of soil cuttings was containerized in a properly labeled Department of Transportation-approved, 55-gallon steel drums. The IDW has been profiled as non-hazardous soil and disposed offsite to Soil Safe designated facility in Adelanto, CA.

5. RESULTS

5.1 SOIL ANALYTICAL RESULTS

The soil samples from 0.5- and 5-foot depths were analyzed for total chromium and CRVI. Analytical results for soil samples collected during the Chromium Sampling Investigation were compared to the following screening levels:

- DTSC Human Health Risk Assessment (HHRA) Note 3 – DTSC-Modified Screening Levels Residential Cancer or Non-Cancer (DTSC 2022).
- USEPA RSLs Residential Scenario (USEPA 2023).

Table 1 provides the soil analytical results, which are also shown on Figure 3. The following is a summary of the November/December 2023 soil analytical results:

- Total chromium was detected in all 34 primary samples. Concentrations ranged from 8.53 milligrams per kilogram (mg/kg) at CR-16-5.0 to 29.7 mg/kg at CR-15-5.0. There is no established RSL for total chromium.
- CRVI was detected in 27 of the 34 primary samples. Of the 27 detections, 14 values exceeded the Residential RSL of 300 micrograms per kilogram (µg/kg). Concentrations overall ranged from non-detect at several locations to 750 µg/kg in CR-05-5.0.

6. CONCLUSIONS

Total chromium concentrations are indicative of background soil concentrations, and the range of total chromium concentrations (8.53 – 29.7 mg/kg) are well below any direct contact screening values for residential or commercial receptors.

Previous investigations detected CRVI at 1.1 mg/kg at the two locations in the northeast corner of the property (SBB2-11 and SBB2-12) where CRVI sampling occurred. This investigation provided additional site-wide CRVI sampling and testing. For this investigation, CRVI concentrations were detected in 27 out of 34 soil samples taken from 17 locations. The CRVI concentrations range from ND to 750 µg/kg (ND to 0.75 mg/kg). The residential DTSC Note 3 value is 0.3 mg/kg, the commercial Note 3 value is 6.2 mg/kg. Fourteen of the 34 sample results are strictly numerically greater than the residential screening value (binary, < or > regardless of order of magnitude).The cancer risk estimates for these detections range from 8×10^{-8} to 3×10^{-6}. Theoretical cancer risk estimates for four of the 34 locations concentrations when calculated using residential screening values result were 2×10^{-6} to 3×10^{-6}.

In shallow soils (0.5 foot samples), CRVI was detected in soil at concentrations above the Note 3 value:

- in localized areas west of the former 1521 E. Grand Avenue and former 330 Kansas Street building footprints,
- beneath the former 348 Kansas Street building footprint in the northwest corner of the Site, and
- in the far northeast corner of the Site near where previous detections of CRVI at SBB2-11 and SBB2-12 were encountered.

For the 5 foot depth interval, a more contiguous area of CRVI concentrations that exceed Note 3 values is apparent extending from the southwest corner to the northeast corner of the property, including the former parking lot areas west of the former 1521 E. Grand Avenue and former 330 Kansas Street building footprints, beneath the former 330 Kansas Street building footprint, and in the vicinity of where CRVI was detected in previous investigations. It does not appear that CRVI concentrations above Note 3 values are present beneath the former 1521 E. Grand Avenue building footprint or the former 348 Kansas Street building footprint at the 5 foot depth interval.

The presence of CRVI at levels exceeding the residential Note 3 screening level was contemplated in the development of the RAW based on the testing results at borings SSB2-11 and SSB2-12. Methods to address CRVI have been proposed in the RAW, including excavation and confirmation soil sampling. The newly collected CRVI data does not change the overall remedial strategy proposed for the site in the RAW, but indicates that excavation and confirmation soil sampling will be required over a larger area.

7. REFERENCES

Department of Toxic Substances Control (DTSC). 2022. Human Health Risk Assessment. Note Number 3, DTSC-Modified Screening Levels. May.

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ERM. 2024. *Data Gap Second Soil Vapor Summary Report*.

United States Environmental Protection Agency (USEPA). 2022. National Functional Guidelines for Superfund Organic Methods Data Review.

USEPA. 2023. *Regional Screening Level Generic Tables*. Available online at: https://www.epa.gov/risk/regional-screening-levels-rsls-generic-tables. November.

TABLE

Table 1
Soil Results Summary Table
Infineon El Segundo
El Segundo, California

				Analyte	Chromium	CRVI
				Unit	mg/kg	µg/kg
				CA-DTSC-NOTE3-SO-RES-COMBINED-MAY2022	NS	**300**
				USEPA-RSL-RES-SO-THQ1.0	NS	**300**
Location ID	**Sample Date**	**Sample Type**	**Depth**	**Sample ID**		
CR-01-0.5	30-Nov-23	N	0.5ft	CR-01-0.5-231130	**15.3**	**340 J**
CR-01-5.0	30-Nov-23	N	5ft	CR-01-5-231130	**11.9**	**480**
CR-02-0.5	30-Nov-23	N	0.5ft	CR-02-0.5-231130	**10.2**	*< 190*
CR-02-5.0	30-Nov-23	N	5ft	CR-02-5-231130	**12.5**	**400**
CR-03-0.5	30-Nov-23	N	0.5ft	CR-03-0.5-231130	**24.4**	**340 J**
CR-03-5.0	30-Nov-23	N	5ft	CR-03-5-231130	**14.7**	**440**
CR-04-0.5	30-Nov-23	N	0.5ft	CR-04-0.5-231130	**11.0**	**220 J**
CR-04-5.0	30-Nov-23	N	5ft	CR-04-5-231130	**11.9**	**730**
CR-05-0.5	30-Nov-23	N	0.5ft	CR-05-0.5-231130	**18.5**	**440**
CR-05-5.0	30-Nov-23	N	5ft	CR-05-5-231130	**20.0**	**750**
CR-06-0.5	30-Nov-23	N	0.5ft	CR-06-0.5-231130	**12.9**	**220 J**
CR-06-5.0	30-Nov-23	N	5ft	CR-06-5-231130	**12.0**	**280 J**
CR-07-0.5	30-Nov-23	N	0.5ft	CR-07-0.5-231130	**9.68**	*< 190*
CR-07-5.0	30-Nov-23	N	5ft	CR-07-5-231130	**11.9**	**460**
CR-08-0.5	01-Dec-23	N	0.5ft	CR-08-0.5-231201	**15.5**	**230 J**
CR-08-5.0	01-Dec-23	N	5ft	CR-08-5-231201	**20.1**	**200 J**
CR-09-0.5	01-Dec-23	N	0.5ft	CR-09-0.5-231201	**18.3**	**310 J**
CR-09-5.0	01-Dec-23	N	5ft	CR-09-5-231201	**12.5**	**230 J**
CR-10-0.5	30-Nov-23	N	0.5ft	CR-10-0.5-231130	**13.8**	**380 J**
CR-10-5.0	30-Nov-23	N	5ft	CR-10-5-231130	**12.2**	**400 J**
CR-11-0.5	30-Nov-23	N	0.5ft	CR-11-0.5-231130	**16.9**	*< 190*
CR-11-5.0	30-Nov-23	N	5ft	CR-11-5-231130	**16.4**	**330 J**
CR-12-0.5	01-Dec-23	N	0.5ft	CR-12-0.5-231201	**25.5**	*< 190*
CR-12-5.0	01-Dec-23	N	5ft	CR-12-5-231201	**13.9**	**410**
CR-13-0.5	30-Nov-23	N	0.5ft	CR-13-0.5-231130	**18.5**	*< 19*
CR-13-5.0	30-Nov-23	N	5ft	CR-13-5-231130	**19.2**	**27 J**
CR-14-0.5	30-Nov-23	N	0.5ft	CR-14-0.5-231130	**25.1**	**46**
CR-14-5.0	30-Nov-23	N	5ft	CR-14-5-231130	**16.2**	**38 J**
CR-15-0.5	01-Dec-23	N	0.5ft	CR-15-0.5-231201	**24.7**	*< 19*
CR-15-5.0	01-Dec-23	N	5ft	CR-15-5-231201	**29.7**	**69**
CR-16-0.5	01-Dec-23	N	0.5ft	CR-16-0.5-231201	**10.9**	**44**
CR-16-5.0	01-Dec-23	N	5ft	CR-16-5-231201	**8.53**	*< 19*
CR-17-0.5	30-Nov-23	N	0.5ft	CR-17-0.5-231130	**28.3**	**23 J**
CR-17-5.0	30-Nov-23	N	5ft	CR-17-5-231130	**13.9**	**26 J**

Notes:
< = Compound not detected. Reportable detection limit shown.
Bolded values indicate concentrations above the reportable detection limit.
Shaded values indicate concentrations above the standard.
N = Normal environmental sample
NS = No standard
J = The analyte was positively identified; associated numerical value is the approximate concentration of the analyte in the sample.
µg/kg = Micrograms per kilogram
CRVI = Hexavalent chromium
DTSC = Department of Toxic Substances Control
ft = Feet
mg/kg = Milligrams per kilogram
USEPA = United States Environmental Protection Agency
all analysis performed by Eurofins Calscience
CA-DTSC-NOTE3-SO-RES-COMBINED-MAY2022 = CA DTSC Note 3 Residential Soil Screening Level combined as minimum of Cancer/Noncancer Endpoints (May 2022).
USEPA-RSL-IND-SO-THQ1.0 = Industrial Regional Screening Level using a target hazard quotient of 1.0
USEPA-RSL-RES-SO-THQ1.0 = Residential Regional Screening Level using a target hazard quotient of 1.0

FIGURES

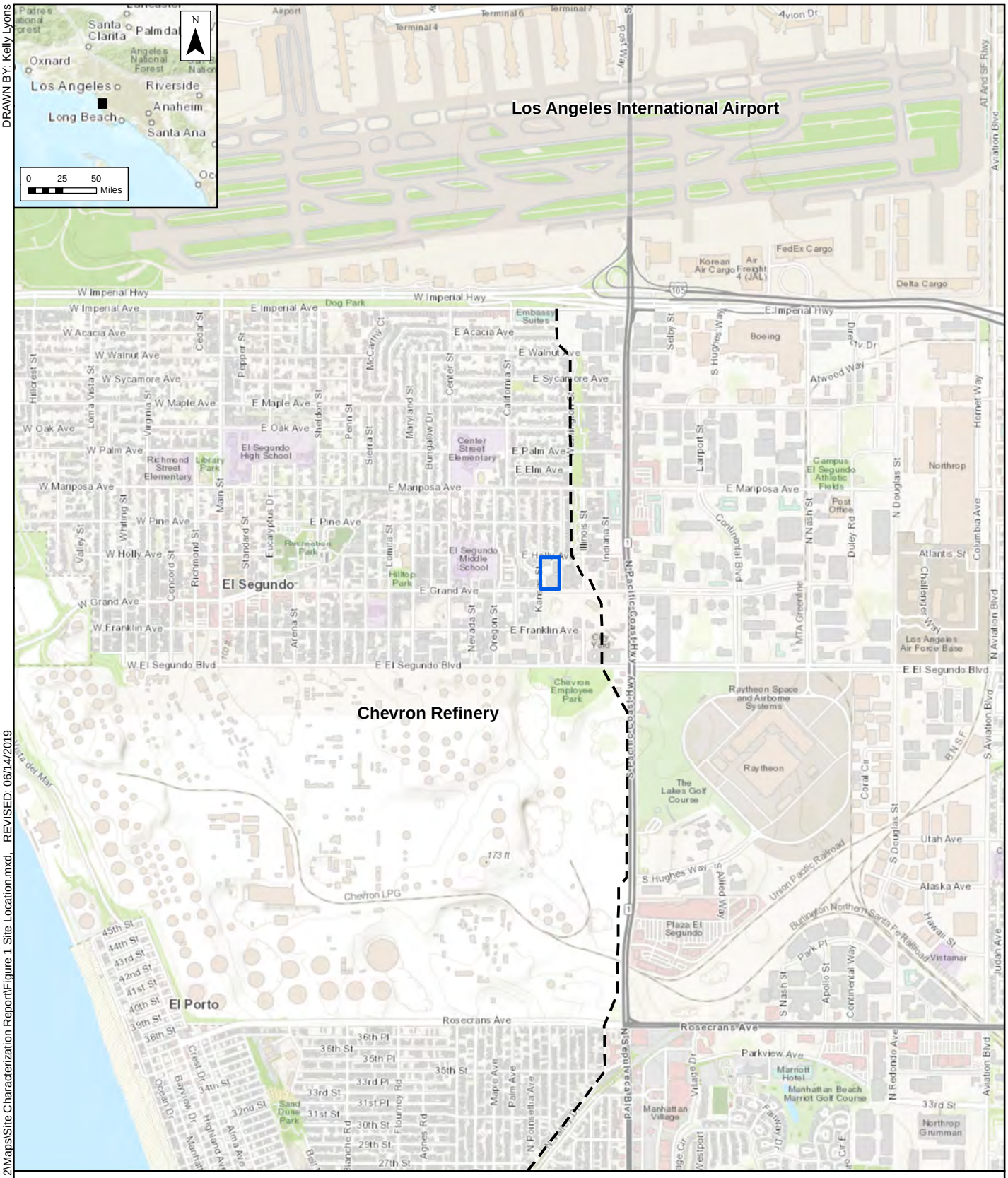


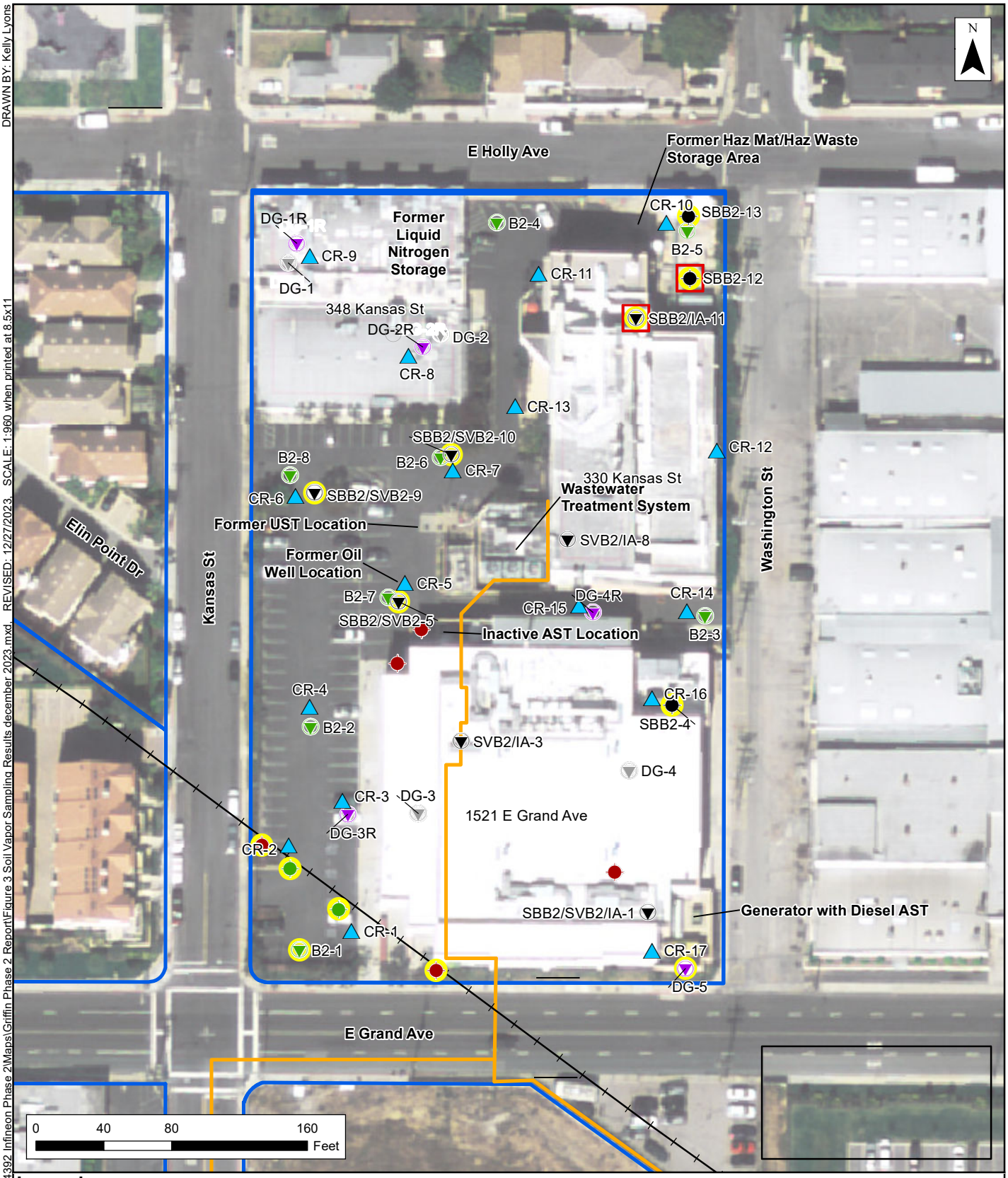
Figure 1
Site Location Map
330/348 Kansas Street
1521 East Grand Avenue
El Segundo, California

Environmental Resources Management
www.erm.com

DRAWN BY: Kelly Lyons

M:\Projects\0444392 Infineon Phase 2\Maps\Site Characterization Report\Figure 1 Site Location.mxd, REVISED: 06/14/2019

Source: Esri - World Topoographic Map; NAD 1983 StatePlane California V FIPS 0405 Feet



Legend

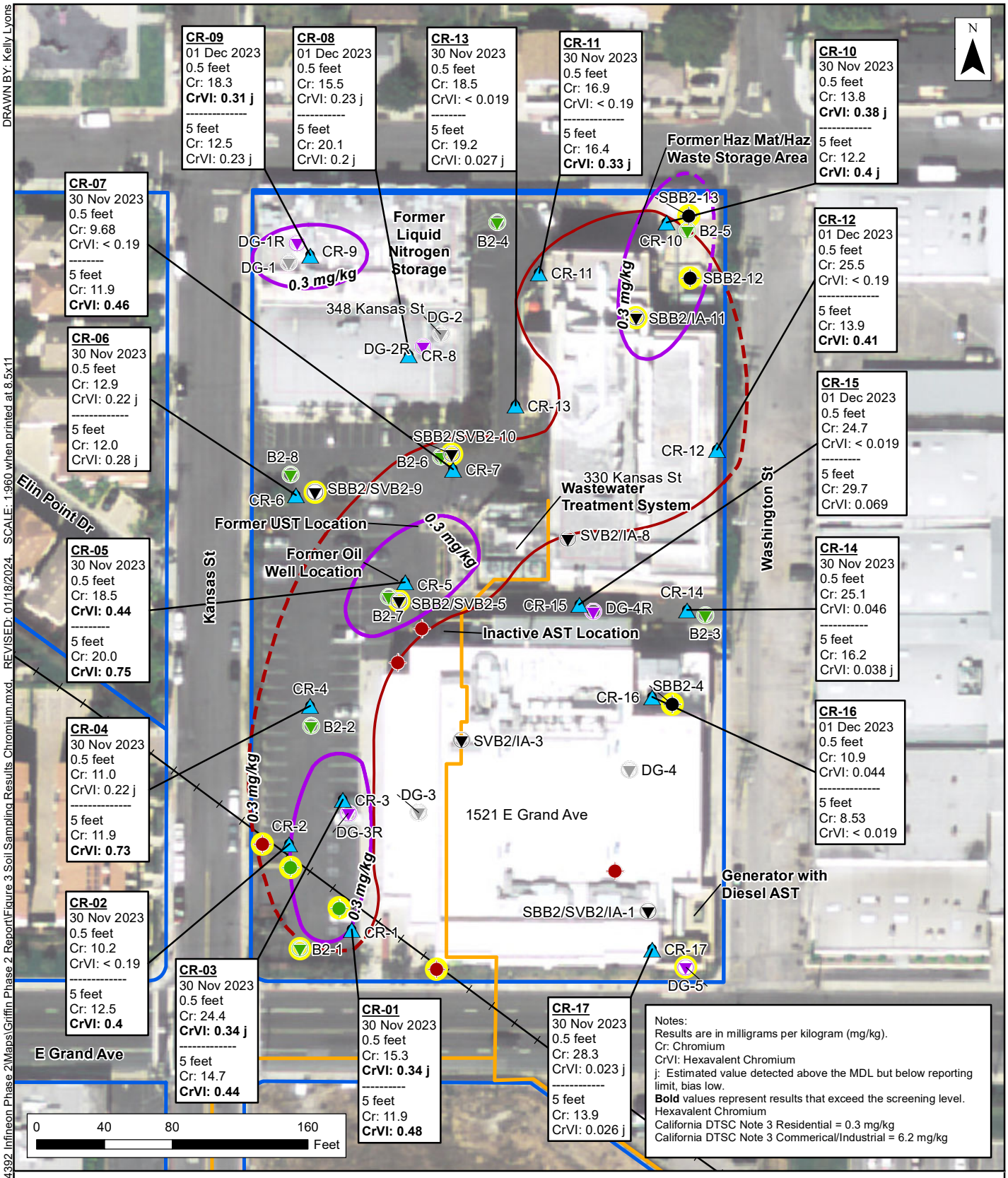
- ERM 2023 Soil Boring and Soil Vapor Sample Location
- Damaged During Redevelopment
- GTI 1996 Soil Boring
- ERM 2017 Soil Boring
- ERM 2017 Indoor Air Sample, Soil Boring, and/or Soil Vapor Sample Location
- ERM 2018 Soil Boring and Soil Vapor Sample
- ERM 2019 Soil Boring
- ERM 2023 Soil Sample Location for CrVI analysis
- ERM 2017 Sample Analyzed for Metals
- ERM 2017 Sample Analyzed for CrVI
- Hydrogen, Nitrogen, and Clean Dry Air Piping
- Former Train Track (Approximate)
- Subject Property

Figure 2
Soil Sampling Locations
Former Infineon Facility 1521 E Grand Avenue
El Segundo, California

Environmental Resources Management
www.erm.com

Source: Los Angeles Aerial Webservice, 2012; NAD 1983 StatePlane California V FIPS 0405 Feet

DRAWN BY: Kelly Lyons
SCALE: 1:960 when printed at 8.5x11
REVISED: 12/27/2023
M:\US\Projects\G-L\Int_Rectifier\0444392 Infineon Phase 2\Maps\Griffin Phase 2 Report\Figure 3 Soil Vapor Sampling Results december 2023.mxd



DRAWN BY: Kelly Lyons

M:\US\Projects\G-L\Int_Rectifier\0444392 Infineon Phase 2\Maps\Griffin Phase 2 Report\Figure 3 Soil Sampling Results Chromium.mxd, REVISED: 01/18/2024, SCALE: 1:960 when printed at 8.5x11

Legend

- ERM 2023 Soil Boring and Soil Vapor Sample Location
- Damaged During Redevelopment
- GTI 1996 Soil Boring
- ERM 2017 Soil Boring
- ERM 2017 Indoor Air Sample, Soil Boring, and/or Soil Vapor Sample Location
- ERM 2018 Soil Boring and Soil Vapor Sample
- ERM 2019 Soil Boring
- Soil Sample Location for CrVI analysis
- ERM 2017 Sample Analyzed for Metals
- Hydrogen, Nitrogen, and Clean Dry Air Piping
- Former Train Track (Approximate)
- Subject Property
- Hexavalent Chromium Isocontour - Dashed where inferred
- Hexavalent Chromium Isocontour (0.5 foot depth) (> 0.3 mg/kg.)
- Hexavalent Chromium Isocontour (5 foot depth) (> 0.3 mg/kg.)

Source: Los Angeles Aerial Webservice, 2012; NAD 1983 StatePlane California V FIPS 0405 Feet

Figure 3
Soil Sample Results
November 2023
Former Infineon Facility
1521 E Grand Avenue
El Segundo, California

Environmental Resources Management
www.erm.com
ERM

APPENDIX A LABORATORY REPORTS AND DATA VALIDATION

1050 SW 6th Avenue
Suite 1650
Portland, OR 97204

T +1 503 488 5282

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MEMO

TO	Nick Milkovich
FROM	Jack James
DATE	26 December 2023
REFERENCE	0596801
SUBJECT	Data Review of Griffin El Segundo November and December 2023 Soil Investigation Samples: Eurofins Calscience LLC Data Package 570-162883-1.

The data quality was assessed, and any necessary qualifiers were applied following the *USEPA National Functional Guidelines for Inorganic Superfund Methods Data Review*, November 2020.

PRESERVATION EVALUATION

The sample shipments were received at the laboratory within the method-prescribed temperature preservation requirements of less than 6°C and in good condition. No data were qualified because of preservation conditions.

HOLDING TIME EVALUATION

The samples were also prepared and analyzed within the method-prescribed time period from the date of collection. No qualifications were necessary.

BLANK EVALUATION

The method sample results were non-detected for each of the target analytes. No data were qualified on the basis of the blank evaluation. The blank results indicate that no contaminants were introduced to the samples during processing or analysis in the laboratory.

BLANK SPIKE EVALUATION

The laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) recoveries and relative percent differences (RPDs) were within the laboratory's limits of acceptance. The LCS and LCSD recoveries and RPDs indicate acceptable laboratory accuracy and precision.

MATRIX SPIKE EVALUATION

The matrix spike and matrix spike duplicate recoveries and RPDs were within the laboratory's limits of acceptance for samples prepared from project samples, indicating acceptable laboratory accuracy and precision and minimal matrix interference.

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FIELD DUPLICATE EVALUATION

No field duplicates were submitted.

OVERALL ASSESSMENT

No results were qualified or rejected. All of the data can be used for decision-making purposes. The quality of the data generated during this investigation is acceptable for the preparation of technically defensible documents.

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Maggie Tymkow
ERM-West
1920 Main Street
Suite 300
Irvine, California 92614

Generated 12/18/2023 9:14:40 AM

JOB DESCRIPTION

Griffin El Segundo / 0596801

JOB NUMBER

570-162883-1

Eurofins Calscience
2841 Dow Avenue, Suite 100
Tustin CA 92780

See page two for job notes and contact information.

my EOL

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Calscience Project Manager.

Authorization



Generated
12/18/2023 9:14:40 AM

Authorized for release by
Janice Hsu, Project Manager I
Janice.Hsu@et.eurofinsus.com
(657)210-6359

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Definitions/Glossary

Client: ERM-West
Job ID: 570-162883-1
Project/Site: Griffin El Segundo / 0596801

Qualifiers

HPLC/IC

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: ERM-West
Project/Site: Griffin El Segundo / 0596801

Job ID: 570-162883-1

Job ID: 570-162883-1

Laboratory: Eurofins Calscience

Narrative

Job Narrative
570-162883-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers are applied to indicate exceptions. Noncompliant quality control (QC) is further explained in narrative comments.

Matrix QC may not be reported if insufficient sample or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt
The samples were received on 12/1/2023 2:17 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 2.2°C

HPLC/IC
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Metals
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Detection Summary

Client: ERM-West
Job ID: 570-162883-1
Project/Site: Griffin El Segundo / 0596801

Client Sample ID: CR-01-0.5-231130 — Lab Sample ID: 570-162883-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chromium, hexavalent	340	J	390	190	ug/Kg	10		7199	Total/NA
Chromium	15.3		1.00	0.186	mg/Kg	5		6010B	Total/NA

Client Sample ID: CR-01-5-231130 — Lab Sample ID: 570-162883-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chromium, hexavalent	480		400	190	ug/Kg	10		7199	Total/NA
Chromium	11.9		1.01	0.188	mg/Kg	5		6010B	Total/NA

Client Sample ID: CR-02-0.5-231130 — Lab Sample ID: 570-162883-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chromium	10.2		1.02	0.189	mg/Kg	5		6010B	Total/NA

Client Sample ID: CR-02-5-231130 — Lab Sample ID: 570-162883-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chromium, hexavalent	400		400	190	ug/Kg	10		7199	Total/NA
Chromium	12.5		0.990	0.184	mg/Kg	5		6010B	Total/NA

Client Sample ID: CR-03-0.5-231130 — Lab Sample ID: 570-162883-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chromium, hexavalent	340	J	400	190	ug/Kg	10		7199	Total/NA
Chromium	24.4		1.01	0.187	mg/Kg	5		6010B	Total/NA

Client Sample ID: CR-03-5-231130 — Lab Sample ID: 570-162883-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chromium, hexavalent	440		390	190	ug/Kg	10		7199	Total/NA
Chromium	14.7		0.985	0.183	mg/Kg	5		6010B	Total/NA

Client Sample ID: CR-04-0.5-231130 — Lab Sample ID: 570-162883-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chromium, hexavalent	220	J	390	190	ug/Kg	10		7199	Total/NA
Chromium	11.0		1.03	0.191	mg/Kg	5		6010B	Total/NA

Client Sample ID: CR-04-5-231130 — Lab Sample ID: 570-162883-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chromium, hexavalent	730		390	190	ug/Kg	10		7199	Total/NA
Chromium	11.9		1.00	0.186	mg/Kg	5		6010B	Total/NA

Client Sample ID: CR-05-0.5-231130 — Lab Sample ID: 570-162883-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chromium, hexavalent	440		390	190	ug/Kg	10		7199	Total/NA
Chromium	18.5		0.995	0.185	mg/Kg	5		6010B	Total/NA

Client Sample ID: CR-05-5-231130 — Lab Sample ID: 570-162883-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chromium, hexavalent	750		390	190	ug/Kg	10		7199	Total/NA
Chromium	20.0		1.01	0.187	mg/Kg	5		6010B	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Calscience

Detection Summary

Client: ERM-West
Job ID: 570-162883-1
Project/Site: Griffin El Segundo / 0596801

Client Sample ID: CR-06-0.5-231130 — Lab Sample ID: 570-162883-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chromium, hexavalent	220	J	410	190	ug/Kg	10		7199	Total/NA
Chromium	12.9		1.00	0.186	mg/Kg	5		6010B	Total/NA

Client Sample ID: CR-06-5-231130 — Lab Sample ID: 570-162883-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chromium, hexavalent	280	J	390	190	ug/Kg	10		7199	Total/NA
Chromium	12.0		0.980	0.182	mg/Kg	5		6010B	Total/NA

Client Sample ID: CR-07-0.5-231130 — Lab Sample ID: 570-162883-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chromium	9.68		1.03	0.191	mg/Kg	5		6010B	Total/NA

Client Sample ID: CR-07-5-231130 — Lab Sample ID: 570-162883-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chromium, hexavalent	460		400	190	ug/Kg	10		7199	Total/NA
Chromium	11.9		0.985	0.183	mg/Kg	5		6010B	Total/NA

Client Sample ID: CR-08-0.5-231201 — Lab Sample ID: 570-162883-15

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chromium, hexavalent	230	J	390	190	ug/Kg	10		7199	Total/NA
Chromium	15.5		0.990	0.184	mg/Kg	5		6010B	Total/NA

Client Sample ID: CR-08-5-231201 — Lab Sample ID: 570-162883-16

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chromium, hexavalent	200	J	390	190	ug/Kg	10		7199	Total/NA
Chromium	20.1		1.00	0.186	mg/Kg	5		6010B	Total/NA

Client Sample ID: CR-09-0.5-231201 — Lab Sample ID: 570-162883-17

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chromium, hexavalent	310	J	400	190	ug/Kg	10		7199	Total/NA
Chromium	18.3		0.980	0.182	mg/Kg	5		6010B	Total/NA

Client Sample ID: CR-09-5-231201 — Lab Sample ID: 570-162883-18

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chromium, hexavalent	230	J	390	190	ug/Kg	10		7199	Total/NA
Chromium	12.5		0.985	0.183	mg/Kg	5		6010B	Total/NA

Client Sample ID: CR-10-0.5-231130 — Lab Sample ID: 570-162883-19

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chromium, hexavalent	380	J	390	190	ug/Kg	10		7199	Total/NA
Chromium	13.8		1.02	0.190	mg/Kg	5		6010B	Total/NA

Client Sample ID: CR-10-5-231130 — Lab Sample ID: 570-162883-20

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chromium, hexavalent	400	J	410	190	ug/Kg	10		7199	Total/NA
Chromium	12.2		0.980	0.182	mg/Kg	5		6010B	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: ERM-West
Job ID: 570-162883-1
Project/Site: Griffin El Segundo / 0596801

Client Sample ID: CR-11-0.5-231130 — Lab Sample ID: 570-162883-21

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chromium	16.9		1.02	0.190	mg/Kg	5		6010B	Total/NA

Client Sample ID: CR-11-5-231130 — Lab Sample ID: 570-162883-22

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chromium, hexavalent	330	J	390	190	ug/Kg	10		7199	Total/NA
Chromium	16.4		0.980	0.182	mg/Kg	5		6010B	Total/NA

Client Sample ID: CR-12-0.5-231201 — Lab Sample ID: 570-162883-23

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chromium	25.5		1.00	0.186	mg/Kg	5		6010B	Total/NA

Client Sample ID: CR-12-5-231201 — Lab Sample ID: 570-162883-24

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chromium, hexavalent	410		400	190	ug/Kg	10		7199	Total/NA
Chromium	13.9		1.00	0.186	mg/Kg	5		6010B	Total/NA

Client Sample ID: CR-13-0.5-231130 — Lab Sample ID: 570-162883-25

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chromium	18.5		1.02	0.189	mg/Kg	5		6010B	Total/NA

Client Sample ID: CR-13-5-231130 — Lab Sample ID: 570-162883-26

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chromium, hexavalent	27	J	40	19	ug/Kg	1		7199	Total/NA
Chromium	19.2		1.00	0.186	mg/Kg	5		6010B	Total/NA

Client Sample ID: CR-14-0.5-231130 — Lab Sample ID: 570-162883-27

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chromium, hexavalent	46		41	19	ug/Kg	1		7199	Total/NA
Chromium	25.1		1.00	0.186	mg/Kg	5		6010B	Total/NA

Client Sample ID: CR-14-5-231130 — Lab Sample ID: 570-162883-28

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chromium, hexavalent	38	J	40	19	ug/Kg	1		7199	Total/NA
Chromium	16.2		1.03	0.191	mg/Kg	5		6010B	Total/NA

Client Sample ID: CR-15-0.5-231201 — Lab Sample ID: 570-162883-29

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chromium	24.7		0.985	0.183	mg/Kg	5		6010B	Total/NA

Client Sample ID: CR-15-5-231201 — Lab Sample ID: 570-162883-30

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chromium, hexavalent	69		39	19	ug/Kg	1		7199	Total/NA
Chromium	29.7		0.980	0.182	mg/Kg	5		6010B	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: ERM-West
Job ID: 570-162883-1
Project/Site: Griffin El Segundo / 0596801

Client Sample ID: CR-16-0.5-231201 — Lab Sample ID: 570-162883-31

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chromium, hexavalent	44		39	19	ug/Kg	1		7199	Total/NA
Chromium	10.9		1.02	0.189	mg/Kg	5		6010B	Total/NA

Client Sample ID: CR-16-5-231201 — Lab Sample ID: 570-162883-32

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chromium	8.53		1.00	0.186	mg/Kg	5		6010B	Total/NA

Client Sample ID: CR-17-0.5-231130 — Lab Sample ID: 570-162883-33

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chromium, hexavalent	23	J	40	19	ug/Kg	1		7199	Total/NA
Chromium	28.3		1.00	0.186	mg/Kg	5		6010B	Total/NA

Client Sample ID: CR-17-5-231130 — Lab Sample ID: 570-162883-34

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chromium, hexavalent	26	J	39	19	ug/Kg	1		7199	Total/NA
Chromium	13.9		1.01	0.187	mg/Kg	5		6010B	Total/NA

This Detection Summary does not include radiochemical test results.

Method: SW846 7199 - Chromium, Hexavalent (IC)

Client Sample ID: CR-01-0.5-231130 — **Lab Sample ID: 570-162883-1**
Date Collected: 11/30/23 09:15 — **Matrix: Solid**
Date Received: 12/01/23 14:17

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium, hexavalent	340	J	390	190	ug/Kg		12/05/23 03:00	12/05/23 06:02	10

Client Sample ID: CR-01-5-231130 — **Lab Sample ID: 570-162883-2**
Date Collected: 11/30/23 09:30 — **Matrix: Solid**
Date Received: 12/01/23 14:17

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium, hexavalent	480		400	190	ug/Kg		12/05/23 03:00	12/05/23 07:02	10

Client Sample ID: CR-02-0.5-231130 — **Lab Sample ID: 570-162883-3**
Date Collected: 11/30/23 09:35 — **Matrix: Solid**
Date Received: 12/01/23 14:17

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium, hexavalent	ND		400	190	ug/Kg		12/05/23 03:00	12/05/23 07:14	10

Client Sample ID: CR-02-5-231130 — **Lab Sample ID: 570-162883-4**
Date Collected: 11/30/23 09:50 — **Matrix: Solid**
Date Received: 12/01/23 14:17

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium, hexavalent	400		400	190	ug/Kg		12/05/23 03:00	12/05/23 07:26	10

Client Sample ID: CR-03-0.5-231130 — **Lab Sample ID: 570-162883-5**
Date Collected: 11/30/23 13:55 — **Matrix: Solid**
Date Received: 12/01/23 14:17

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium, hexavalent	340	J	400	190	ug/Kg		12/05/23 03:00	12/05/23 07:37	10

Client Sample ID: CR-03-5-231130 — **Lab Sample ID: 570-162883-6**
Date Collected: 11/30/23 14:00 — **Matrix: Solid**
Date Received: 12/01/23 14:17

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium, hexavalent	440		390	190	ug/Kg		12/05/23 03:00	12/05/23 07:49	10

Client Sample ID: CR-04-0.5-231130 — **Lab Sample ID: 570-162883-7**
Date Collected: 11/30/23 09:45 — **Matrix: Solid**
Date Received: 12/01/23 14:17

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium, hexavalent	220	J	390	190	ug/Kg		12/05/23 03:00	12/05/23 08:01	10

Client Sample ID: CR-04-5-231130 — **Lab Sample ID: 570-162883-8**
Date Collected: 11/30/23 09:55 — **Matrix: Solid**
Date Received: 12/01/23 14:17

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium, hexavalent	730		390	190	ug/Kg		12/05/23 03:00	12/05/23 08:13	10

Client Sample ID: CR-05-0.5-231130 — **Lab Sample ID: 570-162883-9**
Date Collected: 11/30/23 10:15 — **Matrix: Solid**
Date Received: 12/01/23 14:17

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium, hexavalent	440		390	190	ug/Kg		12/05/23 03:00	12/05/23 08:25	10

Method: SW846 7199 - Chromium, Hexavalent (IC)

Client Sample ID: CR-05-5-231130
Lab Sample ID: 570-162883-10
Date Collected: 11/30/23 10:30
Matrix: Solid
Date Received: 12/01/23 14:17

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium, hexavalent	750		390	190	ug/Kg		12/05/23 03:00	12/05/23 08:37	10

Client Sample ID: CR-06-0.5-231130
Lab Sample ID: 570-162883-11
Date Collected: 11/30/23 10:30
Matrix: Solid
Date Received: 12/01/23 14:17

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium, hexavalent	220	J	410	190	ug/Kg		12/05/23 03:00	12/05/23 09:13	10

Client Sample ID: CR-06-5-231130
Lab Sample ID: 570-162883-12
Date Collected: 11/30/23 10:45
Matrix: Solid
Date Received: 12/01/23 14:17

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium, hexavalent	280	J	390	190	ug/Kg		12/05/23 03:00	12/05/23 09:25	10

Client Sample ID: CR-07-0.5-231130
Lab Sample ID: 570-162883-13
Date Collected: 11/30/23 10:55
Matrix: Solid
Date Received: 12/01/23 14:17

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium, hexavalent	ND		400	190	ug/Kg		12/05/23 03:00	12/05/23 09:37	10

Client Sample ID: CR-07-5-231130
Lab Sample ID: 570-162883-14
Date Collected: 11/30/23 11:15
Matrix: Solid
Date Received: 12/01/23 14:17

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium, hexavalent	460		400	190	ug/Kg		12/05/23 03:00	12/05/23 09:49	10

Client Sample ID: CR-08-0.5-231201
Lab Sample ID: 570-162883-15
Date Collected: 12/01/23 08:25
Matrix: Solid
Date Received: 12/01/23 14:17

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium, hexavalent	230	J	390	190	ug/Kg		12/05/23 03:00	12/05/23 10:01	10

Client Sample ID: CR-08-5-231201
Lab Sample ID: 570-162883-16
Date Collected: 12/01/23 08:40
Matrix: Solid
Date Received: 12/01/23 14:17

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium, hexavalent	200	J	390	190	ug/Kg		12/05/23 03:00	12/05/23 10:13	10

Client Sample ID: CR-09-0.5-231201
Lab Sample ID: 570-162883-17
Date Collected: 12/01/23 08:50
Matrix: Solid
Date Received: 12/01/23 14:17

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium, hexavalent	310	J	400	190	ug/Kg		12/05/23 03:00	12/05/23 10:25	10

Client Sample ID: CR-09-5-231201
Lab Sample ID: 570-162883-18
Date Collected: 12/01/23 09:00
Matrix: Solid
Date Received: 12/01/23 14:17

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium, hexavalent	230	J	390	190	ug/Kg		12/05/23 03:00	12/05/23 10:37	10

Method: SW846 7199 - Chromium, Hexavalent (IC)

Client Sample ID: CR-10-0.5-231130 — **Lab Sample ID: 570-162883-19**
Date Collected: 11/30/23 11:35 — **Matrix: Solid**
Date Received: 12/01/23 14:17

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium, hexavalent	**380**	**J**	390	190	ug/Kg		12/05/23 03:00	12/05/23 10:49	10

Client Sample ID: CR-10-5-231130 — **Lab Sample ID: 570-162883-20**
Date Collected: 11/30/23 11:45 — **Matrix: Solid**
Date Received: 12/01/23 14:17

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium, hexavalent	**400**	**J**	410	190	ug/Kg		12/05/23 03:00	12/05/23 11:01	10

Client Sample ID: CR-11-0.5-231130 — **Lab Sample ID: 570-162883-21**
Date Collected: 11/30/23 11:30 — **Matrix: Solid**
Date Received: 12/01/23 14:17

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium, hexavalent	ND		390	190	ug/Kg		12/05/23 03:00	12/05/23 13:12	10

Client Sample ID: CR-11-5-231130 — **Lab Sample ID: 570-162883-22**
Date Collected: 11/30/23 11:40 — **Matrix: Solid**
Date Received: 12/01/23 14:17

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium, hexavalent	**330**	**J**	390	190	ug/Kg		12/05/23 03:00	12/05/23 13:24	10

Client Sample ID: CR-12-0.5-231201 — **Lab Sample ID: 570-162883-23**
Date Collected: 12/01/23 08:20 — **Matrix: Solid**
Date Received: 12/01/23 14:17

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium, hexavalent	ND		400	190	ug/Kg		12/05/23 03:00	12/05/23 12:13	10

Client Sample ID: CR-12-5-231201 — **Lab Sample ID: 570-162883-24**
Date Collected: 12/01/23 08:30 — **Matrix: Solid**
Date Received: 12/01/23 14:17

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium, hexavalent	**410**		400	190	ug/Kg		12/05/23 03:00	12/05/23 13:36	10

Client Sample ID: CR-13-0.5-231130 — **Lab Sample ID: 570-162883-25**
Date Collected: 11/30/23 15:10 — **Matrix: Solid**
Date Received: 12/01/23 14:17

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium, hexavalent	ND		40	19	ug/Kg		12/05/23 03:00	12/05/23 14:12	1

Client Sample ID: CR-13-5-231130 — **Lab Sample ID: 570-162883-26**
Date Collected: 11/30/23 15:25 — **Matrix: Solid**
Date Received: 12/01/23 14:17

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium, hexavalent	**27**	**J**	40	19	ug/Kg		12/05/23 03:00	12/05/23 14:24	1

Client Sample ID: CR-14-0.5-231130 — **Lab Sample ID: 570-162883-27**
Date Collected: 11/30/23 13:10 — **Matrix: Solid**
Date Received: 12/01/23 14:17

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium, hexavalent	**46**		41	19	ug/Kg		12/05/23 03:00	12/05/23 14:36	1

Method: SW846 7199 - Chromium, Hexavalent (IC)

Client Sample ID: CR-14-5-231130
Date Collected: 11/30/23 13:25
Date Received: 12/01/23 14:17
Lab Sample ID: 570-162883-28
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium, hexavalent	**38**	**J**	40	19	ug/Kg		12/05/23 03:00	12/05/23 14:48	1

Client Sample ID: CR-15-0.5-231201
Date Collected: 12/01/23 07:55
Date Received: 12/01/23 14:17
Lab Sample ID: 570-162883-29
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium, hexavalent	ND		39	19	ug/Kg		12/05/23 03:00	12/05/23 15:00	1

Client Sample ID: CR-15-5-231201
Date Collected: 12/01/23 08:10
Date Received: 12/01/23 14:17
Lab Sample ID: 570-162883-30
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium, hexavalent	**69**		39	19	ug/Kg		12/05/23 03:00	12/05/23 15:12	1

Client Sample ID: CR-16-0.5-231201
Date Collected: 12/01/23 07:30
Date Received: 12/01/23 14:17
Lab Sample ID: 570-162883-31
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium, hexavalent	**44**		39	19	ug/Kg		12/05/23 03:00	12/05/23 15:24	1

Client Sample ID: CR-16-5-231201
Date Collected: 12/01/23 07:40
Date Received: 12/01/23 14:17
Lab Sample ID: 570-162883-32
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium, hexavalent	ND		39	19	ug/Kg		12/05/23 03:00	12/05/23 15:36	1

Client Sample ID: CR-17-0.5-231130
Date Collected: 11/30/23 13:30
Date Received: 12/01/23 14:17
Lab Sample ID: 570-162883-33
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium, hexavalent	**23**	**J**	40	19	ug/Kg		12/05/23 03:00	12/05/23 15:48	1

Client Sample ID: CR-17-5-231130
Date Collected: 11/30/23 13:45
Date Received: 12/01/23 14:17
Lab Sample ID: 570-162883-34
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium, hexavalent	**26**	**J**	39	19	ug/Kg		12/05/23 03:00	12/05/23 16:00	1

Method: SW846 6010B - Metals (ICP)

Client Sample ID: CR-01-0.5-231130
Lab Sample ID: 570-162883-1
Date Collected: 11/30/23 09:15
Matrix: Solid
Date Received: 12/01/23 14:17

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	15.3		1.00	0.186	mg/Kg		12/11/23 07:38	12/14/23 16:53	5

Client Sample ID: CR-01-5-231130
Lab Sample ID: 570-162883-2
Date Collected: 11/30/23 09:30
Matrix: Solid
Date Received: 12/01/23 14:17

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	11.9		1.01	0.188	mg/Kg		12/11/23 07:38	12/14/23 16:55	5

Client Sample ID: CR-02-0.5-231130
Lab Sample ID: 570-162883-3
Date Collected: 11/30/23 09:35
Matrix: Solid
Date Received: 12/01/23 14:17

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	10.2		1.02	0.189	mg/Kg		12/11/23 07:38	12/14/23 16:58	5

Client Sample ID: CR-02-5-231130
Lab Sample ID: 570-162883-4
Date Collected: 11/30/23 09:50
Matrix: Solid
Date Received: 12/01/23 14:17

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	12.5		0.990	0.184	mg/Kg		12/11/23 07:38	12/14/23 17:00	5

Client Sample ID: CR-03-0.5-231130
Lab Sample ID: 570-162883-5
Date Collected: 11/30/23 13:55
Matrix: Solid
Date Received: 12/01/23 14:17

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	24.4		1.01	0.187	mg/Kg		12/11/23 07:38	12/14/23 17:10	5

Client Sample ID: CR-03-5-231130
Lab Sample ID: 570-162883-6
Date Collected: 11/30/23 14:00
Matrix: Solid
Date Received: 12/01/23 14:17

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	14.7		0.985	0.183	mg/Kg		12/11/23 07:38	12/14/23 17:12	5

Client Sample ID: CR-04-0.5-231130
Lab Sample ID: 570-162883-7
Date Collected: 11/30/23 09:45
Matrix: Solid
Date Received: 12/01/23 14:17

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	11.0		1.03	0.191	mg/Kg		12/11/23 07:38	12/14/23 17:15	5

Client Sample ID: CR-04-5-231130
Lab Sample ID: 570-162883-8
Date Collected: 11/30/23 09:55
Matrix: Solid
Date Received: 12/01/23 14:17

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	11.9		1.00	0.186	mg/Kg		12/11/23 07:38	12/14/23 17:17	5

Client Sample ID: CR-05-0.5-231130
Lab Sample ID: 570-162883-9
Date Collected: 11/30/23 10:15
Matrix: Solid
Date Received: 12/01/23 14:17

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	18.5		0.995	0.185	mg/Kg		12/11/23 07:38	12/14/23 17:19	5

Method: SW846 6010B - Metals (ICP)

Client Sample ID: CR-05-5-231130
Date Collected: 11/30/23 10:30
Date Received: 12/01/23 14:17
Lab Sample ID: 570-162883-10
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	20.0		1.01	0.187	mg/Kg		12/11/23 07:38	12/14/23 17:56	5

Client Sample ID: CR-06-0.5-231130
Date Collected: 11/30/23 10:30
Date Received: 12/01/23 14:17
Lab Sample ID: 570-162883-11
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	12.9		1.00	0.186	mg/Kg		12/11/23 07:38	12/14/23 17:59	5

Client Sample ID: CR-06-5-231130
Date Collected: 11/30/23 10:45
Date Received: 12/01/23 14:17
Lab Sample ID: 570-162883-12
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	12.0		0.980	0.182	mg/Kg		12/11/23 07:38	12/14/23 18:01	5

Client Sample ID: CR-07-0.5-231130
Date Collected: 11/30/23 10:55
Date Received: 12/01/23 14:17
Lab Sample ID: 570-162883-13
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	9.68		1.03	0.191	mg/Kg		12/11/23 07:38	12/14/23 18:04	5

Client Sample ID: CR-07-5-231130
Date Collected: 11/30/23 11:15
Date Received: 12/01/23 14:17
Lab Sample ID: 570-162883-14
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	11.9		0.985	0.183	mg/Kg		12/11/23 07:38	12/14/23 18:20	5

Client Sample ID: CR-08-0.5-231201
Date Collected: 12/01/23 08:25
Date Received: 12/01/23 14:17
Lab Sample ID: 570-162883-15
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	15.5		0.990	0.184	mg/Kg		12/11/23 07:38	12/14/23 16:43	5

Client Sample ID: CR-08-5-231201
Date Collected: 12/01/23 08:40
Date Received: 12/01/23 14:17
Lab Sample ID: 570-162883-16
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	20.1		1.00	0.186	mg/Kg		12/11/23 07:38	12/14/23 18:22	5

Client Sample ID: CR-09-0.5-231201
Date Collected: 12/01/23 08:50
Date Received: 12/01/23 14:17
Lab Sample ID: 570-162883-17
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	18.3		0.980	0.182	mg/Kg		12/11/23 07:38	12/14/23 18:25	5

Client Sample ID: CR-09-5-231201
Date Collected: 12/01/23 09:00
Date Received: 12/01/23 14:17
Lab Sample ID: 570-162883-18
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	12.5		0.985	0.183	mg/Kg		12/11/23 07:38	12/14/23 18:27	5

Method: SW846 6010B - Metals (ICP)

Client Sample ID: CR-10-0.5-231130
Date Collected: 11/30/23 11:35
Date Received: 12/01/23 14:17
Lab Sample ID: 570-162883-19
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	13.8		1.02	0.190	mg/Kg		12/11/23 07:38	12/14/23 18:30	5

Client Sample ID: CR-10-5-231130
Date Collected: 11/30/23 11:45
Date Received: 12/01/23 14:17
Lab Sample ID: 570-162883-20
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	12.2		0.980	0.182	mg/Kg		12/11/23 07:38	12/14/23 18:32	5

Client Sample ID: CR-11-0.5-231130
Date Collected: 11/30/23 11:30
Date Received: 12/01/23 14:17
Lab Sample ID: 570-162883-21
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	16.9		1.02	0.190	mg/Kg		12/11/23 07:45	12/14/23 12:06	5

Client Sample ID: CR-11-5-231130
Date Collected: 11/30/23 11:40
Date Received: 12/01/23 14:17
Lab Sample ID: 570-162883-22
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	16.4		0.980	0.182	mg/Kg		12/11/23 07:45	12/14/23 12:08	5

Client Sample ID: CR-12-0.5-231201
Date Collected: 12/01/23 08:20
Date Received: 12/01/23 14:17
Lab Sample ID: 570-162883-23
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	25.5		1.00	0.186	mg/Kg		12/11/23 07:45	12/14/23 12:27	5

Client Sample ID: CR-12-5-231201
Date Collected: 12/01/23 08:30
Date Received: 12/01/23 14:17
Lab Sample ID: 570-162883-24
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	13.9		1.00	0.186	mg/Kg		12/11/23 07:45	12/14/23 11:56	5

Client Sample ID: CR-13-0.5-231130
Date Collected: 11/30/23 15:10
Date Received: 12/01/23 14:17
Lab Sample ID: 570-162883-25
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	18.5		1.02	0.189	mg/Kg		12/11/23 07:45	12/14/23 12:29	5

Client Sample ID: CR-13-5-231130
Date Collected: 11/30/23 15:25
Date Received: 12/01/23 14:17
Lab Sample ID: 570-162883-26
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	19.2		1.00	0.186	mg/Kg		12/11/23 07:45	12/14/23 12:32	5

Client Sample ID: CR-14-0.5-231130
Date Collected: 11/30/23 13:10
Date Received: 12/01/23 14:17
Lab Sample ID: 570-162883-27
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	25.1		1.00	0.186	mg/Kg		12/11/23 07:45	12/14/23 12:34	5

Method: SW846 6010B - Metals (ICP)

Client Sample ID: CR-14-5-231130
Date Collected: 11/30/23 13:25
Date Received: 12/01/23 14:17
Lab Sample ID: 570-162883-28
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	16.2		1.03	0.191	mg/Kg		12/11/23 07:45	12/14/23 12:37	5

Client Sample ID: CR-15-0.5-231201
Date Collected: 12/01/23 07:55
Date Received: 12/01/23 14:17
Lab Sample ID: 570-162883-29
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	24.7		0.985	0.183	mg/Kg		12/11/23 07:45	12/14/23 12:39	5

Client Sample ID: CR-15-5-231201
Date Collected: 12/01/23 08:10
Date Received: 12/01/23 14:17
Lab Sample ID: 570-162883-30
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	29.7		0.980	0.182	mg/Kg		12/11/23 07:45	12/14/23 12:42	5

Client Sample ID: CR-16-0.5-231201
Date Collected: 12/01/23 07:30
Date Received: 12/01/23 14:17
Lab Sample ID: 570-162883-31
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	10.9		1.02	0.189	mg/Kg		12/11/23 07:45	12/14/23 12:44	5

Client Sample ID: CR-16-5-231201
Date Collected: 12/01/23 07:40
Date Received: 12/01/23 14:17
Lab Sample ID: 570-162883-32
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	8.53		1.00	0.186	mg/Kg		12/11/23 07:45	12/14/23 12:46	5

Client Sample ID: CR-17-0.5-231130
Date Collected: 11/30/23 13:30
Date Received: 12/01/23 14:17
Lab Sample ID: 570-162883-33
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	28.3		1.00	0.186	mg/Kg		12/11/23 07:45	12/14/23 12:49	5

Client Sample ID: CR-17-5-231130
Date Collected: 11/30/23 13:45
Date Received: 12/01/23 14:17
Lab Sample ID: 570-162883-34
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	13.9		1.01	0.187	mg/Kg		12/11/23 07:45	12/14/23 12:58	5

Method: 7199 - Chromium, Hexavalent (IC)

Lab Sample ID: MB 570-388931/1-A
Client Sample ID: Method Blank
Matrix: Solid
Prep Type: Total/NA
Analysis Batch: 389338
Prep Batch: 388931

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium, hexavalent	ND		410	190	ug/Kg		12/05/23 03:00	12/05/23 05:16	10

Lab Sample ID: LCS 570-388931/2-A
Client Sample ID: Lab Control Sample
Matrix: Solid
Prep Type: Total/NA
Analysis Batch: 389338
Prep Batch: 388931

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chromium, hexavalent	19500	19060		ug/Kg		98	80 - 120

Lab Sample ID: LCSD 570-388931/3-A
Client Sample ID: Lab Control Sample Dup
Matrix: Solid
Prep Type: Total/NA
Analysis Batch: 389338
Prep Batch: 388931

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chromium, hexavalent	20200	17050		ug/Kg		85	80 - 120	11	20

Lab Sample ID: 570-162883-1 MS
Client Sample ID: CR-01-0.5-231130
Matrix: Solid
Prep Type: Total/NA
Analysis Batch: 389338
Prep Batch: 388931

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chromium, hexavalent	340	J	19700	17630		ug/Kg		88	75 - 125

Lab Sample ID: 570-162883-1 MSD
Client Sample ID: CR-01-0.5-231130
Matrix: Solid
Prep Type: Total/NA
Analysis Batch: 389338
Prep Batch: 388931

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chromium, hexavalent	340	J	19400	21350		ug/Kg		108	75 - 125	19	25

Lab Sample ID: 570-162883-1 MSI
Client Sample ID: CR-01-0.5-231130
Matrix: Solid
Prep Type: Total/NA
Analysis Batch: 389338
Prep Batch: 388931

Analyte	Sample Result	Sample Qualifier	Spike Added	MSI Result	MSI Qualifier	Unit	D	%Rec	%Rec Limits
Chromium, hexavalent	340	J	952000	1195000		ug/Kg		125	75 - 125

Lab Sample ID: 570-162883-1 MSID
Client Sample ID: CR-01-0.5-231130
Matrix: Solid
Prep Type: Total/NA
Analysis Batch: 389338
Prep Batch: 388931

Analyte	Sample Result	Sample Qualifier	Spike Added	MSID Result	MSID Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chromium, hexavalent	340	J	960000	1011000		ug/Kg		105	75 - 125	17	25

Lab Sample ID: MB 570-388932/1-A
Client Sample ID: Method Blank
Matrix: Solid
Prep Type: Total/NA
Analysis Batch: 389338
Prep Batch: 388932

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium, hexavalent	ND		400	190	ug/Kg		12/05/23 03:00	12/05/23 11:37	10

Method: 7199 - Chromium, Hexavalent (IC)

Lab Sample ID: LCS 570-388932/2-A
Client Sample ID: Lab Control Sample
Matrix: Solid
Prep Type: Total/NA
Analysis Batch: 389338
Prep Batch: 388932

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chromium, hexavalent			19700	18130		ug/Kg		92	80 - 120		

Lab Sample ID: LCSD 570-388932/3-A
Client Sample ID: Lab Control Sample Dup
Matrix: Solid
Prep Type: Total/NA
Analysis Batch: 389338
Prep Batch: 388932

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chromium, hexavalent			19800	18000		ug/Kg		91	80 - 120	1	20

Lab Sample ID: 570-162883-23 MS
Client Sample ID: CR-12-0.5-231201
Matrix: Solid
Prep Type: Total/NA
Analysis Batch: 389338
Prep Batch: 388932

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chromium, hexavalent	ND		20000	18210		ug/Kg		91	75 - 125		

Lab Sample ID: 570-162883-23 MSD
Client Sample ID: CR-12-0.5-231201
Matrix: Solid
Prep Type: Total/NA
Analysis Batch: 389338
Prep Batch: 388932

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chromium, hexavalent	ND		20300	19050		ug/Kg		94	75 - 125	5	25

Lab Sample ID: 570-162883-23 MSI
Client Sample ID: CR-12-0.5-231201
Matrix: Solid
Prep Type: Total/NA
Analysis Batch: 389338
Prep Batch: 388932

Analyte	Sample Result	Sample Qualifier	Spike Added	MSI Result	MSI Qualifier	Unit	D	%Rec	%Rec Limits		
Chromium, hexavalent	ND		945000	954400		ug/Kg		101	75 - 125		

Lab Sample ID: 570-162883-23 MSID
Client Sample ID: CR-12-0.5-231201
Matrix: Solid
Prep Type: Total/NA
Analysis Batch: 389338
Prep Batch: 388932

Analyte	Sample Result	Sample Qualifier	Spike Added	MSID Result	MSID Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chromium, hexavalent	ND		945000	919100		ug/Kg		97	75 - 125	4	25

Method: 6010B - Metals (ICP)

Lab Sample ID: MB 570-391182/1-A ^5
Client Sample ID: Method Blank
Matrix: Solid
Prep Type: Total/NA
Analysis Batch: 392917
Prep Batch: 391182

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	ND		1.01	0.188	mg/Kg		12/11/23 07:38	12/14/23 16:38	5

Method: 6010B - Metals (ICP) (Continued)

Lab Sample ID: LCS 570-391182/2-A ^5
Client Sample ID: Lab Control Sample
Matrix: Solid
Prep Type: Total/NA
Analysis Batch: 392917
Prep Batch: 391182

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chromium	50.5	49.19		mg/Kg		97	80 - 120

Lab Sample ID: LCSD 570-391182/3-A ^5
Client Sample ID: Lab Control Sample Dup
Matrix: Solid
Prep Type: Total/NA
Analysis Batch: 392917
Prep Batch: 391182

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chromium	50.0	46.59		mg/Kg		93	80 - 120	5	20

Lab Sample ID: 570-162883-15 MS
Client Sample ID: CR-08-0.5-231201
Matrix: Solid
Prep Type: Total/NA
Analysis Batch: 392917
Prep Batch: 391182

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chromium	15.5		51.0	63.55		mg/Kg		94	75 - 125

Lab Sample ID: 570-162883-15 MSD
Client Sample ID: CR-08-0.5-231201
Matrix: Solid
Prep Type: Total/NA
Analysis Batch: 392917
Prep Batch: 391182

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chromium	15.5		51.0	62.27		mg/Kg		92	75 - 125	2	20

Lab Sample ID: MB 570-391183/1-A ^5
Client Sample ID: Method Blank
Matrix: Solid
Prep Type: Total/NA
Analysis Batch: 392798
Prep Batch: 391183

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	ND		1.01	0.187	mg/Kg		12/11/23 07:45	12/14/23 11:47	5

Lab Sample ID: LCS 570-391183/2-A ^5
Client Sample ID: Lab Control Sample
Matrix: Solid
Prep Type: Total/NA
Analysis Batch: 392798
Prep Batch: 391183

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chromium	49.5	49.83		mg/Kg		101	80 - 120

Lab Sample ID: LCSD 570-391183/3-A ^5
Client Sample ID: Lab Control Sample Dup
Matrix: Solid
Prep Type: Total/NA
Analysis Batch: 392798
Prep Batch: 391183

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chromium	50.0	49.31		mg/Kg		99	80 - 120	1	20

Lab Sample ID: 570-162883-24 MS
Client Sample ID: CR-12-5-231201
Matrix: Solid
Prep Type: Total/NA
Analysis Batch: 392798
Prep Batch: 391183

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chromium	13.9		50.0	60.70		mg/Kg		94	75 - 125

Client: ERM-West
Job ID: 570-162883-1
Project/Site: Griffin El Segundo / 0596801

Method: 6010B - Metals (ICP)

Lab Sample ID: 570-162883-24 MSD
Client Sample ID: CR-12-5-231201
Matrix: Solid
Prep Type: Total/NA
Analysis Batch: 392798
Prep Batch: 391183

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chromium	13.9		50.3	62.63		mg/Kg		97	75 - 125	3	20

HPLC/IC

Prep Batch: 388931

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-162883-1	CR-01-0.5-231130	Total/NA	Solid	3060A	
570-162883-2	CR-01-5-231130	Total/NA	Solid	3060A	
570-162883-3	CR-02-0.5-231130	Total/NA	Solid	3060A	
570-162883-4	CR-02-5-231130	Total/NA	Solid	3060A	
570-162883-5	CR-03-0.5-231130	Total/NA	Solid	3060A	
570-162883-6	CR-03-5-231130	Total/NA	Solid	3060A	
570-162883-7	CR-04-0.5-231130	Total/NA	Solid	3060A	
570-162883-8	CR-04-5-231130	Total/NA	Solid	3060A	
570-162883-9	CR-05-0.5-231130	Total/NA	Solid	3060A	
570-162883-10	CR-05-5-231130	Total/NA	Solid	3060A	
570-162883-11	CR-06-0.5-231130	Total/NA	Solid	3060A	
570-162883-12	CR-06-5-231130	Total/NA	Solid	3060A	
570-162883-13	CR-07-0.5-231130	Total/NA	Solid	3060A	
570-162883-14	CR-07-5-231130	Total/NA	Solid	3060A	
570-162883-15	CR-08-0.5-231201	Total/NA	Solid	3060A	
570-162883-16	CR-08-5-231201	Total/NA	Solid	3060A	
570-162883-17	CR-09-0.5-231201	Total/NA	Solid	3060A	
570-162883-18	CR-09-5-231201	Total/NA	Solid	3060A	
570-162883-19	CR-10-0.5-231130	Total/NA	Solid	3060A	
570-162883-20	CR-10-5-231130	Total/NA	Solid	3060A	
MB 570-388931/1-A	Method Blank	Total/NA	Solid	3060A	
LCS 570-388931/2-A	Lab Control Sample	Total/NA	Solid	3060A	
LCSD 570-388931/3-A	Lab Control Sample Dup	Total/NA	Solid	3060A	
570-162883-1 MS	CR-01-0.5-231130	Total/NA	Solid	3060A	
570-162883-1 MSD	CR-01-0.5-231130	Total/NA	Solid	3060A	
570-162883-1 MSI	CR-01-0.5-231130	Total/NA	Solid	3060A	
570-162883-1 MSID	CR-01-0.5-231130	Total/NA	Solid	3060A	

Prep Batch: 388932

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-162883-21	CR-11-0.5-231130	Total/NA	Solid	3060A	
570-162883-22	CR-11-5-231130	Total/NA	Solid	3060A	
570-162883-23	CR-12-0.5-231201	Total/NA	Solid	3060A	
570-162883-24	CR-12-5-231201	Total/NA	Solid	3060A	
570-162883-25	CR-13-0.5-231130	Total/NA	Solid	3060A	
570-162883-26	CR-13-5-231130	Total/NA	Solid	3060A	
570-162883-27	CR-14-0.5-231130	Total/NA	Solid	3060A	
570-162883-28	CR-14-5-231130	Total/NA	Solid	3060A	
570-162883-29	CR-15-0.5-231201	Total/NA	Solid	3060A	
570-162883-30	CR-15-5-231201	Total/NA	Solid	3060A	
570-162883-31	CR-16-0.5-231201	Total/NA	Solid	3060A	
570-162883-32	CR-16-5-231201	Total/NA	Solid	3060A	
570-162883-33	CR-17-0.5-231130	Total/NA	Solid	3060A	
570-162883-34	CR-17-5-231130	Total/NA	Solid	3060A	
MB 570-388932/1-A	Method Blank	Total/NA	Solid	3060A	
LCS 570-388932/2-A	Lab Control Sample	Total/NA	Solid	3060A	
LCSD 570-388932/3-A	Lab Control Sample Dup	Total/NA	Solid	3060A	
570-162883-23 MS	CR-12-0.5-231201	Total/NA	Solid	3060A	
570-162883-23 MSD	CR-12-0.5-231201	Total/NA	Solid	3060A	
570-162883-23 MSI	CR-12-0.5-231201	Total/NA	Solid	3060A	
570-162883-23 MSID	CR-12-0.5-231201	Total/NA	Solid	3060A	

Client: ERM-West
Job ID: 570-162883-1
Project/Site: Griffin El Segundo / 0596801

HPLC/IC

Analysis Batch: 389338

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-162883-1	CR-01-0.5-231130	Total/NA	Solid	7199	388931
570-162883-2	CR-01-5-231130	Total/NA	Solid	7199	388931
570-162883-3	CR-02-0.5-231130	Total/NA	Solid	7199	388931
570-162883-4	CR-02-5-231130	Total/NA	Solid	7199	388931
570-162883-5	CR-03-0.5-231130	Total/NA	Solid	7199	388931
570-162883-6	CR-03-5-231130	Total/NA	Solid	7199	388931
570-162883-7	CR-04-0.5-231130	Total/NA	Solid	7199	388931
570-162883-8	CR-04-5-231130	Total/NA	Solid	7199	388931
570-162883-9	CR-05-0.5-231130	Total/NA	Solid	7199	388931
570-162883-10	CR-05-5-231130	Total/NA	Solid	7199	388931
570-162883-11	CR-06-0.5-231130	Total/NA	Solid	7199	388931
570-162883-12	CR-06-5-231130	Total/NA	Solid	7199	388931
570-162883-13	CR-07-0.5-231130	Total/NA	Solid	7199	388931
570-162883-14	CR-07-5-231130	Total/NA	Solid	7199	388931
570-162883-15	CR-08-0.5-231201	Total/NA	Solid	7199	388931
570-162883-16	CR-08-5-231201	Total/NA	Solid	7199	388931
570-162883-17	CR-09-0.5-231201	Total/NA	Solid	7199	388931
570-162883-18	CR-09-5-231201	Total/NA	Solid	7199	388931
570-162883-19	CR-10-0.5-231130	Total/NA	Solid	7199	388931
570-162883-20	CR-10-5-231130	Total/NA	Solid	7199	388931
570-162883-21	CR-11-0.5-231130	Total/NA	Solid	7199	388932
570-162883-22	CR-11-5-231130	Total/NA	Solid	7199	388932
570-162883-23	CR-12-0.5-231201	Total/NA	Solid	7199	388932
570-162883-24	CR-12-5-231201	Total/NA	Solid	7199	388932
570-162883-25	CR-13-0.5-231130	Total/NA	Solid	7199	388932
570-162883-26	CR-13-5-231130	Total/NA	Solid	7199	388932
570-162883-27	CR-14-0.5-231130	Total/NA	Solid	7199	388932
570-162883-28	CR-14-5-231130	Total/NA	Solid	7199	388932
570-162883-29	CR-15-0.5-231201	Total/NA	Solid	7199	388932
570-162883-30	CR-15-5-231201	Total/NA	Solid	7199	388932
570-162883-31	CR-16-0.5-231201	Total/NA	Solid	7199	388932
570-162883-32	CR-16-5-231201	Total/NA	Solid	7199	388932
570-162883-33	CR-17-0.5-231130	Total/NA	Solid	7199	388932
570-162883-34	CR-17-5-231130	Total/NA	Solid	7199	388932
MB 570-388931/1-A	Method Blank	Total/NA	Solid	7199	388931
MB 570-388932/1-A	Method Blank	Total/NA	Solid	7199	388932
LCS 570-388931/2-A	Lab Control Sample	Total/NA	Solid	7199	388931
LCS 570-388932/2-A	Lab Control Sample	Total/NA	Solid	7199	388932
LCSD 570-388931/3-A	Lab Control Sample Dup	Total/NA	Solid	7199	388931
LCSD 570-388932/3-A	Lab Control Sample Dup	Total/NA	Solid	7199	388932
570-162883-1 MS	CR-01-0.5-231130	Total/NA	Solid	7199	388931
570-162883-1 MSD	CR-01-0.5-231130	Total/NA	Solid	7199	388931
570-162883-1 MSI	CR-01-0.5-231130	Total/NA	Solid	7199	388931
570-162883-1 MSID	CR-01-0.5-231130	Total/NA	Solid	7199	388931
570-162883-23 MS	CR-12-0.5-231201	Total/NA	Solid	7199	388932
570-162883-23 MSD	CR-12-0.5-231201	Total/NA	Solid	7199	388932
570-162883-23 MSI	CR-12-0.5-231201	Total/NA	Solid	7199	388932
570-162883-23 MSID	CR-12-0.5-231201	Total/NA	Solid	7199	388932

Metals

Prep Batch: 391182

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-162883-1	CR-01-0.5-231130	Total/NA	Solid	3050B	
570-162883-2	CR-01-5-231130	Total/NA	Solid	3050B	
570-162883-3	CR-02-0.5-231130	Total/NA	Solid	3050B	
570-162883-4	CR-02-5-231130	Total/NA	Solid	3050B	
570-162883-5	CR-03-0.5-231130	Total/NA	Solid	3050B	
570-162883-6	CR-03-5-231130	Total/NA	Solid	3050B	
570-162883-7	CR-04-0.5-231130	Total/NA	Solid	3050B	
570-162883-8	CR-04-5-231130	Total/NA	Solid	3050B	
570-162883-9	CR-05-0.5-231130	Total/NA	Solid	3050B	
570-162883-10	CR-05-5-231130	Total/NA	Solid	3050B	
570-162883-11	CR-06-0.5-231130	Total/NA	Solid	3050B	
570-162883-12	CR-06-5-231130	Total/NA	Solid	3050B	
570-162883-13	CR-07-0.5-231130	Total/NA	Solid	3050B	
570-162883-14	CR-07-5-231130	Total/NA	Solid	3050B	
570-162883-15	CR-08-0.5-231201	Total/NA	Solid	3050B	
570-162883-16	CR-08-5-231201	Total/NA	Solid	3050B	
570-162883-17	CR-09-0.5-231201	Total/NA	Solid	3050B	
570-162883-18	CR-09-5-231201	Total/NA	Solid	3050B	
570-162883-19	CR-10-0.5-231130	Total/NA	Solid	3050B	
570-162883-20	CR-10-5-231130	Total/NA	Solid	3050B	
MB 570-391182/1-A ^5	Method Blank	Total/NA	Solid	3050B	
LCS 570-391182/2-A ^5	Lab Control Sample	Total/NA	Solid	3050B	
LCSD 570-391182/3-A ^5	Lab Control Sample Dup	Total/NA	Solid	3050B	
570-162883-15 MS	CR-08-0.5-231201	Total/NA	Solid	3050B	
570-162883-15 MSD	CR-08-0.5-231201	Total/NA	Solid	3050B	

Prep Batch: 391183

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-162883-21	CR-11-0.5-231130	Total/NA	Solid	3050B	
570-162883-22	CR-11-5-231130	Total/NA	Solid	3050B	
570-162883-23	CR-12-0.5-231201	Total/NA	Solid	3050B	
570-162883-24	CR-12-5-231201	Total/NA	Solid	3050B	
570-162883-25	CR-13-0.5-231130	Total/NA	Solid	3050B	
570-162883-26	CR-13-5-231130	Total/NA	Solid	3050B	
570-162883-27	CR-14-0.5-231130	Total/NA	Solid	3050B	
570-162883-28	CR-14-5-231130	Total/NA	Solid	3050B	
570-162883-29	CR-15-0.5-231201	Total/NA	Solid	3050B	
570-162883-30	CR-15-5-231201	Total/NA	Solid	3050B	
570-162883-31	CR-16-0.5-231201	Total/NA	Solid	3050B	
570-162883-32	CR-16-5-231201	Total/NA	Solid	3050B	
570-162883-33	CR-17-0.5-231130	Total/NA	Solid	3050B	
570-162883-34	CR-17-5-231130	Total/NA	Solid	3050B	
MB 570-391183/1-A ^5	Method Blank	Total/NA	Solid	3050B	
LCS 570-391183/2-A ^5	Lab Control Sample	Total/NA	Solid	3050B	
LCSD 570-391183/3-A ^5	Lab Control Sample Dup	Total/NA	Solid	3050B	
570-162883-24 MS	CR-12-5-231201	Total/NA	Solid	3050B	
570-162883-24 MSD	CR-12-5-231201	Total/NA	Solid	3050B	

Analysis Batch: 392798

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-162883-21	CR-11-0.5-231130	Total/NA	Solid	6010B	391183

Metals (Continued)

Analysis Batch: 392798 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-162883-22	CR-11-5-231130	Total/NA	Solid	6010B	391183
570-162883-23	CR-12-0.5-231201	Total/NA	Solid	6010B	391183
570-162883-24	CR-12-5-231201	Total/NA	Solid	6010B	391183
570-162883-25	CR-13-0.5-231130	Total/NA	Solid	6010B	391183
570-162883-26	CR-13-5-231130	Total/NA	Solid	6010B	391183
570-162883-27	CR-14-0.5-231130	Total/NA	Solid	6010B	391183
570-162883-28	CR-14-5-231130	Total/NA	Solid	6010B	391183
570-162883-29	CR-15-0.5-231201	Total/NA	Solid	6010B	391183
570-162883-30	CR-15-5-231201	Total/NA	Solid	6010B	391183
570-162883-31	CR-16-0.5-231201	Total/NA	Solid	6010B	391183
570-162883-32	CR-16-5-231201	Total/NA	Solid	6010B	391183
570-162883-33	CR-17-0.5-231130	Total/NA	Solid	6010B	391183
570-162883-34	CR-17-5-231130	Total/NA	Solid	6010B	391183
MB 570-391183/1-A ^5	Method Blank	Total/NA	Solid	6010B	391183
LCS 570-391183/2-A ^5	Lab Control Sample	Total/NA	Solid	6010B	391183
LCSD 570-391183/3-A ^5	Lab Control Sample Dup	Total/NA	Solid	6010B	391183
570-162883-24 MS	CR-12-5-231201	Total/NA	Solid	6010B	391183
570-162883-24 MSD	CR-12-5-231201	Total/NA	Solid	6010B	391183

Analysis Batch: 392917

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-162883-1	CR-01-0.5-231130	Total/NA	Solid	6010B	391182
570-162883-2	CR-01-5-231130	Total/NA	Solid	6010B	391182
570-162883-3	CR-02-0.5-231130	Total/NA	Solid	6010B	391182
570-162883-4	CR-02-5-231130	Total/NA	Solid	6010B	391182
570-162883-5	CR-03-0.5-231130	Total/NA	Solid	6010B	391182
570-162883-6	CR-03-5-231130	Total/NA	Solid	6010B	391182
570-162883-7	CR-04-0.5-231130	Total/NA	Solid	6010B	391182
570-162883-8	CR-04-5-231130	Total/NA	Solid	6010B	391182
570-162883-9	CR-05-0.5-231130	Total/NA	Solid	6010B	391182
570-162883-10	CR-05-5-231130	Total/NA	Solid	6010B	391182
570-162883-11	CR-06-0.5-231130	Total/NA	Solid	6010B	391182
570-162883-12	CR-06-5-231130	Total/NA	Solid	6010B	391182
570-162883-13	CR-07-0.5-231130	Total/NA	Solid	6010B	391182
570-162883-14	CR-07-5-231130	Total/NA	Solid	6010B	391182
570-162883-15	CR-08-0.5-231201	Total/NA	Solid	6010B	391182
570-162883-16	CR-08-5-231201	Total/NA	Solid	6010B	391182
570-162883-17	CR-09-0.5-231201	Total/NA	Solid	6010B	391182
570-162883-18	CR-09-5-231201	Total/NA	Solid	6010B	391182
570-162883-19	CR-10-0.5-231130	Total/NA	Solid	6010B	391182
570-162883-20	CR-10-5-231130	Total/NA	Solid	6010B	391182
MB 570-391182/1-A ^5	Method Blank	Total/NA	Solid	6010B	391182
LCS 570-391182/2-A ^5	Lab Control Sample	Total/NA	Solid	6010B	391182
LCSD 570-391182/3-A ^5	Lab Control Sample Dup	Total/NA	Solid	6010B	391182
570-162883-15 MS	CR-08-0.5-231201	Total/NA	Solid	6010B	391182
570-162883-15 MSD	CR-08-0.5-231201	Total/NA	Solid	6010B	391182

Lab Chronicle

Client: ERM-West
Job ID: 570-162883-1
Project/Site: Griffin El Segundo / 0596801

Client Sample ID: CR-01-0.5-231130
Lab Sample ID: 570-162883-1
Date Collected: 11/30/23 09:15
Matrix: Solid
Date Received: 12/01/23 14:17

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3060A			1.27 g	50 mL	388931	12/05/23 03:00	YO8L	EET CAL 4
Total/NA	Analysis	7199		10	4 mL	4 mL	389338	12/05/23 06:02	YO8L	EET CAL 4
	Instrument ID: IC33									
Total/NA	Prep	3050B			2.00 g	50 mL	391182	12/11/23 07:38	GYR8	EET CAL 4
Total/NA	Analysis	6010B		5			392917	12/14/23 16:53	P1R	EET CAL 4
	Instrument ID: ICP10									

Client Sample ID: CR-01-5-231130
Lab Sample ID: 570-162883-2
Date Collected: 11/30/23 09:30
Matrix: Solid
Date Received: 12/01/23 14:17

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3060A			1.24 g	50 mL	388931	12/05/23 03:00	YO8L	EET CAL 4
Total/NA	Analysis	7199		10	4 mL	4 mL	389338	12/05/23 07:02	YO8L	EET CAL 4
	Instrument ID: IC33									
Total/NA	Prep	3050B			1.98 g	50 mL	391182	12/11/23 07:38	GYR8	EET CAL 4
Total/NA	Analysis	6010B		5			392917	12/14/23 16:55	P1R	EET CAL 4
	Instrument ID: ICP10									

Client Sample ID: CR-02-0.5-231130
Lab Sample ID: 570-162883-3
Date Collected: 11/30/23 09:35
Matrix: Solid
Date Received: 12/01/23 14:17

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3060A			1.24 g	50 mL	388931	12/05/23 03:00	YO8L	EET CAL 4
Total/NA	Analysis	7199		10	4 mL	4 mL	389338	12/05/23 07:14	YO8L	EET CAL 4
	Instrument ID: IC33									
Total/NA	Prep	3050B			1.97 g	50 mL	391182	12/11/23 07:38	GYR8	EET CAL 4
Total/NA	Analysis	6010B		5			392917	12/14/23 16:58	P1R	EET CAL 4
	Instrument ID: ICP10									

Client Sample ID: CR-02-5-231130
Lab Sample ID: 570-162883-4
Date Collected: 11/30/23 09:50
Matrix: Solid
Date Received: 12/01/23 14:17

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3060A			1.26 g	50 mL	388931	12/05/23 03:00	YO8L	EET CAL 4
Total/NA	Analysis	7199		10	4 mL	4 mL	389338	12/05/23 07:26	YO8L	EET CAL 4
	Instrument ID: IC33									
Total/NA	Prep	3050B			2.02 g	50 mL	391182	12/11/23 07:38	GYR8	EET CAL 4
Total/NA	Analysis	6010B		5			392917	12/14/23 17:00	P1R	EET CAL 4
	Instrument ID: ICP10									

Lab Chronicle

Client: ERM-West
Job ID: 570-162883-1
Project/Site: Griffin El Segundo / 0596801

Client Sample ID: CR-03-0.5-231130
Lab Sample ID: 570-162883-5
Date Collected: 11/30/23 13:55
Matrix: Solid
Date Received: 12/01/23 14:17

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3060A			1.26 g	50 mL	388931	12/05/23 03:00	YO8L	EET CAL 4
Total/NA	Analysis	7199		10	4 mL	4 mL	389338	12/05/23 07:37	YO8L	EET CAL 4
	Instrument ID: IC33									
Total/NA	Prep	3050B			1.99 g	50 mL	391182	12/11/23 07:38	GYR8	EET CAL 4
Total/NA	Analysis	6010B		5			392917	12/14/23 17:10	P1R	EET CAL 4
	Instrument ID: ICP10									

Client Sample ID: CR-03-5-231130
Lab Sample ID: 570-162883-6
Date Collected: 11/30/23 14:00
Matrix: Solid
Date Received: 12/01/23 14:17

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3060A			1.28 g	50 mL	388931	12/05/23 03:00	YO8L	EET CAL 4
Total/NA	Analysis	7199		10	4 mL	4 mL	389338	12/05/23 07:49	YO8L	EET CAL 4
	Instrument ID: IC33									
Total/NA	Prep	3050B			2.03 g	50 mL	391182	12/11/23 07:38	GYR8	EET CAL 4
Total/NA	Analysis	6010B		5			392917	12/14/23 17:12	P1R	EET CAL 4
	Instrument ID: ICP10									

Client Sample ID: CR-04-0.5-231130
Lab Sample ID: 570-162883-7
Date Collected: 11/30/23 09:45
Matrix: Solid
Date Received: 12/01/23 14:17

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3060A			1.27 g	50 mL	388931	12/05/23 03:00	YO8L	EET CAL 4
Total/NA	Analysis	7199		10	4 mL	4 mL	389338	12/05/23 08:01	YO8L	EET CAL 4
	Instrument ID: IC33									
Total/NA	Prep	3050B			1.95 g	50 mL	391182	12/11/23 07:38	GYR8	EET CAL 4
Total/NA	Analysis	6010B		5			392917	12/14/23 17:15	P1R	EET CAL 4
	Instrument ID: ICP10									

Client Sample ID: CR-04-5-231130
Lab Sample ID: 570-162883-8
Date Collected: 11/30/23 09:55
Matrix: Solid
Date Received: 12/01/23 14:17

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3060A			1.29 g	50 mL	388931	12/05/23 03:00	YO8L	EET CAL 4
Total/NA	Analysis	7199		10	4 mL	4 mL	389338	12/05/23 08:13	YO8L	EET CAL 4
	Instrument ID: IC33									
Total/NA	Prep	3050B			2.00 g	50 mL	391182	12/11/23 07:38	GYR8	EET CAL 4
Total/NA	Analysis	6010B		5			392917	12/14/23 17:17	P1R	EET CAL 4
	Instrument ID: ICP10									

Lab Chronicle

Client: ERM-West
Job ID: 570-162883-1
Project/Site: Griffin El Segundo / 0596801

Client Sample ID: CR-05-0.5-231130
Lab Sample ID: 570-162883-9
Date Collected: 11/30/23 10:15
Matrix: Solid
Date Received: 12/01/23 14:17

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3060A			1.28 g	50 mL	388931	12/05/23 03:00	YO8L	EET CAL 4
Total/NA	Analysis	7199		10	4 mL	4 mL	389338	12/05/23 08:25	YO8L	EET CAL 4
	Instrument ID: IC33									
Total/NA	Prep	3050B			2.01 g	50 mL	391182	12/11/23 07:38	GYR8	EET CAL 4
Total/NA	Analysis	6010B		5			392917	12/14/23 17:19	P1R	EET CAL 4
	Instrument ID: ICP10									

Client Sample ID: CR-05-5-231130
Lab Sample ID: 570-162883-10
Date Collected: 11/30/23 10:30
Matrix: Solid
Date Received: 12/01/23 14:17

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3060A			1.28 g	50 mL	388931	12/05/23 03:00	YO8L	EET CAL 4
Total/NA	Analysis	7199		10	4 mL	4 mL	389338	12/05/23 08:37	YO8L	EET CAL 4
	Instrument ID: IC33									
Total/NA	Prep	3050B			1.99 g	50 mL	391182	12/11/23 07:38	GYR8	EET CAL 4
Total/NA	Analysis	6010B		5			392917	12/14/23 17:56	P1R	EET CAL 4
	Instrument ID: ICP10									

Client Sample ID: CR-06-0.5-231130
Lab Sample ID: 570-162883-11
Date Collected: 11/30/23 10:30
Matrix: Solid
Date Received: 12/01/23 14:17

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3060A			1.23 g	50 mL	388931	12/05/23 03:00	YO8L	EET CAL 4
Total/NA	Analysis	7199		10	4 mL	4 mL	389338	12/05/23 09:13	YO8L	EET CAL 4
	Instrument ID: IC33									
Total/NA	Prep	3050B			2.00 g	50 mL	391182	12/11/23 07:38	GYR8	EET CAL 4
Total/NA	Analysis	6010B		5			392917	12/14/23 17:59	P1R	EET CAL 4
	Instrument ID: ICP10									

Client Sample ID: CR-06-5-231130
Lab Sample ID: 570-162883-12
Date Collected: 11/30/23 10:45
Matrix: Solid
Date Received: 12/01/23 14:17

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3060A			1.27 g	50 mL	388931	12/05/23 03:00	YO8L	EET CAL 4
Total/NA	Analysis	7199		10	4 mL	4 mL	389338	12/05/23 09:25	YO8L	EET CAL 4
	Instrument ID: IC33									
Total/NA	Prep	3050B			2.04 g	50 mL	391182	12/11/23 07:38	GYR8	EET CAL 4
Total/NA	Analysis	6010B		5			392917	12/14/23 18:01	P1R	EET CAL 4
	Instrument ID: ICP10									

Lab Chronicle

Client: ERM-West
Job ID: 570-162883-1
Project/Site: Griffin El Segundo / 0596801

Client Sample ID: CR-07-0.5-231130
Lab Sample ID: 570-162883-13
Date Collected: 11/30/23 10:55
Matrix: Solid
Date Received: 12/01/23 14:17

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3060A			1.25 g	50 mL	388931	12/05/23 03:00	YO8L	EET CAL 4
Total/NA	Analysis	7199		10	4 mL	4 mL	389338	12/05/23 09:37	YO8L	EET CAL 4
	Instrument ID: IC33									
Total/NA	Prep	3050B			1.95 g	50 mL	391182	12/11/23 07:38	GYR8	EET CAL 4
Total/NA	Analysis	6010B		5			392917	12/14/23 18:04	P1R	EET CAL 4
	Instrument ID: ICP10									

Client Sample ID: CR-07-5-231130
Lab Sample ID: 570-162883-14
Date Collected: 11/30/23 11:15
Matrix: Solid
Date Received: 12/01/23 14:17

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3060A			1.26 g	50 mL	388931	12/05/23 03:00	YO8L	EET CAL 4
Total/NA	Analysis	7199		10	4 mL	4 mL	389338	12/05/23 09:49	YO8L	EET CAL 4
	Instrument ID: IC33									
Total/NA	Prep	3050B			2.03 g	50 mL	391182	12/11/23 07:38	GYR8	EET CAL 4
Total/NA	Analysis	6010B		5			392917	12/14/23 18:20	P1R	EET CAL 4
	Instrument ID: ICP10									

Client Sample ID: CR-08-0.5-231201
Lab Sample ID: 570-162883-15
Date Collected: 12/01/23 08:25
Matrix: Solid
Date Received: 12/01/23 14:17

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3060A			1.28 g	50 mL	388931	12/05/23 03:00	YO8L	EET CAL 4
Total/NA	Analysis	7199		10	4 mL	4 mL	389338	12/05/23 10:01	YO8L	EET CAL 4
	Instrument ID: IC33									
Total/NA	Prep	3050B			2.02 g	50 mL	391182	12/11/23 07:38	GYR8	EET CAL 4
Total/NA	Analysis	6010B		5			392917	12/14/23 16:43	P1R	EET CAL 4
	Instrument ID: ICP10									

Client Sample ID: CR-08-5-231201
Lab Sample ID: 570-162883-16
Date Collected: 12/01/23 08:40
Matrix: Solid
Date Received: 12/01/23 14:17

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3060A			1.28 g	50 mL	388931	12/05/23 03:00	YO8L	EET CAL 4
Total/NA	Analysis	7199		10	4 mL	4 mL	389338	12/05/23 10:13	YO8L	EET CAL 4
	Instrument ID: IC33									
Total/NA	Prep	3050B			2.00 g	50 mL	391182	12/11/23 07:38	GYR8	EET CAL 4
Total/NA	Analysis	6010B		5			392917	12/14/23 18:22	P1R	EET CAL 4
	Instrument ID: ICP10									

Lab Chronicle

Client: ERM-West
Job ID: 570-162883-1
Project/Site: Griffin El Segundo / 0596801

Client Sample ID: CR-09-0.5-231201
Lab Sample ID: 570-162883-17
Date Collected: 12/01/23 08:50
Matrix: Solid
Date Received: 12/01/23 14:17

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3060A			1.24 g	50 mL	388931	12/05/23 03:00	YO8L	EET CAL 4
Total/NA	Analysis	7199		10	4 mL	4 mL	389338	12/05/23 10:25	YO8L	EET CAL 4
	Instrument ID: IC33									
Total/NA	Prep	3050B			2.04 g	50 mL	391182	12/11/23 07:38	GYR8	EET CAL 4
Total/NA	Analysis	6010B		5			392917	12/14/23 18:25	P1R	EET CAL 4
	Instrument ID: ICP10									

Client Sample ID: CR-09-5-231201
Lab Sample ID: 570-162883-18
Date Collected: 12/01/23 09:00
Matrix: Solid
Date Received: 12/01/23 14:17

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3060A			1.27 g	50 mL	388931	12/05/23 03:00	YO8L	EET CAL 4
Total/NA	Analysis	7199		10	4 mL	4 mL	389338	12/05/23 10:37	YO8L	EET CAL 4
	Instrument ID: IC33									
Total/NA	Prep	3050B			2.03 g	50 mL	391182	12/11/23 07:38	GYR8	EET CAL 4
Total/NA	Analysis	6010B		5			392917	12/14/23 18:27	P1R	EET CAL 4
	Instrument ID: ICP10									

Client Sample ID: CR-10-0.5-231130
Lab Sample ID: 570-162883-19
Date Collected: 11/30/23 11:35
Matrix: Solid
Date Received: 12/01/23 14:17

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3060A			1.29 g	50 mL	388931	12/05/23 03:00	YO8L	EET CAL 4
Total/NA	Analysis	7199		10	4 mL	4 mL	389338	12/05/23 10:49	YO8L	EET CAL 4
	Instrument ID: IC33									
Total/NA	Prep	3050B			1.96 g	50 mL	391182	12/11/23 07:38	GYR8	EET CAL 4
Total/NA	Analysis	6010B		5			392917	12/14/23 18:30	P1R	EET CAL 4
	Instrument ID: ICP10									

Client Sample ID: CR-10-5-231130
Lab Sample ID: 570-162883-20
Date Collected: 11/30/23 11:45
Matrix: Solid
Date Received: 12/01/23 14:17

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3060A			1.23 g	50 mL	388931	12/05/23 03:00	YO8L	EET CAL 4
Total/NA	Analysis	7199		10	4 mL	4 mL	389338	12/05/23 11:01	YO8L	EET CAL 4
	Instrument ID: IC33									
Total/NA	Prep	3050B			2.04 g	50 mL	391182	12/11/23 07:38	GYR8	EET CAL 4
Total/NA	Analysis	6010B		5			392917	12/14/23 18:32	P1R	EET CAL 4
	Instrument ID: ICP10									

Lab Chronicle

Client: ERM-West
Job ID: 570-162883-1
Project/Site: Griffin El Segundo / 0596801

Client Sample ID: CR-11-0.5-231130
Lab Sample ID: 570-162883-21
Date Collected: 11/30/23 11:30
Matrix: Solid
Date Received: 12/01/23 14:17

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3060A			1.29 g	50 mL	388932	12/05/23 03:00	YO8L	EET CAL 4
Total/NA	Analysis	7199		10	4 mL	4 mL	389338	12/05/23 13:12	YO8L	EET CAL 4
	Instrument ID: IC33									
Total/NA	Prep	3050B			1.96 g	50 mL	391183	12/11/23 07:45	GYR8	EET CAL 4
Total/NA	Analysis	6010B		5			392798	12/14/23 12:06	P1R	EET CAL 4
	Instrument ID: ICP10									

Client Sample ID: CR-11-5-231130
Lab Sample ID: 570-162883-22
Date Collected: 11/30/23 11:40
Matrix: Solid
Date Received: 12/01/23 14:17

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3060A			1.28 g	50 mL	388932	12/05/23 03:00	YO8L	EET CAL 4
Total/NA	Analysis	7199		10	4 mL	4 mL	389338	12/05/23 13:24	YO8L	EET CAL 4
	Instrument ID: IC33									
Total/NA	Prep	3050B			2.04 g	50 mL	391183	12/11/23 07:45	GYR8	EET CAL 4
Total/NA	Analysis	6010B		5			392798	12/14/23 12:08	P1R	EET CAL 4
	Instrument ID: ICP10									

Client Sample ID: CR-12-0.5-231201
Lab Sample ID: 570-162883-23
Date Collected: 12/01/23 08:20
Matrix: Solid
Date Received: 12/01/23 14:17

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3060A			1.26 g	50 mL	388932	12/05/23 03:00	YO8L	EET CAL 4
Total/NA	Analysis	7199		10	4 mL	4 mL	389338	12/05/23 12:13	YO8L	EET CAL 4
	Instrument ID: IC33									
Total/NA	Prep	3050B			2.00 g	50 mL	391183	12/11/23 07:45	GYR8	EET CAL 4
Total/NA	Analysis	6010B		5			392798	12/14/23 12:27	P1R	EET CAL 4
	Instrument ID: ICP10									

Client Sample ID: CR-12-5-231201
Lab Sample ID: 570-162883-24
Date Collected: 12/01/23 08:30
Matrix: Solid
Date Received: 12/01/23 14:17

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3060A			1.24 g	50 mL	388932	12/05/23 03:00	YO8L	EET CAL 4
Total/NA	Analysis	7199		10	4 mL	4 mL	389338	12/05/23 13:36	YO8L	EET CAL 4
	Instrument ID: IC33									
Total/NA	Prep	3050B			2.00 g	50 mL	391183	12/11/23 07:45	GYR8	EET CAL 4
Total/NA	Analysis	6010B		5			392798	12/14/23 11:56	P1R	EET CAL 4
	Instrument ID: ICP10									

Lab Chronicle

Client: ERM-West
Job ID: 570-162883-1
Project/Site: Griffin El Segundo / 0596801

Client Sample ID: CR-13-0.5-231130
Lab Sample ID: 570-162883-25
Date Collected: 11/30/23 15:10
Matrix: Solid
Date Received: 12/01/23 14:17

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3060A			1.26 g	50 mL	388932	12/05/23 03:00	YO8L	EET CAL 4
Total/NA	Analysis	7199		1	4 mL	4 mL	389338	12/05/23 14:12	YO8L	EET CAL 4
	Instrument ID: IC33									
Total/NA	Prep	3050B			1.97 g	50 mL	391183	12/11/23 07:45	GYR8	EET CAL 4
Total/NA	Analysis	6010B		5			392798	12/14/23 12:29	P1R	EET CAL 4
	Instrument ID: ICP10									

Client Sample ID: CR-13-5-231130
Lab Sample ID: 570-162883-26
Date Collected: 11/30/23 15:25
Matrix: Solid
Date Received: 12/01/23 14:17

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3060A			1.26 g	50 mL	388932	12/05/23 03:00	YO8L	EET CAL 4
Total/NA	Analysis	7199		1	4 mL	4 mL	389338	12/05/23 14:24	YO8L	EET CAL 4
	Instrument ID: IC33									
Total/NA	Prep	3050B			2.00 g	50 mL	391183	12/11/23 07:45	GYR8	EET CAL 4
Total/NA	Analysis	6010B		5			392798	12/14/23 12:32	P1R	EET CAL 4
	Instrument ID: ICP10									

Client Sample ID: CR-14-0.5-231130
Lab Sample ID: 570-162883-27
Date Collected: 11/30/23 13:10
Matrix: Solid
Date Received: 12/01/23 14:17

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3060A			1.23 g	50 mL	388932	12/05/23 03:00	YO8L	EET CAL 4
Total/NA	Analysis	7199		1	4 mL	4 mL	389338	12/05/23 14:36	YO8L	EET CAL 4
	Instrument ID: IC33									
Total/NA	Prep	3050B			2.00 g	50 mL	391183	12/11/23 07:45	GYR8	EET CAL 4
Total/NA	Analysis	6010B		5			392798	12/14/23 12:34	P1R	EET CAL 4
	Instrument ID: ICP10									

Client Sample ID: CR-14-5-231130
Lab Sample ID: 570-162883-28
Date Collected: 11/30/23 13:25
Matrix: Solid
Date Received: 12/01/23 14:17

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3060A			1.24 g	50 mL	388932	12/05/23 03:00	YO8L	EET CAL 4
Total/NA	Analysis	7199		1	4 mL	4 mL	389338	12/05/23 14:48	YO8L	EET CAL 4
	Instrument ID: IC33									
Total/NA	Prep	3050B			1.95 g	50 mL	391183	12/11/23 07:45	GYR8	EET CAL 4
Total/NA	Analysis	6010B		5			392798	12/14/23 12:37	P1R	EET CAL 4
	Instrument ID: ICP10									

Lab Chronicle

Client: ERM-West
Job ID: 570-162883-1
Project/Site: Griffin El Segundo / 0596801

Client Sample ID: CR-15-0.5-231201
Lab Sample ID: 570-162883-29
Date Collected: 12/01/23 07:55
Matrix: Solid
Date Received: 12/01/23 14:17

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3060A			1.28 g	50 mL	388932	12/05/23 03:00	YO8L	EET CAL 4
Total/NA	Analysis	7199		1	4 mL	4 mL	389338	12/05/23 15:00	YO8L	EET CAL 4
	Instrument ID: IC33									
Total/NA	Prep	3050B			2.03 g	50 mL	391183	12/11/23 07:45	GYR8	EET CAL 4
Total/NA	Analysis	6010B		5			392798	12/14/23 12:39	P1R	EET CAL 4
	Instrument ID: ICP10									

Client Sample ID: CR-15-5-231201
Lab Sample ID: 570-162883-30
Date Collected: 12/01/23 08:10
Matrix: Solid
Date Received: 12/01/23 14:17

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3060A			1.27 g	50 mL	388932	12/05/23 03:00	YO8L	EET CAL 4
Total/NA	Analysis	7199		1	4 mL	4 mL	389338	12/05/23 15:12	YO8L	EET CAL 4
	Instrument ID: IC33									
Total/NA	Prep	3050B			2.04 g	50 mL	391183	12/11/23 07:45	GYR8	EET CAL 4
Total/NA	Analysis	6010B		5			392798	12/14/23 12:42	P1R	EET CAL 4
	Instrument ID: ICP10									

Client Sample ID: CR-16-0.5-231201
Lab Sample ID: 570-162883-31
Date Collected: 12/01/23 07:30
Matrix: Solid
Date Received: 12/01/23 14:17

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3060A			1.27 g	50 mL	388932	12/05/23 03:00	YO8L	EET CAL 4
Total/NA	Analysis	7199		1	4 mL	4 mL	389338	12/05/23 15:24	YO8L	EET CAL 4
	Instrument ID: IC33									
Total/NA	Prep	3050B			1.97 g	50 mL	391183	12/11/23 07:45	GYR8	EET CAL 4
Total/NA	Analysis	6010B		5			392798	12/14/23 12:44	P1R	EET CAL 4
	Instrument ID: ICP10									

Client Sample ID: CR-16-5-231201
Lab Sample ID: 570-162883-32
Date Collected: 12/01/23 07:40
Matrix: Solid
Date Received: 12/01/23 14:17

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3060A			1.29 g	50 mL	388932	12/05/23 03:00	YO8L	EET CAL 4
Total/NA	Analysis	7199		1	4 mL	4 mL	389338	12/05/23 15:36	YO8L	EET CAL 4
	Instrument ID: IC33									
Total/NA	Prep	3050B			2.00 g	50 mL	391183	12/11/23 07:45	GYR8	EET CAL 4
Total/NA	Analysis	6010B		5			392798	12/14/23 12:46	P1R	EET CAL 4
	Instrument ID: ICP10									

Lab Chronicle

Client: ERM-West
Job ID: 570-162883-1
Project/Site: Griffin El Segundo / 0596801

Client Sample ID: CR-17-0.5-231130
Lab Sample ID: 570-162883-33
Date Collected: 11/30/23 13:30
Matrix: Solid
Date Received: 12/01/23 14:17

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3060A			1.24 g	50 mL	388932	12/05/23 03:00	YO8L	EET CAL 4
Total/NA	Analysis	7199		1	4 mL	4 mL	389338	12/05/23 15:48	YO8L	EET CAL 4
	Instrument ID: IC33									
Total/NA	Prep	3050B			2.00 g	50 mL	391183	12/11/23 07:45	GYR8	EET CAL 4
Total/NA	Analysis	6010B		5			392798	12/14/23 12:49	P1R	EET CAL 4
	Instrument ID: ICP10									

Client Sample ID: CR-17-5-231130
Lab Sample ID: 570-162883-34
Date Collected: 11/30/23 13:45
Matrix: Solid
Date Received: 12/01/23 14:17

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3060A			1.28 g	50 mL	388932	12/05/23 03:00	YO8L	EET CAL 4
Total/NA	Analysis	7199		1	4 mL	4 mL	389338	12/05/23 16:00	YO8L	EET CAL 4
	Instrument ID: IC33									
Total/NA	Prep	3050B			1.99 g	50 mL	391183	12/11/23 07:45	GYR8	EET CAL 4
Total/NA	Analysis	6010B		5			392798	12/14/23 12:58	P1R	EET CAL 4
	Instrument ID: ICP10									

Laboratory References:

EET CAL 4 = Eurofins Calscience Tustin, 2841 Dow Avenue, Tustin, CA 92780, TEL (714)895-5494

Accreditation/Certification Summary

Client: ERM-West
Job ID: 570-162883-1
Project/Site: Griffin El Segundo / 0596801

Laboratory: Eurofins Calscience

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Oregon	NELAP	4175	02-02-24

Method Summary

Client: ERM-West
Job ID: 570-162883-1
Project/Site: Griffin El Segundo / 0596801

Method	Method Description	Protocol	Laboratory
7199	Chromium, Hexavalent (IC)	SW846	EET CAL 4
6010B	Metals (ICP)	SW846	EET CAL 4
3050B	Preparation, Metals	SW846	EET CAL 4
3060A	Alkaline Digestion (Chromium, Hexavalent)	SW846	EET CAL 4

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET CAL 4 = Eurofins Calscience Tustin, 2841 Dow Avenue, Tustin, CA 92780, TEL (714)895-5494

Sample Summary

Client: ERM-West
Project/Site: Griffin El Segundo / 0596801

Job ID: 570-162883-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
570-162883-1	CR-01-0.5-231130	Solid	11/30/23 09:15	12/01/23 14:17
570-162883-2	CR-01-5-231130	Solid	11/30/23 09:30	12/01/23 14:17
570-162883-3	CR-02-0.5-231130	Solid	11/30/23 09:35	12/01/23 14:17
570-162883-4	CR-02-5-231130	Solid	11/30/23 09:50	12/01/23 14:17
570-162883-5	CR-03-0.5-231130	Solid	11/30/23 13:55	12/01/23 14:17
570-162883-6	CR-03-5-231130	Solid	11/30/23 14:00	12/01/23 14:17
570-162883-7	CR-04-0.5-231130	Solid	11/30/23 09:45	12/01/23 14:17
570-162883-8	CR-04-5-231130	Solid	11/30/23 09:55	12/01/23 14:17
570-162883-9	CR-05-0.5-231130	Solid	11/30/23 10:15	12/01/23 14:17
570-162883-10	CR-05-5-231130	Solid	11/30/23 10:30	12/01/23 14:17
570-162883-11	CR-06-0.5-231130	Solid	11/30/23 10:30	12/01/23 14:17
570-162883-12	CR-06-5-231130	Solid	11/30/23 10:45	12/01/23 14:17
570-162883-13	CR-07-0.5-231130	Solid	11/30/23 10:55	12/01/23 14:17
570-162883-14	CR-07-5-231130	Solid	11/30/23 11:15	12/01/23 14:17
570-162883-15	CR-08-0.5-231201	Solid	12/01/23 08:25	12/01/23 14:17
570-162883-16	CR-08-5-231201	Solid	12/01/23 08:40	12/01/23 14:17
570-162883-17	CR-09-0.5-231201	Solid	12/01/23 08:50	12/01/23 14:17
570-162883-18	CR-09-5-231201	Solid	12/01/23 09:00	12/01/23 14:17
570-162883-19	CR-10-0.5-231130	Solid	11/30/23 11:35	12/01/23 14:17
570-162883-20	CR-10-5-231130	Solid	11/30/23 11:45	12/01/23 14:17
570-162883-21	CR-11-0.5-231130	Solid	11/30/23 11:30	12/01/23 14:17
570-162883-22	CR-11-5-231130	Solid	11/30/23 11:40	12/01/23 14:17
570-162883-23	CR-12-0.5-231201	Solid	12/01/23 08:20	12/01/23 14:17
570-162883-24	CR-12-5-231201	Solid	12/01/23 08:30	12/01/23 14:17
570-162883-25	CR-13-0.5-231130	Solid	11/30/23 15:10	12/01/23 14:17
570-162883-26	CR-13-5-231130	Solid	11/30/23 15:25	12/01/23 14:17
570-162883-27	CR-14-0.5-231130	Solid	11/30/23 13:10	12/01/23 14:17
570-162883-28	CR-14-5-231130	Solid	11/30/23 13:25	12/01/23 14:17
570-162883-29	CR-15-0.5-231201	Solid	12/01/23 07:55	12/01/23 14:17
570-162883-30	CR-15-5-231201	Solid	12/01/23 08:10	12/01/23 14:17
570-162883-31	CR-16-0.5-231201	Solid	12/01/23 07:30	12/01/23 14:17
570-162883-32	CR-16-5-231201	Solid	12/01/23 07:40	12/01/23 14:17
570-162883-33	CR-17-0.5-231130	Solid	11/30/23 13:30	12/01/23 14:17
570-162883-34	CR-17-5-231130	Solid	11/30/23 13:45	12/01/23 14:17

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570-162883 Chain of Custody

Loc: 570

162883

RHKG

CHAIN-OF-CUSTODY RECORD

DATE: 11-30-23

PAGE: 1 OF 4

LABORATORY CLIENT: ERM	CLIENT PROJECT NAME / NO.: GRIFFIN ELSEGUNDO
ADDRESS: 1920 MAIN ST	PROJECT CONTACT: NICK.MILKOVICH@ERM.COM
CITY: IRVINE STATE: CA ZIP: 92614	P.O. NO.: 0596801
TEL:	E-MAIL:
GLOBAL ID:	LOG CODE:
LAB CONTACT OR QUOTE NO.:	SAMPLER(S): (PRINT) SHAOWHITEN

TURNAROUND TIME (Rush surcharges may apply to any TAT not "STANDARD"):

☐ SAME DAY ☐ 24 HR ☐ 48 HR ☐ 72 HR ☐ 5 DAYS ☒ STANDARD

EDD:

☐ COELT EDF ☐ OTHER

SPECIAL INSTRUCTIONS:

ECI # 57014520

REQUESTED ANALYSES

Please check box or fill in blank as needed.

LAB USE ONLY	SAMPLE ID	SAMPLING DATE	SAMPLING TIME	MATRIX	NO. OF CONT.	Unpreserved	Preserved	Field Filtered	☐ TPH(g) ☐ GRO	☐ TPH(d) ☐ DRO	TPH ☐ C6-C36 ☐ C6-C44	TPH ____	BTEX / MTBE ☐ 8260 ☐ ____	VOCs (8260)	Oxygenates (8260)	Prep (5035) ☐ En Core ☐ Terra Core	SVOCs (8270)	Pesticides (8081)	PCBs (8082)	PAHs ☐ 8270 ☐ 8270 SIM	T22 Metals ☐ 6010/747X ☐ 6020/747X	Cr(VI) ☐ 7196 ☐ 7199 ☐ 218.6	Hexavalent Chromium 7196	Total Chromium 6010B		
1	CR-01-0.5-231130	11-30-23	0915	S	1	X																	X	X		
2	CR-01-5-231130	11-30-23	0930	S	1	X																	X	X		
3	CR-02-0.5-231130	11-30-23	0935	S	1	X																	X	X		
4	CR-02-5-231130	11-30-23	0950	S	1	X																	X	X		
5	CR-03-0.5-231130	11-30-23	1355	S	1	X																	X	X		
6	CR-03-5-231130	11-30-23	1400	S	1	X																	X	X		
7	CR-04-0.5-231130	11-30-23	0945	S	1	X																	X	X		
8	CR-04-5-231130	11-30-23	0955	S	1	X																	X	X		
9	CR-05-0.5-231130	11-30-23	1015	S	1	X																	X	X		
10	CR-05-5-231130	11-30-23	1030	S	1	X																	X	X		

Relinquished by: (Signature)	Date: 12-1-23	Time: 1417	Received by: (Signature/Affiliation)
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature/Affiliation)
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature/Affiliation)

Date: 12/1/23 Time: 1417

2.3/2.2 5C12

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CHAIN-OF-CUSTODY RECORD

DATE: 11-30-23
PAGE: 2 OF 4

LABORATORY CLIENT: ERM	CLIENT PROJECT NAME / NO.: GRIFFIN EL SEGUNDO
ADDRESS: 1920 MAIN ST	P.O. NO.: 0596801
CITY: IRVINE STATE: CA ZIP: 92614	PROJECT CONTACT: NICK.MILKOVICH@ERM.COM
TEL:	E-MAIL:
	GLOBAL ID:
	LOG CODE:
	LAB CONTACT OR QUOTE NO.:
	SAMPLER(S): (PRINT) SHAO WHITTON

TURNAROUND TIME (Rush surcharges may apply to any TAT not "STANDARD"):
☐ SAME DAY ☐ 24 HR ☐ 48 HR ☐ 72 HR ☐ 5 DAYS ☑ STANDARD

EDD:
☐ COELT EDF ☐ OTHER

SPECIAL INSTRUCTIONS:
ECI # 57014520

REQUESTED ANALYSES

Please check box or fill in blank as needed.

LAB USE ONLY	SAMPLE ID	SAMPLING DATE	SAMPLING TIME	MATRIX	NO. OF CONT.	Unpreserved	Preserved	Field Filtered	☐ TPH(g) ☐ GRO	☐ TPH(d) ☐ DRO	TPH ☐ C6-C36 ☐ C6-C44	TPH ____	BTEX / MTBE ☐ 8260 ☐ ____	VOCs (8260)	Oxygenates (8260)	Prep (5035) ☐ En Core ☐ Terra Core	SVOCs (8270)	Pesticides (8081)	PCBs (8082)	PAHs ☐ 8270 ☐ 8270 SIM	T22 Metals ☐ 6010/747X ☐ 6020/747X	Cr(VI) ☐ 7196 ☐ 7199 ☐ 218.6	HEXAVALENT CHROMIUM 7196	TOTAL CHROMIUM 6010B		
11	CR-06-0.5-231130	11-30-23	1030	S	1	X																	X	X		
12	CR-06-5-231130	11-30-23	1045	S	1	X																	X	X		
13	CR-07-0.5-231130	11-30-23	1055	S	1	X																	X	X		
14	CR-07-5-231130	11-30-23	1115	S	1	X																	X	X		
15	CR-08-0.5-231201	11-30-23	0825	S	1	X																	X	X		
16	CR-08-5-231201	11-30-23	0840	S	1	X																	X	X		
17	CR-09-0.5-231201	12-01-23	0850	S	1	X																	X	X		
18	CR-09-5-231201	12-01-23	0900	S	1	X																	X	X		
19	CR-10-0.5-231130	11-30-23	1135	S	1	X																	X	✓		
20	CR-10-5-231130	11-30-23	1145	S	1	X																	X	X		

	Date	Time		Date	Time
Relinquished by: (Signature)	12-1-23	1417	Received by: (Signature/Affiliation)	12/1/23	1417
Relinquished by: (Signature)			Received by: (Signature/Affiliation)		
Relinquished by: (Signature)			Received by: (Signature/Affiliation)		

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CHAIN-OF-CUSTODY RECORD

DATE: 11-30-23

LABORATORY CLIENT: ERM	CLIENT PROJECT NAME / NO.: GRIFFIN EL SEGUNDO
ADDRESS: 1920 MAIN ST	PROJECT CONTACT: NICK.MILKOVICH@ERM.COM
CITY: IRVINE STATE: CA ZIP: 92614	P.O. NO.: 0596801
TEL:	E-MAIL:
GLOBAL ID:	LOG CODE:
LAB CONTACT OR QUOTE NO.:	SAMPLER(S): (PRINT) SHAD WHITTAL

TURNAROUND TIME (Rush surcharges may apply to any TAT not "STANDARD"):
☐ SAME DAY ☐ 24 HR ☐ 48 HR ☐ 72 HR ☐ 5 DAYS ☑ STANDARD

EDD:
☐ COELT EDF ☐ OTHER

SPECIAL INSTRUCTIONS: EC1# 570 14520

REQUESTED ANALYSES

Please check box or fill in blank as needed.

LAB USE ONLY	SAMPLE ID	SAMPLING DATE	SAMPLING TIME	MATRIX	NO. OF CONT.	Unpreserved	Preserved	Field Filtered	☐ TPH(g) ☐ GRO	☐ TPH(d) ☐ DRO	TPH ☐ C6-C36 ☐ C6-C44	TPH ____	BTEX / MTBE ☐ 8260 ☐	VOCs (8260)	Oxygenates (8260)	Prep (5035) ☐ En Core ☐ Terra Core	SVOCs (8270)	Pesticides (8081)	PCBs (8082)	PAHs ☐ 8270 ☐ 8270 SIM	T22 Metals ☐ 6010/747X ☐ 6020/747X	Cr(VI) ☐ 7196 ☐ 7199 ☐ 218.6	HEXAVALENT CHROMIUM 7196	TOTAL CHROMIUM 6010B		
21	CR-11-0.5-231130	11-30-23	1130	S	1	X																	X	X		
22	CR-11-5-231130	11-30-23	1140	S	1	X																	X	X		
23	CR-12-0.5-231130	11-30-23	1500	S	1	X																	X	X		
24	CR-12-5-231130	11-30-23	1515	S	1	X																	X	X		
25	CR-13-0.5-231130	11-30-23	1510	S	1	X																	X	X		
26	CR-13-5-231130	11-30-23	1525	S	1	X																	X	X		
27	CR-14-0.5-231130	113023	1310	S	1	X																	X	X		
28	CR-14-5-231130	11-30-23	1325	S	1	X																	X	X		
29	CR-15-0.5-231201	12-01-23	0755	S	1	X																	X	X		
30	CR-15-5-231201	12-01-23	0810	S	1	X																	X	X		

Relinquished by: (Signature)	Date: 12-1-23	Time: 1417	Received by: (Signature/Affiliation)
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature/Affiliation)
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature/Affiliation)

Date: 12/1/23	Time: 1417
Date:	Time:
Date:	Time:

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CHAIN-OF-CUSTODY RECORD

DATE: 11-30-23

PAGE: 4 OF 4

LABORATORY CLIENT: ERM	CLIENT PROJECT NAME / NO.: GRIFFIN EL SEGUNDO
ADDRESS: 1920 MAIN ST	P.O. NO.: 0569601
CITY: IRVINE STATE: CA ZIP: 92614	PROJECT CONTACT: NICK.MILLOVICH@ERM.COM
TEL:	E-MAIL:
GLOBAL ID:	LOG CODE:
SAMPLER(S): (PRINT) SHAD WHITTEN	

TURNAROUND TIME (Rush surcharges may apply to any TAT not "STANDARD"):
☐ SAME DAY ☐ 24 HR ☐ 48 HR ☐ 72 HR ☐ 5 DAYS ☐ STANDARD

EDD:
☐ COELT EDF ☐ OTHER

SPECIAL INSTRUCTIONS:
ECI# 57014520

REQUESTED ANALYSES

Please check box or fill in blank as needed.

LAB USE ONLY	SAMPLE ID	SAMPLING DATE	SAMPLING TIME	MATRIX	NO. OF CONT.	Unpreserved	Preserved	Field Filtered	☐ TPH(g) ☐ GRO	☐ TPH(d) ☐ DRO	TPH ☐ C6-C36 ☐ C6-C44	TPH ____	BTEX / MTBE ☐ 8260 ☐	VOCs (8260)	Oxygenates (8260)	Prep (5035) ☐ En Core ☐ Terra Core	SVOCs (8270)	Pesticides (8081)	PCBs (8082)	PAHs ☐ 8270 ☐ 8270 SIM	T22 Metals ☐ 6010/747X ☐ 6020/747X	Cr(VI) ☐ 7196 ☐ 218.6	HEXAVALENT CHROMIUM 7196	TOTAL CHROMIUM 6010B		
31	CR-16-0.5-231201	12-1-23	0730	S	1	X																	X	X		
32	CR-16-5-231201	12-1-23	0740	S	1	X																	X	X		
33	CR-17-0.5-231130	11-30-23	1330	S	1	X																	X	X		
34	CR-17-5-231130	11-30-23	1345	S	1	X																	X	X		

Relinquished by: (Signature)	Date: 12-1-23	Time: 1417	Received by: (Signature/Affiliation) EC	Date: 12/1/23 Time: 1417
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature/Affiliation)	Date: Time:
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature/Affiliation)	Date: Time:

Login Sample Receipt Checklist

Client: ERM-West

Job Number: 570-162883-1

Login Number: 162883

List Source: Eurofins Calscience

List Number: 1

Creator: Le, Sunny

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	